Learn.
Grow.
Shine.

Onsite Program

48th ASHP Midyear Clinical Meeting & Exhibition
December 8–12, 2013 | Orlando Convention Center | Orlando, Florida

American Society of Health-System Pharmacists®
We hope you packed your sunscreen, because this year we are thrilled to be back in sunny Florida and are planning to have a record-breaking meeting! If you haven’t been to Orlando recently, you will be in for a pleasant surprise during your stay. Many know its famed theme parks and sunny days, but during the past several years Orlando has undergone a remarkable transformation and now offers new and remodeled hotels, new skywalks, endless new entertainment and dining options, plus a thriving healthcare industry — Orlando was recently ranked as a top 3 healthcare meeting destination!

We are thrilled to welcome you to another successful and eventful Midyear, and thank you for helping make this the largest MUST-attend pharmacy conference in the world!
Whatever direction your ambulatory care practice takes you, ASHP has the conference to help navigate the way.

Advancing pharmacy practice through education and consensus building

2014 ASHP Ambulatory Care Conference and Summit
March 3–4, 2014
The Westin Galleria Dallas
Dallas, Texas

www.ashp.org/ambulatorycareconference14
Welcome to Orlando and The Midyear 2013!

What do you get when you combine the nation’s most trusted health care providers, a highly respected leader, and exceptional learning and networking opportunities with an amazing destination? The largest meeting of pharmacists in the world: the ASHP Midyear!

Be sure to set your alarm clocks and arrive at Monday morning’s Opening Session in time to get a good seat. You won’t want to miss a moment of what our keynote speaker, Gen. Colin L. Powell, has to say. I’m really looking forward to hearing his presentation and am certain that his perspectives on leadership will hold inspiring lessons for each of us.

The inspiration won’t stop there. Hear about ASHP’s latest work on provider status, compounding, and other regulatory and legislative issues during the Advocacy Open House (Tuesday). Get a glimpse of what the future holds during the Spotlight on Science (Wednesday). And join us to discuss ambulatory care issues during the Ambulatory Care Town Hall (Wednesday). Take advantage of the educational programming and networking sessions that will help you learn, grow and shine in your role as health care providers.

Throughout the week, join us as we celebrate the 50th anniversary of ASHP-accredited pharmacy residencies and reflect upon the impact of residency graduates on advancing practice. And, because we know that sitting in a chair all day long is bad for our circulation, I urge you to spend some time each day in the Exhibit Hall and remain current on available products and services.

This program will help you navigate through all of the happenings this week. Inside, you’ll find a day-by-day guide to programming as well as information about our expansive exhibit program, poster presentations, residency showcase, and programming that is designed exclusively for students.

As you glance through the pages, you’ll notice that we’ve inserted a special icon to highlight all the educational sessions that relate to ambulatory care. ASHP is committed to serving our members across the entire spectrum of practice and this icon shines a special spotlight on sessions of interest to ambulatory care practitioners.

Our goal for this meeting—and in all that we do at ASHP—is to exceed your expectations. Please let us know how we are doing. Feel free to share your thoughts with the ASHP Board of Directors and staff members here in Orlando. (The Board members have purple ribbons on our badges.) Or send me an e-mail (prez@ashp.org) when you get home.

Thank you for joining us, and have a great week!

Sincerely,

Gerald E. Meyer, Pharm.D., M.B.A., FASHP
President, American Society of Health-System Pharmacists
General Information

Meeting Location
All ASHP meeting sessions and exhibits will be held in the Orange County Convention Center’s West Building unless otherwise noted.

Registration

Registration A, Level 1

Scan & Go Registration Hours:

- Saturday–Monday: 7:15am–5:00pm
- Tuesday–Wednesday: 7:30am–5:00pm
- Thursday: 9:00am–12:00pm

Staffed Registration
Assistance will be available if you choose to register onsite and not use the Self-Registration Kiosks.

Staffed Registration, Exhibitor Registration, and Customer Relations Hours:

- Saturday–Monday: 7:15am–5:00pm
- Tuesday–Wednesday: 7:30am–5:00pm
- Thursday: 9:00am–12:00pm

You spoke, and we listened! This year we are featuring extended hours at Registration to better serve you.

Name Badges
Badges should be worn at all times. Your badge is your admission pass for all meeting sessions, posters, Residency Showcase and exhibits. The barcode on your badge is encoded with your registration information. Use it in the Exhibit Hall to request information from exhibitors and to save time in completing surveys and forms by allowing exhibitors to scan the barcode on your badge. If you lose your badge, check with Meeting Info to see if it has been turned in. Lost badges can be replaced at Staffed Registration for a $30 fee. Badge ribbons are available from the Membership Information Center.

Badges are color-coded as follows:
- **Full Registration:** Red
- **Part Time:** Green
- **Exhibitor:** Yellow
- **Business Clients:** Blue

The letter on your badge represents your primary position as follows:
- A = Director
- B = Associate or Assistant Director
- C = Clinical Coordinator
- D = Other Supervisory Position
- E = Staff Pharmacist
- F = Clinical Pharmacist—General
- G = Clinical Pharmacist—Specialist
- H = Faculty
- I = Student
- J = Resident
- K = Technician
- L = Physician
- M = Nurse
- N = Other:
- O = Risk Manager
- P = Patient Safety Officer

Emergency Contact Information Card
An Emergency Contact information Card is included with your badge. Please fill it out with your emergency contact’s information and place it behind your name badge in the badge holder. This will help ASHP staff to contact someone on your behalf in the event of an emergency.

International Attendees: Please pickup your certificates of attendance at the Staffed Registration counter.

Consent to Use of Photographic Images
Registration and attendance at, or participation in, ASHP meetings and other activities constitutes an agreement by the registrant to ASHP use and distribution (both now and in the future) of the registrant or attendee’s image or voice in photographs, videotapes, electronic reproductions, and audiotapes of such events and activities.

Sorry, No Children
For health and safety considerations, children under the age of 16 are not permitted in the Exhibit Hall, Poster Sessions, Residency Showcase, Personnel Placement Service (PPS) or educational sessions.

ASHP would like to thank Omnicell for their sponsorship of the meeting registration bags.

ASHP would like to thank Sagent Pharmaceuticals for their sponsorship of the meeting lanyards.

Consumption of Alcoholic Beverages Policy
Attendees of the meeting should take note of the policy approved by the ASHP House of Delegates regarding the consumption of alcoholic beverages:

“That alcohol is a drug and should be used with the respect and concern afforded to any drug; that pharmacists should extend their professional obligations and responsibilities to alcohol use by individuals and themselves; that pharmacists have an obligation to ensure that, if consumed, alcohol is used only responsibly; that pharmacists, by example in their personal conduct, should foster awareness of the nature of alcohol and responsible use of alcohol by those who choose to use alcohol; and that ASHP and its members continue to support and foster impaired-pharmacists programs as a means of providing opportunities for such individuals to rehabilitate themselves.”
Humans make mistakes.

Your staff is human.

Subscribe to the new ASHP Sterile Compounding Competency Management Library.

Announcing ASHP’s new web-based Sterile Compounding Competency Management Library. It moves our suite of best-selling Chapter <797> DVD training programs online, ensuring constant updating as requirements change. And select administrator access makes it easy to track and assess personnel continuously. In three manageable online courses, compounding personnel receive comprehensive training in USP Chapter <797> requirements, procedures, facility controls, and recommendations. They may also download a detailed companion guide. An annual subscription includes all upcoming courses – as well as the administrator platform for monitoring progress and printing reports. For more information and to order, visit elearning.ashp.org/compounding. To view a sample course, call 866-279-0681 or email customer_relations@ashp.org

MEETING HIGHLIGHTS
On-demand CE from popular sessions

In case you missed it...

Didn’t get to attend the meeting or missed one of our popular educational sessions? Need CE? ASHP now offers a sampling of our most popular sessions from this year’s National Pharmacy Preceptors Conference and The Midyear 2013. Available on our eLearning platform, you can earn CE while experiencing the meeting from the comfort of your home or office. AND meeting attendees receive 50% discount off the package!

The Midyear 2013
Won’t make it to Orlando this year? Or worried you might miss out on some of your favorite sessions due to scheduling conflicts? Pre-order The Midyear Meeting Highlights where you can customize your own package or purchase the entire collection. Prices range from $10–$20 for individual sessions or $100 for the entire collection. Earn over 19 hours of CE!

The National Pharmacy Preceptors Conference 2013
Missed the NPPC? We packaged some of our most popular sessions with topics to enhance your preceptor development: including customizing learning experiences, providing feedback, preparing for survey, and more.

For more information and to order, visit www.ashp.org/meetinghighlights
All rooms are located in the Orange County Convention Center’s West Building unless otherwise noted.

ASHP Headquarters Office  W206 A, Level 2
Registrants may contact ASHP staff and make general meeting inquiries.

Bookstore  Concourse, Level 2
Discover ASHP’s latest publications and multimedia products at the ASHP Midyear Bookstore! Explore new references and guidebooks and browse through ASHP’s extensive library of resources for all your practice needs.

All products are discounted an additional 10% off the member price, and attendees can save an extra 10% off ASHP eBooks as well. Take advantage and save before the new 2014 prices go into effect. There will be a limited supply of inventory on hand if you are interested in carrying your books home with you.

Be sure to visit the Demo Center in the Bookstore to learn more about ASHP’s review and recertification products, as well as the new ASHP Sterile Compounding Competency Library, which are all available through the ASHP eLearning Portal. Learn more about ASHP’s exciting new electronic offerings and enter your name to win an iPad® mini! ASHP will be unveiling its new line of eReports that will launch in early 2014; stop by to learn more.

For orders totaling $100 or more, we’re giving out a special gift. Be sure to pick yours up at checkout!

Hours:

<table>
<thead>
<tr>
<th></th>
<th>Saturday 7:30am–4:00pm</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Sunday–Wednesday 7:30am–5:15pm</td>
</tr>
<tr>
<td></td>
<td>Thursday 8:30am–1:00pm</td>
</tr>
</tbody>
</table>

Business Center  West C Lobby, Level 2
FedEx Office and Print Center is located in the Convention Center on Level 2 in front of Hall C and across from the Food Court. It is a full-service business center, offering FedEx Shipping, signs and graphics, volume copies/binding & meeting materials, and computer workstations.

Hours:

<table>
<thead>
<tr>
<th></th>
<th>Daily 8:00am–5:00pm</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Email: <a href="mailto:usa3996@fedex.com">usa3996@fedex.com</a></td>
</tr>
<tr>
<td></td>
<td>Phone: 407-363-2831</td>
</tr>
</tbody>
</table>

CE Info Center  Registration B, Level 1
Stop by the CE Information Center to learn more about ASHP’s eLearning Portal and get answers to questions about processing your CE. For more information on processing CE for the meeting, see page 16 of this program book.

Hours:

|                  | Saturday–Wednesday 7:30am–5:15pm |
|                  | Thursday 8:30am–3:15pm |

City Info  West A/B Lobby, Level 1
Everything you need from dinner reservations to show reservations, shopping and more can be found at http://ashp.orlando-meetinginfo.com. Look around, have fun, and enjoy your stay in Orlando!

Orange County Convention Center Guest Services
The Orange County Convention Center in partnership with Visit Orlando maintains on-site Guest Services Information Desks with representatives staffed to answer any questions you may have regarding the Orange County Convention Center and the Orlando/Orange County area. The knowledgeable Information Desk staff looks forward to assisting or proving you with the following: Purchase of Discount Attraction Tickets available only to convention delegates (Walt Disney World, SeaWorld Orlando, Universal Orlando); Complimentary Convention Visitors Guides, Local Maps and Directions; Brochures including Restaurants, Attractions and more; Onsite Directions and Maps; Event Activities and Information; Sundries, including pain relievers, batteries, mints, etc.; and Transportation Information and Arrangements (Airport Shuttle, I-Ride Trolley).

Hours:

|                  | Saturday–Wednesday 7:30am–5:00pm |
|                  | Thursday 8:30am–12:00pm |

Coat and Baggage Check  Registration A, Level 1

<table>
<thead>
<tr>
<th></th>
<th>Sunday 7:30am–5:30pm</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Monday–Tuesday 7:30am–6:00pm</td>
</tr>
<tr>
<td></td>
<td>Wednesday 7:30am–5:30pm</td>
</tr>
<tr>
<td></td>
<td>Thursday 8:30am–3:30pm</td>
</tr>
</tbody>
</table>

Customer Relations  Registration A, Level 1
If you would like to renew your membership, check on a recent order, or update your profile, then stop by Customer Relations located next to Staffed Registration.

CV Review Center  West Hall B2, Level 2
Brought to you by the ASHP New Practitioners Forum

Whether you are a pharmacy student with your first CV or a more seasoned practitioner trying to keep a CV fresh, having a good CV is one of the most critical tools you can have in developing your career in a competitive job market. Stop by the CV Review Center inside the Personnel Placement Service (PPS) and meet with a reviewer who will review and provide feedback to you in a one-on-one setting. Reviews begin promptly at 10:00am and are on a rolling, first-come, first-served basis.
**Lost and Found**

W206 A, Level 2
Located in the ASHP Headquarters Office during meeting days/hours. Afterwards, attendees may call the Convention Center’s Building Security non-emergency line by dialing extension 5-9828 on any house phone or 407-685-9828.

Meeting Info Center

West A/B Lobby, Level 1
Do you have a question about The Midyear 2013? Stop by Meeting Info for the answers.

Food Courts and Concession Stands

Several Food Court facilities are located throughout the Orange County Convention Center’s West Building providing a wide array of dining options. Concession stands and coffee carts will also be available throughout the West Building and Exhibit Hall (during open hours).

First Aid Station

Registration A, Level 1
A First Aid Station is located in Med 4 on Level 1 under the escalators near Registration A (one level below West Hall A2) and can be reached by dialing extension 5-9809 on any house phone. In the event of an emergency, please contact the Building Security Section by dialing extension 5-1119 on any house phone or (407) 685-1119.

Future Meetings

Registration A Lobby, Level 1
Stop by the ASHP Future Meetings area and pick up information on upcoming ASHP meetings and conferences.

Remember to mark your calendars for:

- **2014 ASHP Ambulatory Care Conference and Summit**
  Dallas, Texas
  March 3–4, 2014

- **2014 ASHP Summer Meeting & Exhibition**
  Las Vegas, Nevada
  May 31–June 4, 2014

- **49th ASHP Midyear Clinical Meeting & Exhibition**
  Anaheim, California
  December 7–11, 2014

A special thank you to our future meeting city partners! For more information see pages 12 and 13.
Get connected! There are over 40,000 ASHP members and ASHP Connect is one of the easiest ways for you to communicate with your peers from across the country. This member community is our “private” social network which allows you to share your ideas and expertise. Network with colleagues and fellow attendees of the meeting and stay up-to-date on the latest information about The Midyear in the ASHP Connect Midyear Community. Come by the Membership Information Center for a quick tutorial and expand your social presence! Visit http://connect.ashp.org today to get started.

Network Connections
Stay connected! Conveniently located throughout the Convention Center, Network Connections provides individual computer workstations to access email, claim your CE online and view session handouts.

| Station #1 | Registration B, Level 1 |
| Station #2 | Outside Room 304, Level 3 |
| Station #3 | Outside Room 311, Level 3 |
| Station #4 | Registration A, Level 1 (beginning Tuesday morning) |

ASHP would like to thank Baxter for their sponsorship of the Network Connections.

New Practitioner Lounge
W313, Level 3
Take a break from Great X in this special retreat reserved especially for New Practitioners. Sit back, relax, and catch up with your colleagues as you catch your breath before the next big Great X session! See you there!

Hours:
Saturday–Sunday 8:00am–5:00pm

Orchid Event Solutions (Housing)
Registration A, Level 1
A representative from Orchid Event Solutions, ASHP’s official housing company, will be available to assist registrants with housing questions. Registrants may also call Orchid Event Solutions directly at 877-505-0675. Agents are available to assist Monday-Friday from 7:00am - 6:00pm MST.

Hours:
Saturday–Sunday 7:15am–5:00pm

FRESENIUS KABI
ASHP would like to thank Fresenius Kabi for their sponsorship of the hotel key cards.

Personnel Placement Service (PPS)
West Hall B2, Level 2
Whether you’re considering a residency, fellowship, or a full-time position in health-system pharmacy, PPS is the only place to meet face to face with 300 hiring employers.

Participation in PPS includes:
- Job search functionality to find hiring employers that match your desired criteria.
- Full messaging and scheduling/calendar capabilities.
- On-site private interviews with potential employers.
- Access to on-site computers to continue searching, communicating and scheduling interviews at Midyear.

Hours:
Sunday–Wednesday 7:30am–5:00pm

Press Office
W205 A, Level 2

Product Theaters
Product Theaters taking place during the meeting are informational and/or promotional in nature. Their content and the opinions expressed by presenters are those of the sponsor or presenters and not of the American Society of Health-System Pharmacists. CE credit is not offered for attendance. Product Theaters will take place in the Orange County Convention Center, Sunday through Wednesday. A listing of product theaters scheduled and their location will be available inside The Midyear Registration Bag and on the Mobile Midyear App. The listing is also available on The Midyear website at http://www.ashp.org/Midyear2013/ProductTheaters.

Recharging Stations
Located throughout the convention center, these stations provide you an opportunity to network, relax, and recharge your mobile phone, laptop or any portable mobile device.
Residency Showcase

ASHP would like to thank Baxter for their sponsorship of the recharging stations.

**Residency Showcase**

*West Hall C, Level 2*

Customize your Showcase visits by using the sortable Residency Showcase Listing spreadsheet at www.ashp.org/residencylisting.

**Hours:**

<table>
<thead>
<tr>
<th>Day</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Monday</td>
<td>1:00pm–4:00pm</td>
</tr>
<tr>
<td>Tuesday</td>
<td>8:00am–11:00am</td>
</tr>
<tr>
<td></td>
<td>1:00pm–4:00pm</td>
</tr>
</tbody>
</table>

**Safety and Security**

As a matter of basic security sense, remember to keep your personal belongings under your control at all times. Report any suspicious persons or activities to the Convention Center security. Remember that all attendees are required to wear a Midyear 2013 badge when they attend any ASHP meeting activity or session including the Exhibit Hall, Posters, and the Residency Showcase.

Also, please be sure to fill out the Emergency Contact Card that you will receive with your badge and place it in the badge holder. This will help ASHP staff contact someone on your behalf in the event of an emergency.

**Shuttle Bus Service**

For your convenience, shuttle bus service will be provided Saturday through Thursday between the Orange County Convention Center’s West Building and all official Midyear hotels, except for the Hyatt Regency Orlando (formerly The Peabody Orlando) and Rosen Centre, as they are within walking distance of the Convention Center. Shuttle service will also be provided on Wednesday for ASHP’s Evening of Adventure at Universal’s Islands of Adventure® theme park. For a complete shuttle schedule, see page 130.

**Note:** The shuttle schedule is subject to change based on usage, traffic and/or weather conditions. Please check the Midyear News & Views daily for updates to the schedule.

ASHP would like to thank Hospira for their sponsorship of the Shuttle Bus Service.

**ASHP does not provide transportation to or from evening symposia and social events supported by the pharmaceutical industry, universities, and other organizations.**

**Social Functions**

A listing of social functions scheduled at official meeting hotels will be available inside The Midyear registration bag and on the Mobile Midyear App. This will also include an updated listing of Symposia and Product Theaters.

**Speaker Preview Room**

*W308 A, Level 3*

The Speaker Preview Room has computers available for presenters who want to preview their slides prior to their presentation.

**Hours:**

<table>
<thead>
<tr>
<th>Day</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>Saturday–Wednesday</td>
<td>7:30am–5:00pm</td>
</tr>
<tr>
<td>Thursday</td>
<td>8:30am–2:00pm</td>
</tr>
</tbody>
</table>

**The Spot for First-Timers and New Members**

*Booth #1379, West Hall A4, Level 2*

New to ASHP and The Midyear? If so, we have The Spot for you! Located within the Exhibit Hall, The Spot is an area for first-time attendees and new members to meet colleagues and share experiences while visiting 300+ exhibiting companies!

**Wi-Fi Access**

ASHP is excited to provide complimentary wireless service available in the Convention Center’s West Building. To access the ASHP network, select **ASHP** from your device’s available wireless networks and enter password **Midyear13** and launch your browser to connect. The ASHP network is available in the meeting rooms and public concourse areas. To ensure fast speeds for all attendees, please limit your usage to 20 minutes.

ASHP would like to thank Baxter for their sponsorship of the Wi-Fi access.

---

**Follow Me in Orlando**

Follow ASHP at @ashpofficial

Use hashtag #ashpmidyear

You can connect (exponentially) and have some fun at #ashpmidyear by tweeting and following #ashpmidyear tweets. With very little effort you’ll be everywhere and hear about so many things! And be sure and follow #ashpmidyear to learn about this year’s Social Media Contest!
Anaheim is proud to host ASHP in 2014!

You'll feel like you are Walking on Sunshine while networking in our campus environment under sunny skies and palm trees! After hours, experience world class dining, entertainment and nightlife, all within walking distance at The Shops at Anaheim GardenWalk and Downtown Disney® District.

We are looking forward to your return every 4 years!

ASHP Midyear Clinical Meeting and Exhibition
Anaheim Convention Center
Dec 7 - 11, 2014

Why wear a LANYARD when you can wear BEADS?

Everything about meeting in New Orleans is different. The food, the culture--even what you wear around your neck. Mark your calendars for the American Society of Health-System Pharmacists Midyear Clinical Meeting and Exhibition, December 6-10, 2015, and come indulge in delicious cuisine, shop in historic neighborhoods and dance to the music pouring into the streets.
Mandalay Bay Welcomes Back ASHP in 2016

ASHP Midyear Clinical Meeting & Exhibition
December 4 – 8, 2016

We look forward to hosting the 52nd ASHP Midyear Clinical Meeting & Exhibition
December 3-7, 2017.

Visit Orlando®
Orange County Convention Center
occc.net

Visit Orlando MeetingInfo.com
All rooms are located in the Orange County Convention Center’s West Building unless otherwise noted.

Educational Objectives
The Midyear educational programs are developed to maintain and enhance the knowledge, skills, and abilities of pharmacists and associated personnel in healthcare systems through skill building and active participation in sessions on important issues relevant to contemporary practice. The educational goal of this meeting is to provide information and instruction on a variety of topics to enable pharmacy practitioners to provide quality patient care.

Target Audience
Activities are planned and structured to meet either the knowledge- or application-based educational needs of pharmacists and/or pharmacy technicians in a variety of healthcare systems. This includes those practicing in large and small hospitals, managed care facilities, inpatient facilities, outpatient clinics, and home care settings, as well as in academia and the pharmaceutical industry.

Knowledge-based sessions are designed primarily for acquiring factual knowledge; application-based sessions are designed primarily to apply the information learned in the time allotted.

Levels of Content
To help you plan your time at the meeting, educational session content has been categorized into the following levels:
- **General Interest**: Level designation not applicable to this session.
- **Intermediate**: Basic knowledge of the specific content area is suggested, but extensive experience is not necessary.
- **Advanced**: General working knowledge of the specific content area is suggested; information will be provided to expand current expertise.

Presenter Disclosure Statements
ASHP maintains disclosure information from all presenters of ASHP educational programs including speakers and poster abstract authors. Speaker disclosures will be published in the Onsite Program. Poster author disclosures will be displayed in the lower right corner of the poster boards.

Continuing Education Information
Registrants can earn over 30 contact hours (3.0 CEUs) at The Midyear 2013. After participating in the activities of this meeting, attendees can claim their CE online through the ASHP eLearning Portal at http://elearning.ashp.org. Registrants will be able to print their CE statement immediately. All attendees must record their CE online by December 31, 2015.

CPE Monitor
In order to claim CE, Pharmacists and Pharmacy Technicians must enter an NABP e-Profile ID and birth month and date in the eLearning Portal. After you have entered this information once, it is saved for future CE processing. You may obtain your e-Profile ID at www.nabp.net. For more information, visit www.ashp.org/CEtransition.

Florida Department of Health Continuing Education Credits
Florida licensed pharmacists must self-report their meeting CE credits to CE Broker. ASHP is not offering Florida Consultant Pharmacy CE at this meeting.

Pharmacy Technicians
Educational sessions at the ASHP Midyear satisfy the requirement pertaining to pharmacy-related subject matter and are acceptable for certified pharmacy technicians. Sessions for technicians are designated with a “T” following the ACPE number. All educational sessions offered by ACPE-accredited providers are recommended by PTCP and are not required for technician recertification.

PTCP-acceptable CE sessions must include pharmacy-related subject matter. Contact PTCP at 800-363-8012 or contact@ptcb.org for further information.

Some states have special requirements for program content to meet their requirements for continuing education. Please check with your state to determine if such requirements exist and to determine if these programs meet those requirements.

Pharmaceutical Industry-Supported Symposia

ASHP Advantage, a division of ASHP, specializes in developing customized, needs-based educational activities for pharmacists, physicians, and other healthcare professionals. You may process continuing education credit online for Advantage symposia presented at the ASHP Midyear Clinical Meeting.

Other industry-supported symposia have been scheduled in conjunction with The Midyear 2013 and will be held throughout the week at official meeting hotels. The program organizer is responsible for continuing education credits and content. For the most up-to-date listing of industry symposia visit: http://www.ashp.org/Midyear2013/Symposia.

Continuing Professional Development (CPD)
An approach to lifelong learning, Continuing Professional Development (CPD) is a process of active participation in learning activities geared to helping individuals develop and maintain continuing competence, enhance their professional practice, and support achievement of their career goals. CPD emphasizes self-appraisal and educational plan development, implementation, documentation, and evaluation. CE sessions or other activities you participate in at the meeting may form part of your own CPD self-appraisal or plan. For more information go to http://www.ashp.org/Midyear2013/GeneralEducationalInfo.

Audio-Synched Presentations
With so many education sessions to choose from, it’s impossible to catch them all . . . or can you? The full-meeting registration fee includes access to all available audio-synched educational session presentations. Download the sessions you’ve missed and “attend” at your leisure. Log in at http://www.ashp.org/Midyear2013/Recordings.

**Note:** CE is not available with downloads.

continued >
Finally...

Review and Recertification Products in Pharmacotherapy and Ambulatory Care for High-Level Specialists

This is so much more than just another therapeutics lecture...

What we’re NOT:

- A therapeutics lecture by a single disease state
- A week away from work and family
- An “abbreviated” review course
- Large books or printouts of summations of outdated articles for recertification

What we ARE:

- Complex, application-based learning where you follow “patients” from presentation, through diagnosis and treatment, encountering and treating multiple symptoms and disease states
- Complete coverage needed to confidently prepare for the exam in only 2 days! Saving you time away from work and home, and drastically reducing travel expenses!
- Immediate access to timely research and resources for pharmacy specialists needing the latest updates for recertification
- Inclusive of regulatory and management topics not covered in other review courses, which accounts for 15-20% of the BPS exams

For more information on all our certification products, or to test your knowledge with our “Hollywood Hospital” quiz game, visit Booth #1359 in the Exhibit Hall

For information on the review and recertification programs, visit www.ashp.org/certifications

© 2013 American Society of Health-System Pharmacists® HPSC1613
CE Processing Instructions

1. Write down the Attendance Code for each session you attend. These codes are announced during each session. If you miss the code, check with the Room Monitor at the session.
3. Click on My Learning Activities. Then click on 2013 — Midyear Clinical Meeting & Exhibition (Orlando, FL) under Attendance Codes
4. Use the field below to redeem the Attendance Codes (formerly called CE codes). Enter the Attendance Code(s) for each session, and click Submit.
   Tip: If your code is not redeeming successfully, verify that you have clicked on the title of your conference in order to access the Attendance Code field, not the Enrollment Code field.
5. Each session will be listed under Your Sessions. Click Claim Credit for a session.
6. Click on the name of a session and complete the requirements for the session.
7. Click Claim Credit for your profession. It is important that you select the correct profession.

- Pharmacists and Pharmacy Technicians: Fill in your NABP e-Profile ID and birth month and date. Check the box at the bottom and click Claim. You will see a message advising you whether or not your credits were claimed successfully. Your CPE credit will be reported directly to CPE Monitor.
- Other (International, Students, etc.): Use ASHP Statement of Completion. Check the box at the bottom and click Claim. For more information on options for international pharmacists, please visit the CE Info Center.

You may print your statement of credit by clicking on Print Statement of Credit. If you require a reprint of a statement of credit, you can return here at any time to print a duplicate.

Exhibitors: Additional First Steps

1. Login to www.ashp.org/exhibitorforce with your ASHP username and password.
2. Click on the Get Started button.
3. Select the 48th ASHP Midyear Clinical Meeting & Exhibition from the dropdown menu.
4. Select your Exhibiting Company from the list of exhibitors.

From here, follow the instructions above.

There may be different directions for workshops and review courses.

NEW! CE Processing Instructions
<table>
<thead>
<tr>
<th>TIME</th>
<th>SESSION/EVENT</th>
<th>ROOM</th>
<th>PAGE</th>
<th>CODE</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:00am–5:00pm</td>
<td>Clinical Skills Competition</td>
<td>W110 B, Level 1</td>
<td>43</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Semi-Final Round (closed session)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>7:30am–6:00pm</td>
<td>Pharmacotherapy Review and Recertification Course</td>
<td>W110 A, Level 1</td>
<td>37</td>
<td></td>
</tr>
<tr>
<td>8:00am–5:00pm</td>
<td>Pre-Meeting Workshops (separate fee required)</td>
<td>See Listing</td>
<td>34</td>
<td></td>
</tr>
<tr>
<td>9:00am–4:45pm</td>
<td>Great eXpectations Live</td>
<td>See Listing</td>
<td>38</td>
<td></td>
</tr>
<tr>
<td>6:15am–7:45am</td>
<td>Satellite Symposia</td>
<td>See Listing</td>
<td>88</td>
<td></td>
</tr>
<tr>
<td>7:00am–7:00pm</td>
<td>Student Programming</td>
<td>See Listing</td>
<td>43</td>
<td></td>
</tr>
<tr>
<td>7:30am–5:00pm</td>
<td>Personnel Placement Service (PPS)</td>
<td>West Hall B2, Level 2</td>
<td>8</td>
<td></td>
</tr>
<tr>
<td>7:30am–5:50pm</td>
<td>Pharmacotherapy Review and Recertification Course (separate fee required)</td>
<td>W110 A, Level 1</td>
<td>37</td>
<td></td>
</tr>
<tr>
<td>7:45am–5:30pm</td>
<td>Pre-Meeting Workshops (separate fee required)</td>
<td>See Listing</td>
<td>34</td>
<td></td>
</tr>
<tr>
<td>8:00am–5:00pm</td>
<td>Great eXpectations Live</td>
<td>See Listing</td>
<td>38</td>
<td></td>
</tr>
<tr>
<td>8:00am–5:30pm</td>
<td>Programming for Small &amp; Rural Hospital Practitioners</td>
<td>See Listing</td>
<td>48</td>
<td></td>
</tr>
<tr>
<td>8:30am–10:00am</td>
<td>First-Time Attendee Welcome Event and Self-Guided Tours</td>
<td>Valencia W415 D, Level 4</td>
<td>27</td>
<td></td>
</tr>
<tr>
<td>9:00am–10:30am</td>
<td>Professional and Academic Publishing: Putting Your Ideas into Practice 2013</td>
<td>W207 A, Level 2</td>
<td>58</td>
<td></td>
</tr>
<tr>
<td>9:30am–5:00pm</td>
<td>Super Sunday: Pharmacotherapy or Ambulatory Care Recertification Intensives (separate fee required)</td>
<td>See Listing</td>
<td>36</td>
<td></td>
</tr>
<tr>
<td>10:00am–12:00pm</td>
<td>Satellite Symposia</td>
<td>See Listing</td>
<td>88</td>
<td></td>
</tr>
<tr>
<td>10:45am–12:00pm</td>
<td>DNV Accreditation: Are You Ready?</td>
<td>W207 A, Level 2</td>
<td>58</td>
<td></td>
</tr>
<tr>
<td>11:15am–12:15pm</td>
<td>Pharmacist Clinical Documentation Considerations within the Ambulatory Setting</td>
<td>W306 A, Level 3</td>
<td>52</td>
<td></td>
</tr>
<tr>
<td>11:15am–12:15pm</td>
<td>The Indispensable IDS</td>
<td>W414 A, Level 4</td>
<td>52</td>
<td></td>
</tr>
<tr>
<td>11:30am–1:00pm</td>
<td>Open House—“Let’s Talk!”: Tips for Participating in ASHP’s New Awareness Campaign</td>
<td>W205 A, Level 2</td>
<td>27</td>
<td></td>
</tr>
<tr>
<td>12:00pm–1:00pm</td>
<td>PhORCAS 2.0: Enhancements for Programs and Reference Writers</td>
<td>W209 A, Level 2</td>
<td>50</td>
<td></td>
</tr>
</tbody>
</table>

All rooms are located in the Orange County Convention Center’s West Building unless otherwise noted.

- CE Program
- Special Event
- Networking Session
- Ambulatory Care Session

continues >
<table>
<thead>
<tr>
<th>TIME</th>
<th>SESSION/EVENT</th>
<th>ROOM</th>
<th>PAGE</th>
<th>CE CODE</th>
</tr>
</thead>
<tbody>
<tr>
<td>12:30pm–1:30pm</td>
<td>▶ Apps, Good Faith, and Euthanasia: Finding a Path Forward in Pain and Palliative Care</td>
<td>W306 A, Level 3</td>
<td>52</td>
<td></td>
</tr>
<tr>
<td>12:30pm–1:30pm</td>
<td>▶ Sterile Product Compounding Quality Controls: Managing Beyond Use Dating</td>
<td>W414 A, Level 4</td>
<td>52</td>
<td></td>
</tr>
<tr>
<td>12:30pm–2:00pm</td>
<td>▶ Critical Care</td>
<td>W202 C, Level 2</td>
<td>52</td>
<td></td>
</tr>
<tr>
<td>12:30pm–2:00pm</td>
<td>▶ Emergency Medicine</td>
<td>W203 C, Level 2</td>
<td>53</td>
<td></td>
</tr>
<tr>
<td>12:30pm–2:00pm</td>
<td>▶ Pharmacoeconomics and Drug Policy Development</td>
<td>W204 C, Level 2</td>
<td>53</td>
<td></td>
</tr>
<tr>
<td>12:30pm–2:00pm</td>
<td>▶ The ASHP Federal Forum: Welcome and Keynote</td>
<td>W414 C, Level 4</td>
<td>27</td>
<td></td>
</tr>
<tr>
<td>1:00pm–1:30pm</td>
<td>▶ Management Case Study: Rapid Response — How a Large Teaching Hospital Managed the Compounding Crisis</td>
<td>Lecture Hall W300, Level 3</td>
<td>59</td>
<td></td>
</tr>
<tr>
<td>1:00pm–2:00pm</td>
<td>▶ Applying for Residency Accreditation—Finding the Pathway and Taking the Right Steps</td>
<td>W209 A, Level 2</td>
<td>50</td>
<td></td>
</tr>
<tr>
<td>1:00pm–2:00pm</td>
<td>▶ New and Prospective Pharmacy Technician Training Program Directors and Instructors Meeting</td>
<td>W208 A, Level 2</td>
<td>50</td>
<td></td>
</tr>
<tr>
<td>1:00pm–4:00pm</td>
<td>▶ Clinical Skills Competition Final Round</td>
<td>W110 B, Level 1</td>
<td>44</td>
<td></td>
</tr>
<tr>
<td>1:00pm–5:00pm</td>
<td>▶ State Affiliate Volunteer Conference</td>
<td>W303 B, Level 3</td>
<td>27</td>
<td></td>
</tr>
<tr>
<td>1:30pm–3:00pm</td>
<td>▶ Ignite Your Fire Within: A Primer on Political Advocacy</td>
<td>W207 A, Level 2</td>
<td>59</td>
<td></td>
</tr>
<tr>
<td>1:45pm–2:15pm</td>
<td>▶ Management Case Study: Systematic Approach to Health System Compounding in the New Era of Safety Concerns, Drug Shortages, and Regulatory Changes</td>
<td>Lecture Hall W300, Level 3</td>
<td>59</td>
<td></td>
</tr>
<tr>
<td>2:00pm–3:00pm</td>
<td>▶ It’s Here: New Pharmacy Technician Training Standard Overview</td>
<td>W208 A, Level 2</td>
<td>50</td>
<td></td>
</tr>
<tr>
<td>2:00pm–3:00pm</td>
<td>▶ Meeting the Intent of the Accreditation Standard: Making ResiTrak™ Work for Your Program</td>
<td>W314 A, Level 3</td>
<td>50</td>
<td></td>
</tr>
<tr>
<td>2:00pm–3:45pm</td>
<td>▶ Exit Strategies: Your Financial Prescription to Maximize Your Retirement</td>
<td>Valencia W415 D, Level 4</td>
<td>59</td>
<td></td>
</tr>
<tr>
<td>2:00pm–4:45pm</td>
<td>▶ The ASHP Federal Forum</td>
<td>W414 C, Level 4</td>
<td>58</td>
<td></td>
</tr>
<tr>
<td>2:00pm–5:00pm</td>
<td>▶ Satellite Symposia</td>
<td>See Listing</td>
<td>88</td>
<td></td>
</tr>
<tr>
<td>2:30pm–3:00pm</td>
<td>▶ Management Case Study: Development of a Successful Compounded Sterile Product (CSP) Insourcing Plan</td>
<td>Lecture Hall W300, Level 3</td>
<td>59</td>
<td></td>
</tr>
<tr>
<td>2:30pm–4:00pm</td>
<td>▶ Anticoagulation</td>
<td>W202 C, Level 2</td>
<td>53</td>
<td></td>
</tr>
<tr>
<td>2:30pm–4:00pm</td>
<td>▶ Emerging Sciences</td>
<td>W204 C, Level 2</td>
<td>53</td>
<td></td>
</tr>
<tr>
<td>2:30pm–4:00pm</td>
<td>▶ Infectious Diseases</td>
<td>W203 C, Level 2</td>
<td>53</td>
<td></td>
</tr>
<tr>
<td>3:00pm–5:00pm</td>
<td>▶ Residency Program Directors and Preceptors Town Hall: New Residency Standard Update</td>
<td>W209 A, Level 2</td>
<td>50</td>
<td></td>
</tr>
<tr>
<td>3:15pm–3:45pm</td>
<td>▶ Management Case Study: Implementing Practice Model Change Through Strategic Planning Across the Pharmacy Enterprise</td>
<td>Lecture Hall W300, Level 3</td>
<td>59</td>
<td></td>
</tr>
<tr>
<td>3:30pm–5:00pm</td>
<td>▶ Building the Leadership Pipeline: Middle Manager Succession Planning</td>
<td>W207 A, Level 2</td>
<td>60</td>
<td></td>
</tr>
<tr>
<td>4:00pm–4:30pm</td>
<td>▶ Management Case Study: Improvement in Pharmacy and Nursing Electronic Communication Through Technology</td>
<td>Lecture Hall W300, Level 3</td>
<td>60</td>
<td></td>
</tr>
<tr>
<td>4:00pm–5:00pm</td>
<td>▶ Quality Advocates Information Exchange</td>
<td>W304 E, Level 3</td>
<td>28</td>
<td></td>
</tr>
<tr>
<td>5:00pm–7:00pm</td>
<td>▶ ASHP Foundation Donor Match Reception</td>
<td>Plaza International G, Level 2</td>
<td>28</td>
<td></td>
</tr>
<tr>
<td>5:30pm–7:00pm</td>
<td>▶ ASHP Best Practices Award in Health–System Pharmacy Poster Reception</td>
<td>Orlando Ballroom, Level 2</td>
<td>28</td>
<td></td>
</tr>
<tr>
<td>TIME</td>
<td>SESSION/EVENT</td>
<td>ROOM</td>
<td>PAGE</td>
<td>CE CODE</td>
</tr>
<tr>
<td>------------------</td>
<td>-------------------------------------------------------------------------------</td>
<td>--------------------------------</td>
<td>------</td>
<td>---------</td>
</tr>
<tr>
<td>6:15am–8:30am</td>
<td>▶ Satellite Symposia</td>
<td>See Listing</td>
<td></td>
<td></td>
</tr>
<tr>
<td>7:30am–8:30am</td>
<td>▶ Home Infusion</td>
<td>W311 B, Level 3</td>
<td>53</td>
<td></td>
</tr>
<tr>
<td>6:30am–9:00am</td>
<td>▶ Veterans Affairs Residency Open Forum</td>
<td>W208 A, Level 2</td>
<td>51</td>
<td></td>
</tr>
<tr>
<td>7:30am–5:00pm</td>
<td>▶ Personnel Placement Service (PPS)</td>
<td>West Hall B2, Level 2</td>
<td>8</td>
<td></td>
</tr>
<tr>
<td>9:00am–10:30am</td>
<td>▶ Opening Session and Keynote</td>
<td>West Hall D2, Level 2</td>
<td>29</td>
<td></td>
</tr>
<tr>
<td>10:00am–3:00pm</td>
<td>▶ CV Review Center</td>
<td>West Hall B2, Level 2</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>10:45am–11:45am</td>
<td>▶ Student Posters</td>
<td>West Hall A1, Level 2</td>
<td>91</td>
<td></td>
</tr>
<tr>
<td>11:00am–12:00pm</td>
<td>▶ Pharmacy Technician Meet and Greet Networking Session</td>
<td>W207 A, Level 2</td>
<td>32</td>
<td></td>
</tr>
<tr>
<td>11:00am–12:15pm</td>
<td>▶ Pediatrics/Neonatal</td>
<td>W303 B, Level 3</td>
<td>54</td>
<td></td>
</tr>
<tr>
<td>11:00am–12:30pm</td>
<td>▶ Cardiology</td>
<td>W203 C, Level 2</td>
<td>53</td>
<td></td>
</tr>
<tr>
<td>11:00am–12:30pm</td>
<td>▶ Hematology/Oncology</td>
<td>W204 C, Level 2</td>
<td>54</td>
<td></td>
</tr>
<tr>
<td>11:00am–12:30pm</td>
<td>▶ Immunology/Transplant</td>
<td>W414 A, Level 4</td>
<td>54</td>
<td></td>
</tr>
<tr>
<td>11:00am–12:30pm</td>
<td>▶ Psychopharmacy/Neurology</td>
<td>W311 B, Level 3</td>
<td>54</td>
<td></td>
</tr>
<tr>
<td>11:00am–3:00pm</td>
<td>▶ Exhibit Program</td>
<td>West Hall A4 &amp; A2, Level 2</td>
<td>7</td>
<td></td>
</tr>
<tr>
<td>11:15am–12:15pm</td>
<td>▶ Big Ideas for Small and Rural Hospitals</td>
<td>W312 B, Level 3</td>
<td>54</td>
<td></td>
</tr>
<tr>
<td>11:15am–12:15pm</td>
<td>▶ Meaningful Use: Stage 2 and Beyond</td>
<td>W304 F, Level 3</td>
<td>54</td>
<td></td>
</tr>
<tr>
<td>11:15am–12:15pm</td>
<td>▶ Strategies to Advance Ambulatory Care Practice</td>
<td>W314 A, Level 3</td>
<td>54</td>
<td></td>
</tr>
<tr>
<td>11:15am–12:15pm</td>
<td>▶ Surviving the ACA: Strategies for Cost Containment and Revenue Enhancement</td>
<td>W315 A, Level 3</td>
<td>55</td>
<td></td>
</tr>
<tr>
<td>11:30am–1:00pm</td>
<td>▶ ASHP–PAC Donors Reception</td>
<td>W307 B, Level 3</td>
<td>28</td>
<td></td>
</tr>
<tr>
<td>11:30am–1:30pm</td>
<td>▶ Midday Symposia</td>
<td>See Listing</td>
<td>90</td>
<td></td>
</tr>
<tr>
<td>11:30am–5:30pm</td>
<td>▶ Student Programming</td>
<td>See Listing</td>
<td>43</td>
<td></td>
</tr>
<tr>
<td>11:45am–12:45pm</td>
<td>▶ ACPE Update 2013</td>
<td>Lecture Hall W300, Level 3</td>
<td>60</td>
<td></td>
</tr>
<tr>
<td>12:00pm–1:00pm</td>
<td>▶ Student Posters</td>
<td>West Hall A1, Level 2</td>
<td>91</td>
<td></td>
</tr>
<tr>
<td>12:15pm–1:30pm</td>
<td>▶ Women’s Health</td>
<td>W303 B, Level 3</td>
<td>55</td>
<td></td>
</tr>
<tr>
<td>12:30pm–1:30pm</td>
<td>▶ Professional Development: Sharing Experiences and Ideas to Develop Your Own Professional Roadmap in Pharmacy Informatics</td>
<td>W304 F, Level 3</td>
<td>55</td>
<td></td>
</tr>
<tr>
<td>12:30pm–1:30pm</td>
<td>▶ Time Out! Medication Safety in High Risk Areas</td>
<td>W312 B, Level 3</td>
<td>55</td>
<td></td>
</tr>
<tr>
<td>1:00pm–4:00pm</td>
<td>▶ Residency Showcase</td>
<td>West Hall C, Level 2</td>
<td>9</td>
<td></td>
</tr>
<tr>
<td>2:00pm–2:30pm</td>
<td>▶ Management Case Study: Be Prepared — High Risk Compounding in the Management of Drug Shortages</td>
<td>Lecture Hall W300, Level 3</td>
<td>60</td>
<td></td>
</tr>
<tr>
<td>2:00pm–3:00pm</td>
<td>▶ The Clinical Impact of Next-Generation Sequencing (NGS) on Pharmacy Practice</td>
<td>W203 C, Level 2</td>
<td>60</td>
<td></td>
</tr>
<tr>
<td>2:00pm–3:30pm</td>
<td>▶ Shining Some Light on Precepting in the 21st Century</td>
<td>W208 A, Level 2</td>
<td>60</td>
<td></td>
</tr>
<tr>
<td>2:00pm–3:30pm</td>
<td>▶ Updates in the Management of Septic Shock: Application of International Guidelines (encore presentation) Valencia</td>
<td>W415 A, Level 4</td>
<td>61</td>
<td></td>
</tr>
<tr>
<td>2:00pm–3:30pm</td>
<td>▶ What a Zoo! Animal Influences on Emerging Viral Infections</td>
<td>W204 C, Level 2</td>
<td>61</td>
<td></td>
</tr>
<tr>
<td>2:00pm–3:45pm</td>
<td>▶ Fresh Ideas: Eliminating Barriers to Practice Model Change Success</td>
<td>W209 A, Level 2</td>
<td>61</td>
<td></td>
</tr>
<tr>
<td>TIME</td>
<td>SESSION/EVENT</td>
<td>ROOM</td>
<td>PAGE</td>
<td>CE CODE</td>
</tr>
<tr>
<td>------------------</td>
<td>-------------------------------------------------------------------------------</td>
<td>------------------</td>
<td>------</td>
<td>---------</td>
</tr>
<tr>
<td>2:00pm–3:45pm</td>
<td>Pharmacist’s Role in the Medical Home: What Exists and What’s on the Horizon?</td>
<td>W312 B, Level 3</td>
<td>61</td>
<td></td>
</tr>
<tr>
<td>2:00pm–4:00pm</td>
<td>340B Drug Pricing Program Update</td>
<td>W202 C, Level 2</td>
<td>62</td>
<td></td>
</tr>
<tr>
<td>2:00pm–4:00pm</td>
<td>Preparing for Joint Commission: Are You in the Loop?</td>
<td>W304 F, Level 3</td>
<td>62</td>
<td></td>
</tr>
<tr>
<td>2:00pm–4:00pm</td>
<td>Safety &amp; Quality Pearls 2013</td>
<td>W315 A, Level 3</td>
<td>62</td>
<td></td>
</tr>
<tr>
<td>2:00pm–4:00pm</td>
<td>X Marks the Clot: New Oral Anticoagulants for the Treatment and Secondary Prevention of VTE</td>
<td>Valencia W415 D, Level 4</td>
<td>62</td>
<td></td>
</tr>
<tr>
<td>2:00pm–4:30pm</td>
<td>Professional and ASHP Fellows Posters</td>
<td>West Hall A1, Level 2</td>
<td>92</td>
<td></td>
</tr>
<tr>
<td>2:30pm–4:00pm</td>
<td>Pharmacist Prescribing: Aspirations, Needs, and Trends around the World</td>
<td>W314 A, Level 3</td>
<td>63</td>
<td></td>
</tr>
<tr>
<td>2:45pm–3:15pm</td>
<td>Management Case Study: Pharmacy-Driven Medication Therapy Management as Part of a Transitional Care Program at an Academic Medical Center</td>
<td>Lecture Hall W300, Level 3</td>
<td>63</td>
<td></td>
</tr>
<tr>
<td>3:00pm–5:00pm</td>
<td>Debates in Therapeutics 2013</td>
<td>Valencia W415 C, Level 4</td>
<td>63</td>
<td></td>
</tr>
<tr>
<td>3:30pm–4:00pm</td>
<td>Management Case Study: Improving Hospital Consumer Assessment of Healthcare Providers and Systems (HCAHPS) Score Via Creation of an Advanced Pharmacy Practice Experience (APPE)</td>
<td>Lecture Hall W300, Level 3</td>
<td>63</td>
<td></td>
</tr>
<tr>
<td>3:30pm–4:30pm</td>
<td>Multi-Hospital Health System Pharmacy Leaders and Executives</td>
<td>W303 B, Level 3</td>
<td>55</td>
<td></td>
</tr>
<tr>
<td>3:30pm–5:00pm</td>
<td>Clinical Specialists and Practitioners — Is Informatics a Necessary Skill or a Specialty?</td>
<td>W102 B, Level 1</td>
<td>64</td>
<td></td>
</tr>
<tr>
<td>4:00pm–5:00pm</td>
<td>Achieving Provider Status: Social Security Act Changes and the Role of Peer Review</td>
<td>W208 A, Level 2</td>
<td>64</td>
<td></td>
</tr>
<tr>
<td>4:00pm–5:00pm</td>
<td>Advanced Clinical Pharmacy Services Integration in an ACO: Justification of New FTE’s</td>
<td>W312 B, Level 3</td>
<td>64</td>
<td></td>
</tr>
<tr>
<td>4:00pm–5:00pm</td>
<td>Applying the Basics of Antiinfective Resistance to Clinical Practice (encore presentation)</td>
<td>Valencia W415 A, Level 4</td>
<td>64</td>
<td></td>
</tr>
<tr>
<td>4:00pm–5:00pm</td>
<td>FDA Update 2013: Initiatives and Resources Impacting Today’s Practice</td>
<td>W103 A, Level 1</td>
<td>64</td>
<td></td>
</tr>
<tr>
<td>4:00pm–5:00pm</td>
<td>Health Care Quality Measurement and Reporting: Experiences from the National Quality Forum</td>
<td>W104 A, Level 1</td>
<td>65</td>
<td></td>
</tr>
<tr>
<td>4:00pm–5:00pm</td>
<td>Insulin Use in Hospitals: Recommendations for Decreasing Preventable Adverse Drug Events</td>
<td>W414 C, Level 4</td>
<td>65</td>
<td></td>
</tr>
<tr>
<td>4:00pm–5:00pm</td>
<td>Management of Alcohol Withdrawal in the Inpatient Setting</td>
<td>W101 B, Level 1</td>
<td>65</td>
<td></td>
</tr>
<tr>
<td>4:00pm–5:00pm</td>
<td>Newest Drugs of Abuse: Spice, Bath Salts, Salvia and Beyond (encore presentation)</td>
<td>W203 C, Level 2</td>
<td>65</td>
<td></td>
</tr>
<tr>
<td>4:00pm–5:00pm</td>
<td>Whac-A-Mole: Aligning your Electronic Systems to the Ever-Changing Supply Chain</td>
<td>W209 A, Level 2</td>
<td>65</td>
<td></td>
</tr>
<tr>
<td>4:00pm–5:00pm</td>
<td>When Animals Attack! A Wilderness Medicine Review</td>
<td>W204 C, Level 2</td>
<td>66</td>
<td></td>
</tr>
<tr>
<td>4:15pm–4:45pm</td>
<td>Management Case Study: Implementation and Justification of PPMI Through Re-engineering of Staff Roles and Use of a Computerized Clinical Decision-Support System</td>
<td>Lecture Hall W300, Level 3</td>
<td>66</td>
<td></td>
</tr>
<tr>
<td>4:30pm–5:30pm</td>
<td>Community Pharmacy Residency Open Forum</td>
<td>W108 A, Level 1</td>
<td>51</td>
<td></td>
</tr>
<tr>
<td>4:30pm–5:30pm</td>
<td>Regional Residency Conference Planners Meeting</td>
<td>W206 C, Level 2</td>
<td>51</td>
<td></td>
</tr>
<tr>
<td>4:45pm–5:45pm</td>
<td>International Registrants Gathering and Reception</td>
<td>West Concourse, Level 4 (across from W414 A)</td>
<td>32</td>
<td></td>
</tr>
<tr>
<td>5:30pm–8:00pm</td>
<td>Satellite Symposia</td>
<td>See Listing</td>
<td>88</td>
<td></td>
</tr>
<tr>
<td>TIME</td>
<td>SESSION/EVENT</td>
<td>ROOM</td>
<td>PAGE</td>
<td>CE CODE</td>
</tr>
<tr>
<td>--------------</td>
<td>-------------------------------------------------------------------------------</td>
<td>---------------------------</td>
<td>------</td>
<td>---------</td>
</tr>
<tr>
<td>6:00am–7:45am</td>
<td>Satellite Symposia</td>
<td>See Listing</td>
<td>88</td>
<td></td>
</tr>
<tr>
<td>7:30am–5:00pm</td>
<td>Personnel Placement Service (PPS)</td>
<td>West Hall B2, Level 2</td>
<td>8</td>
<td></td>
</tr>
<tr>
<td>8:00am–8:30am</td>
<td>Management Case Study: Lean Tools to Optimize and Market a Bedside Delivery Discharge Prescription Program at a Community Teaching Hospital</td>
<td>Lecture Hall W300, Level 3</td>
<td>66</td>
<td></td>
</tr>
<tr>
<td>8:00am–9:00am</td>
<td>Neither Here Nor There: Drug Therapy Issues During Critical Care Transitions</td>
<td>Valencia W415 D, Level 4</td>
<td>66</td>
<td></td>
</tr>
<tr>
<td>8:00am–9:30am</td>
<td>Controversies in Neonatal Respiratory Management</td>
<td>W207 A, Level 2</td>
<td>66</td>
<td></td>
</tr>
<tr>
<td>8:00am–9:30am</td>
<td>Creating Effective Clinical Decision Support Rules to Optimize Quality and Comply with Standards</td>
<td>W208 A, Level 2</td>
<td>67</td>
<td></td>
</tr>
<tr>
<td>8:00am–9:45am</td>
<td>Comparing Apples to Apples: Developing Medication Safety Metrics and Improving Medication Error Reporting</td>
<td>W311 F, Level 3</td>
<td>67</td>
<td></td>
</tr>
<tr>
<td>8:00am–10:00am</td>
<td>Controlling The Obesity Epidemic: Where Does Pharmacy Weigh In?</td>
<td>W204 C, Level 2</td>
<td>67</td>
<td></td>
</tr>
<tr>
<td>8:00am–10:00am</td>
<td>Innovations in Drug Information Practice and Research 2013</td>
<td>W312 B, Level 3</td>
<td>67</td>
<td></td>
</tr>
<tr>
<td>8:00am–10:00am</td>
<td>Management Pearls 2013</td>
<td>W414 C, Level 4</td>
<td>68</td>
<td></td>
</tr>
<tr>
<td>8:00am–11:00am</td>
<td>Oncology Pharmacy Specialty Sessions 2013: Advanced Topics in Practice Part 1</td>
<td>W203 C, Level 2</td>
<td>68</td>
<td></td>
</tr>
<tr>
<td>8:00am–11:00am</td>
<td>Residency Showcase</td>
<td>West Hall C, Level 2</td>
<td>9</td>
<td></td>
</tr>
<tr>
<td>8:30am–10:00am</td>
<td>Pharmacy Technicians: Helping to Reduce Readmissions</td>
<td>W314 A, Level 2</td>
<td>9</td>
<td></td>
</tr>
<tr>
<td>8:45am–9:15am</td>
<td>Management Case Study: Pharmacogenetics and Medication Orders—Providing Real-Time Clinical Decision Support</td>
<td>Lecture Hall W300, Level 3</td>
<td>69</td>
<td></td>
</tr>
<tr>
<td>9:00am–11:00am</td>
<td>Can’t We All Just Get Along? Debates in Chronic Non-Cancer Pain Management (CNCP)</td>
<td>Valencia W415 A, Level 4</td>
<td>69</td>
<td></td>
</tr>
<tr>
<td>9:00am–11:00am</td>
<td>Change in Pharmacy Practice: Does It Just Happen or Can It Be Planned?</td>
<td>W315 A, Level 3</td>
<td>70</td>
<td></td>
</tr>
<tr>
<td>9:00am–11:00am</td>
<td>Clinical Updates: Major Bleeding with Oral Anticoagulant Therapy</td>
<td>W304 F, Level 3</td>
<td>70</td>
<td></td>
</tr>
<tr>
<td>9:00am–11:00am</td>
<td>The ABCs of ABGs: A Step-Wise Approach to Acid–Base Analysis</td>
<td>W202 C, Level 2</td>
<td>70</td>
<td></td>
</tr>
<tr>
<td>9:30am–10:00am</td>
<td>Management Case Study: Interdependent Collaboration to Safeguard Vulnerable Patients–SNFing to Reduce Readmissions</td>
<td>Lecture Hall W300, Level 3</td>
<td>70</td>
<td></td>
</tr>
<tr>
<td>9:30am–11:00am</td>
<td>Headline News: USP and NIOSH Guidance in the Face of Compounding Tragedy and Hazardous Drug Dangers</td>
<td>Valencia W415 C, Level 4</td>
<td>70</td>
<td></td>
</tr>
<tr>
<td>9:30am–11:00am</td>
<td>Marijuana: Is it Real Medication or Just Recreation?</td>
<td>Valencia W415 D, Level 4</td>
<td>71</td>
<td></td>
</tr>
<tr>
<td>9:30am–11:00am</td>
<td>Special Considerations in Specialty Pharmacy: Constructing a Business Plan for a Specialty Pharmacy Service</td>
<td>W209 A, Level 2</td>
<td>71</td>
<td></td>
</tr>
<tr>
<td>9:45am–11:00am</td>
<td>Clearing the Air: An Evidence Based Approach to Asthma Management in Children and Adults</td>
<td>W207 A, Level 2</td>
<td>71</td>
<td></td>
</tr>
<tr>
<td>TIME</td>
<td>SESSION/EVENT</td>
<td>ROOM</td>
<td>PAGE</td>
<td></td>
</tr>
<tr>
<td>------------------</td>
<td>-------------------------------------------------------------------------------</td>
<td>-----------------------------</td>
<td>------</td>
<td></td>
</tr>
<tr>
<td>10:00am–11:00 am</td>
<td>Ask the Pharmacy Residency Accreditation Surveyors Roundtable Discussion</td>
<td>W414 A, Level 4</td>
<td>51</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Broselow Method for Acute Medication Administration—A New Paradigm?</td>
<td>W311 F, Level 3</td>
<td>71</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Not Your Typical CDS Alert: A Real Test of Alerts for Unusual Medication Orders</td>
<td>W208 A, Level 2</td>
<td>71</td>
<td></td>
</tr>
<tr>
<td>10:00am–3:00pm</td>
<td>CV Review Center</td>
<td>West Hall B2, Level 2</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>10:15am–10:45am</td>
<td>Management Case Study: Implementation of a Pharmacist Annual Review at an Academic Medical Center</td>
<td>Lecture Hall W300, Level 3</td>
<td>72</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Exhibit Program</td>
<td>West Hall A4 &amp; A2, Level 2</td>
<td>7</td>
<td></td>
</tr>
<tr>
<td>11:15am–12:15pm</td>
<td>Credentialing and Privileging of Pharmacists in Hospitals and Health Systems</td>
<td>W312 B, Level 3</td>
<td>56</td>
<td></td>
</tr>
<tr>
<td></td>
<td>More than a Job: The Important and Evolving Role of the Pharmacy Technician in Hospitals and Health Systems</td>
<td>W303 B, Level 3</td>
<td>56</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Geriatrics</td>
<td>W414 A, Level 4</td>
<td>56</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Nutrition Support</td>
<td>W414 C, Level 4</td>
<td>56</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Primary Care/Pharmacotherapy</td>
<td>W314 A, Level 3</td>
<td>56</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Student Posters</td>
<td>West Hall A1, Level 2</td>
<td>91</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Midday Symposia</td>
<td>See Listing</td>
<td>90</td>
<td></td>
</tr>
<tr>
<td>12:30pm–1:30pm</td>
<td>Practice Advancement in Ambulatory Care: Transitions of Care and Billing for Services</td>
<td>W312 B, Level 3</td>
<td>57</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Tools for Success: Arming Inpatient Care Pharmacy Preceptors with the Right Resources to Enhance the Pharmacy Practice Experience</td>
<td>W303 B, Level 3</td>
<td>56</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Use of Automation and Technology for Tracking and Improving Medication Accountability</td>
<td>W304 F, Level 3</td>
<td>57</td>
<td></td>
</tr>
<tr>
<td>1:00pm–4:00pm</td>
<td>Residency Showcase</td>
<td>West Hall C, Level 2</td>
<td>9</td>
<td></td>
</tr>
<tr>
<td>1:00pm–5:30pm</td>
<td>Student Programming</td>
<td>See Listing</td>
<td>43</td>
<td></td>
</tr>
<tr>
<td>2:00pm–3:00pm</td>
<td>Management Case Study: Transitions Trifecta—Calibrating the Severity of Drug Related Problems, Medication Adherence, and Literacy in a High Risk Population</td>
<td>Lecture Hall W300, Level 3</td>
<td>72</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Ask the Pharmacy Residency Accreditation Surveyors Roundtable Discussion</td>
<td>W414 A, Level 4</td>
<td>51</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Cytomegalovirus Infection Management in Transplant Recipients: Inpatient and Ambulatory Care Implications</td>
<td>W209 A, Level 2</td>
<td>72</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Disaster Response and Emergency Preparedness—Not Just Buzz Words</td>
<td>Valencia W415 D, Level 4</td>
<td>72</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Clinical Pearls 2013</td>
<td>Chapin Theater W320, Level 3</td>
<td>73</td>
<td></td>
</tr>
<tr>
<td>TIME</td>
<td>SESSION/EVENT</td>
<td>ROOM</td>
<td>PAGE</td>
<td>CE CODE</td>
</tr>
<tr>
<td>-----------------</td>
<td>-------------------------------------------------------------------------------</td>
<td>--------------------</td>
<td>------</td>
<td>---------</td>
</tr>
<tr>
<td>2:00pm–4:00pm</td>
<td>Pharmacy Forecast: Getting in Front of the Trends that Will Shape Your Future</td>
<td>W304 F, Level 3</td>
<td>73</td>
<td></td>
</tr>
<tr>
<td>2:00pm–4:00pm</td>
<td>Preparing for 2014 Congress, Agencies, and the States: What’s in Store for Health-System Pharmacy</td>
<td>W414 C, Level 4</td>
<td>73</td>
<td></td>
</tr>
<tr>
<td>2:00pm–4:00pm</td>
<td>Stopping Medications in Older Adults: Why, When, and How</td>
<td>Valencia W415 C, Level 4</td>
<td>74</td>
<td></td>
</tr>
<tr>
<td>2:00pm–4:00pm</td>
<td>What’s your Appetite for Enhancing and Expanding Student Practice Models?</td>
<td>W208 A, Level 2</td>
<td>75</td>
<td></td>
</tr>
<tr>
<td>2:00pm–4:30pm</td>
<td>Breathing Life into the Ambulatory Practice Medical Home Model</td>
<td>W312 B, Level 3</td>
<td>75</td>
<td></td>
</tr>
<tr>
<td>2:00pm–5:00pm</td>
<td>Professional and ASHP Fellows Posters</td>
<td>West Hall A1, Level 2</td>
<td>91</td>
<td></td>
</tr>
<tr>
<td>2:00pm–5:00pm</td>
<td>Oncology Pharmacy Specialty Sessions 2013: Advanced Topics in Practice Part 2</td>
<td>W203 C, Level 2</td>
<td>74</td>
<td></td>
</tr>
<tr>
<td>2:45pm–3:15pm</td>
<td>Management Case Study: Evaluation of Non-Traditional Pharmacy and Therapeutics Committee Membership to Optimize Medication Therapy</td>
<td>Lecture Hall W300, Level 3</td>
<td>75</td>
<td></td>
</tr>
<tr>
<td>3:00pm–5:00pm</td>
<td>Changing the Care for Pediatric Patients: Updates on Short Gut Syndrome, Juvenile Arthritis, and Ulcerative Colitis/Crohn’s</td>
<td>W207 A, Level 2</td>
<td>75</td>
<td></td>
</tr>
<tr>
<td>3:00pm–4:00pm</td>
<td>Management Case Study: Implementing Shared Governance to Enhance the Pharmacy Practice Model</td>
<td>Lecture Hall W300, Level 3</td>
<td>76</td>
<td></td>
</tr>
<tr>
<td>3:30pm–5:00pm</td>
<td>Alphabet Soup for the Compounding Soul—How Can IT Help with QA for CSPs?</td>
<td>W202 C, Level 2</td>
<td>76</td>
<td></td>
</tr>
<tr>
<td>3:30pm–5:00pm</td>
<td>Measuring and Reversing Antiplatelet or Anticoagulant Agents: Crafting a Management Plan</td>
<td>Valencia W415 A, Level 4</td>
<td>76</td>
<td></td>
</tr>
<tr>
<td>3:30pm–5:00pm</td>
<td>Mergers and Acquisitions: Bringing a New Hospital Into The Fold</td>
<td>W204 C, Level 2</td>
<td>76</td>
<td></td>
</tr>
<tr>
<td>3:30pm–5:00pm</td>
<td>Transitions in Nutritional Care from ICU To Home: When and Where Do Published Guidelines Apply?</td>
<td>W314 A, Level 3</td>
<td>76</td>
<td></td>
</tr>
<tr>
<td>4:00pm–5:00pm</td>
<td>Managed Care Pharmacy Residency Open Forum</td>
<td>W306 A, Level 3</td>
<td>51</td>
<td></td>
</tr>
<tr>
<td>4:00pm–5:00pm</td>
<td>Management of Hepatitis C Post-Transplantation: Focus on Interferon and Protease Inhibitors</td>
<td>W209 A, Level 2</td>
<td>77</td>
<td></td>
</tr>
<tr>
<td>4:00pm–5:00pm</td>
<td>Rational or Irrational: Polypharmacy in Psychiatry</td>
<td>W103 A, Level 1</td>
<td>77</td>
<td></td>
</tr>
<tr>
<td>4:00pm–5:00pm</td>
<td>Smartphones and Tablet Computers: What Apps are Good for Pharmacists?</td>
<td>Valencia W415 D, Level 4</td>
<td>77</td>
<td></td>
</tr>
<tr>
<td>4:00pm–5:00pm</td>
<td>Tools for Improving the Quality of Medication Management: the PSPC and 340B</td>
<td>W315 A, Level 3</td>
<td>77</td>
<td></td>
</tr>
<tr>
<td>4:15pm–4:45pm</td>
<td>Management Case Study: Stewardship Beyond Antibiotic Spend—Showing the Value Over the Long Haul</td>
<td>Lecture Hall W300, Level 3</td>
<td>77</td>
<td></td>
</tr>
<tr>
<td>4:15pm–5:45pm</td>
<td>Advocacy Open House</td>
<td>W307 B, Level 3</td>
<td>28</td>
<td></td>
</tr>
<tr>
<td>5:30pm–6:30pm</td>
<td>Satellite Symposia</td>
<td>See Listing</td>
<td>88</td>
<td></td>
</tr>
<tr>
<td>7:00pm–9:00pm</td>
<td>Student’s Night Out</td>
<td>the grooveSM</td>
<td>47</td>
<td></td>
</tr>
<tr>
<td>TIME</td>
<td>SESSION/EVENT</td>
<td>ROOM</td>
<td>PAGE</td>
<td>CE CODE</td>
</tr>
<tr>
<td>------------------</td>
<td>-------------------------------------------------------------------------------</td>
<td>-------------------------------------</td>
<td>------</td>
<td>---------</td>
</tr>
<tr>
<td>6:00am–7:45am</td>
<td>Satellite Symposia</td>
<td>See Listing</td>
<td>88</td>
<td></td>
</tr>
<tr>
<td>7:30am–5:00pm</td>
<td>Personnel Placement Service (PPS)</td>
<td>West Hall B2, Level 2</td>
<td>8</td>
<td></td>
</tr>
<tr>
<td>8:00am–8:30am</td>
<td>Management Case Study: Creating a Hospital-Based Bedside Delivery Program to Enhance the Patient Experience at Cleveland Clinic</td>
<td>Lecture Hall W300, Level 3</td>
<td>78</td>
<td></td>
</tr>
<tr>
<td>8:00am–9:30am</td>
<td>Designing Effective Competency Assessment to Advance Practice</td>
<td>W202 C, Level 2</td>
<td>78</td>
<td></td>
</tr>
<tr>
<td>8:00am–9:30am</td>
<td>Pharmacy-Managed Medication Reconciliation Programs: Performance Strategies &amp; Lessons Learned</td>
<td>W209 A, Level 2</td>
<td>78</td>
<td></td>
</tr>
<tr>
<td>8:00am–9:30am</td>
<td>The Drug Shortage Crisis: From Pharma to Advocacy and Everything in Between</td>
<td>W314 A, Level 3</td>
<td>78</td>
<td></td>
</tr>
<tr>
<td>8:00am–9:30am</td>
<td>Under Debate: Non-Biological Complex Drugs (NBCD) and the Generic Paradigm</td>
<td>W204 C, Level 2</td>
<td>78</td>
<td></td>
</tr>
<tr>
<td>8:00am–9:45am</td>
<td>Clinical Applications of the 2013 ASPEN Parenteral Nutrition Safety Consensus Recommendations</td>
<td>W203 C, Level 2</td>
<td>79</td>
<td></td>
</tr>
<tr>
<td>8:00am–9:45am</td>
<td>Emergency Medicine Pearls 2013</td>
<td>W414 C, Level 4</td>
<td>79</td>
<td></td>
</tr>
<tr>
<td>8:00am–9:45am</td>
<td>Improving Medication Safety: A National Perspective from ISMP</td>
<td>Valencia W415 C, Level 4</td>
<td>79</td>
<td></td>
</tr>
<tr>
<td>8:00am–9:45am</td>
<td>Navigate 2014 CMS Payment Rules with Integrity and Clarity</td>
<td>W311 F, Level 3</td>
<td>80</td>
<td></td>
</tr>
<tr>
<td>8:00am–9:45am</td>
<td>The 2013 Pain, Agitation, and Delirium Guidelines: Many Opportunities for Pharmacists to Improve ICU Care</td>
<td>Valencia W415 D, Level 4</td>
<td>80</td>
<td></td>
</tr>
<tr>
<td>8:00am–9:45am</td>
<td>Turn the Beat Around: Strategies to Effectively Manage Arrhythmias</td>
<td>W315 A, Level 3</td>
<td>80</td>
<td></td>
</tr>
<tr>
<td>8:00am–9:45am</td>
<td>Visual Explanations: Designing Your Data for Impact</td>
<td>W207 A, Level 2</td>
<td>80</td>
<td></td>
</tr>
<tr>
<td>8:15am–9:45am</td>
<td>Unintended Patient Safety Consequences of EHR Technology—New Regulations on the Horizon</td>
<td>W208 A, Level 2</td>
<td>81</td>
<td></td>
</tr>
<tr>
<td>8:30am–9:30am</td>
<td>Resident Posters</td>
<td>West Hall A1, Level 2</td>
<td>91</td>
<td></td>
</tr>
<tr>
<td>8:30am–9:45am</td>
<td>Taking the “Ouch” Out of Gout: Update on the Management of Gout</td>
<td>W304 F, Level 3</td>
<td>81</td>
<td></td>
</tr>
<tr>
<td>8:45am–9:15am</td>
<td>Management Case Study: Novel Use of an Automated Workflow Management System to Support Oral Medication Dispensing in a Pediatric Hospital Pharmacy</td>
<td>Lecture Hall W300, Level 3</td>
<td>81</td>
<td></td>
</tr>
<tr>
<td>9:00am–11:00am</td>
<td>Resident Posters</td>
<td>West Hall A1, Level 2</td>
<td>91</td>
<td></td>
</tr>
<tr>
<td>10:00am–11:00am</td>
<td>Spotlight on Science</td>
<td>Chapin Theater W320, Level 3</td>
<td>81</td>
<td></td>
</tr>
<tr>
<td>10:00am–2:00pm</td>
<td>CV Review Center</td>
<td>West Hall B2, Level 2</td>
<td>6</td>
<td></td>
</tr>
<tr>
<td>11:00am–2:00pm</td>
<td>Exhibit Program</td>
<td>West Hall A4 &amp; A2, Level 2</td>
<td>7</td>
<td></td>
</tr>
<tr>
<td>11:15am–12:15pm</td>
<td>Ambulatory Care Town Hall</td>
<td>W207 A, Level 2</td>
<td>32</td>
<td></td>
</tr>
<tr>
<td>11:15am–12:15pm</td>
<td>Employee Opinion Surveys: Maximizing Your Team’s Engagement</td>
<td>W303 B, Level 3</td>
<td>57</td>
<td></td>
</tr>
<tr>
<td>TIME</td>
<td>SESSION/EVENT</td>
<td>ROOM</td>
<td>PAGE</td>
<td>CE CODE</td>
</tr>
<tr>
<td>-------------------</td>
<td>-------------------------------------------------------------------------------</td>
<td>-----------------------------</td>
<td>------</td>
<td>---------</td>
</tr>
<tr>
<td>11:15am–12:45pm</td>
<td>Preceptor Skills Development</td>
<td>W312 B, Level 3</td>
<td>57</td>
<td></td>
</tr>
<tr>
<td>11:30am–12:30pm</td>
<td>Resident Posters</td>
<td>West Hall A1, Level 2</td>
<td>91</td>
<td></td>
</tr>
<tr>
<td>11:30am–1:30pm</td>
<td>Midday Symposia</td>
<td>See Listing</td>
<td>90</td>
<td></td>
</tr>
<tr>
<td>1:00pm–2:00pm</td>
<td>Resident Posters</td>
<td>West Hall A1, Level 2</td>
<td>91</td>
<td></td>
</tr>
<tr>
<td>2:00pm–2:30pm</td>
<td>Management Case Study: Effective Methods to Implement and Optimize a Standard Benchmarking Process</td>
<td>Lecture Hall W300, Level 3</td>
<td>82</td>
<td></td>
</tr>
<tr>
<td>2:00pm–3:00pm</td>
<td>Stop Stressing Out: The New Stress Ulcer Prophylaxis (SUP) Guidelines are Finally Here!</td>
<td>W314 A, Level 3</td>
<td>82</td>
<td></td>
</tr>
<tr>
<td>2:00pm–3:15pm</td>
<td>Turning Lemons into Lemonade: Handling Challenging Trainees in Experiential Education</td>
<td>W209 A, Level 2</td>
<td>82</td>
<td></td>
</tr>
<tr>
<td>2:00pm–3:30pm</td>
<td>Results from the 2013 ASHP National Survey: The Current State of Pharmacy Practice in Hospitals</td>
<td>W207 A, Level 2</td>
<td>82</td>
<td></td>
</tr>
<tr>
<td>2:00pm–3:45pm</td>
<td>Door to Door Service: Mastering Transitions in Acute Pain Management</td>
<td>W311 F, Level 3</td>
<td>82</td>
<td></td>
</tr>
<tr>
<td>2:00pm–4:00pm</td>
<td>Infectious Diseases Update: Using Guidelines to Optimize Treatment</td>
<td>Valencia W415 D, Level 4</td>
<td>83</td>
<td></td>
</tr>
<tr>
<td>2:00pm–4:00pm</td>
<td>Informatics Pearls 2013: Bytes of Informatics</td>
<td>W414 C, Level 4</td>
<td>83</td>
<td></td>
</tr>
<tr>
<td>2:00pm–4:00pm</td>
<td>The 411 on 911 Patient Care: Deploying Cost and Life Saving Services in the Emergency Department</td>
<td>W315 A, Level 3</td>
<td>83</td>
<td></td>
</tr>
<tr>
<td>2:00pm–4:30pm</td>
<td>The Joint Commission Update for 2014</td>
<td>Valencia W415 C, Level 4</td>
<td>84</td>
<td></td>
</tr>
<tr>
<td>2:30pm–3:30pm</td>
<td>Resident Posters</td>
<td>West Hall A1, Level 2</td>
<td>91</td>
<td></td>
</tr>
<tr>
<td>2:45pm–3:15pm</td>
<td>Management Case Study: Implementing a Pharmacy Technician Medication History Program in a Community Teaching Hospital</td>
<td>Lecture Hall W300, Level 3</td>
<td>84</td>
<td></td>
</tr>
<tr>
<td>3:00pm–5:00pm</td>
<td>Anticoagulant and Antiplatelet Agents in Special Patient Populations: Does One Size Fit All?</td>
<td>Valencia W415 A, Level 4</td>
<td>84</td>
<td></td>
</tr>
<tr>
<td>3:30pm–4:00pm</td>
<td>Management Case Study: Someone Moved My Pharmacy Department–Managing a Pharmacy Team Through Renovation and Reconstruction</td>
<td>Lecture Hall W300, Level 3</td>
<td>84</td>
<td></td>
</tr>
<tr>
<td>3:30pm–4:30pm</td>
<td>Reducing Harm in the Elderly: A Focus on Delirium, Falls, and Medication Errors</td>
<td>W314 A, Level 3</td>
<td>84</td>
<td></td>
</tr>
<tr>
<td>3:45pm–5:00pm</td>
<td>Daily Dose: Utilizing Preceptees as an Indispensable Part of your Daily Pharmacy Practice</td>
<td>W209 A, Level 2</td>
<td>85</td>
<td></td>
</tr>
<tr>
<td>4:00pm–5:00pm</td>
<td>A Trial of Conscience or Good Science: Compounded Analgesics</td>
<td>W311 F, Level 3</td>
<td>85</td>
<td></td>
</tr>
<tr>
<td>4:00pm–5:00pm</td>
<td>Strategic Use of Benchmarks to Drive the Pharmacy Agenda</td>
<td>W207 A, Level 2</td>
<td>85</td>
<td></td>
</tr>
<tr>
<td>4:00pm–5:00pm</td>
<td>The ABCs of CEAs (Cost-Effective Analyses)</td>
<td>W208 A, Level 2</td>
<td>85</td>
<td></td>
</tr>
<tr>
<td>4:15pm–4:45pm</td>
<td>Management Case Study: Systematizing the Formulary Management Process in a Multi-Hospital System</td>
<td>Lecture Hall W300, Level 3</td>
<td>85</td>
<td></td>
</tr>
<tr>
<td>7:00pm–11:00pm</td>
<td>ASHP’s Evening of Adventure (ticket required)</td>
<td>Universal’s Islands of Adventure®</td>
<td>33</td>
<td></td>
</tr>
</tbody>
</table>
Note: Enjoy a condensed schedule this year while still grabbing those must-have CEs on the last day of the meeting. After an incredible evening at Universal’s Islands of Adventure®, let ASHP treat you to a cup of java to kick off the final day of great programming.

<table>
<thead>
<tr>
<th>TIME</th>
<th>SESSION/EVENT</th>
<th>ROOM</th>
<th>PAGE</th>
<th>CE CODE</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:30am–9:00am</td>
<td>Coffee Service</td>
<td>Concourse Lobby, Level 2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>9:00am–10:45am</td>
<td>Brave New World — Antimicrobial Stewardship in the Pediatric, Oncology and Emergency Room Units</td>
<td>W312 B, Level 3</td>
<td>86</td>
<td></td>
</tr>
<tr>
<td>9:00am–10:45am</td>
<td>Is the Verdict FINALLY in? Updates in Cholesterol Guidelines</td>
<td>Valencia W415 A, Level 4</td>
<td>86</td>
<td></td>
</tr>
<tr>
<td>9:30am–11:30am</td>
<td>Practice Innovations: Strategies Worth Sharing</td>
<td>W315 A, Level 3</td>
<td>86</td>
<td></td>
</tr>
<tr>
<td>9:30am–12:00pm</td>
<td>Unleash Your Inner Leader: The Puzzle of Leadership…Are You Sharing Your Piece?</td>
<td>W304 F, Level 3</td>
<td>87</td>
<td></td>
</tr>
<tr>
<td>12:00pm–1:00pm</td>
<td>Lunch Break</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1:00pm–3:00pm</td>
<td>Myth Busters: The Customer is Always Right and Other Business Principles You May be Better Off Unlearning</td>
<td>W304 F, Level 3</td>
<td>87</td>
<td></td>
</tr>
<tr>
<td>1:00pm–3:00pm</td>
<td>New Drugs in Primary Care 2013</td>
<td>W315 A, Level 3</td>
<td>87</td>
<td></td>
</tr>
<tr>
<td>1:00pm–3:00pm</td>
<td>Overcoming Insulin Resistance: an Interactive Approach in the Management of Type 2 Diabetes</td>
<td>W312 B, Level 3</td>
<td>87</td>
<td></td>
</tr>
</tbody>
</table>

Have CE Questions?

Where do I enter in my NABP eProfile ID?

Where do I enter in my Attendance Code?

When did ASHP start reporting my CE to NABP?

VISIT

www.ashp.org/CEtransition
SUNDAY, DECEMBER 8

8:30am–10:00am  Valencia W415 D, Level 4

First-Time Attendee Welcome Event and Self-Guided Tours
Are you new to The Midyear meeting? Although it may seem overwhelming, ASHP works to ensure that you take full advantage of the one million square feet of exhibit and conference space offered. This informal new member and first timer orientation will provide insider tips on how to make the most of The Midyear experience and a chance to connect with your fellow attendees. Take part in an icebreaker session with ASHP leaders, learn which events you won’t want to miss, discover extra benefits of ASHP membership and more!

10:10am–11:20am  Chapin Theater W320, Level 3

First-Time Attendee Welcome Keynote
Featuring: Ron Culberson, MSW, CSP
Do it Well. Make it Fun.
As a speaker, humorist, and author of Do it Well. Make it Fun, Is Your Glass Laugh Full?, and My Knee-cap Seems Too Loose, Ron Culberson’s mission is to help staff and managers achieve a new level of success by understanding the power of Do it Well, Make it Fun. Success, even in tough times, comes from showing up and doing a great job. Ron helps staff become extraordi-

11:30am–1:00pm  Valencia W415, Level 4

Open House—“Let’s Talk!”: Tips for Participating in ASHP’s New Awareness Campaign
Get tips for using ASHP’s new awareness campaign, “Let’s Talk!” to raise the visibility of pharmacy services at your practice site and highlight your role as a medication expert. Let’s Talk! posters, brochures, table tent cards, buttons, and greeting cards encourage patients to ask you if they have questions about their medications.

12:30pm–2:00pm  W414 C, Level 4

The ASHP Federal Forum: Welcome and Keynote
Featuring keynote speaker: CAPT Mark E. Brouker, U.S. Navy (Ret), PharmD, BCPS
Growing an advanced pharmacy practice to meet the changing needs of our complex patients in a wide range of settings takes more than your standard leadership skills. Mark Brouker shares strategies to nurture your staff and colleagues to provide a climate where everyone can shine. Please join us on Sunday for a spe-

1:00pm–5:00pm  Valencia W414 C, Level 3

State Affiliate Volunteer Conference
A Practical Guide to Change Management: Strategic Thinking and Execution for Organizations
Change doesn’t come easily. But, creating effective organiza-
tions in today’s environment means that leaders need to be strategic and deliberate in governing the organization. Sometimes, it is difficult for leaders to identify and implement effective change for their organization.

In this session, leaders of ASHP-affiliated state societies can learn how to help their state organization become more strategic, and therefore attract new members and re-energize existing members. They can also learn to create unique organi-

During the interactive session, “A Practical Guide to Change Management: Strategic Thinking and Execution for Organiza-
tions,” the speaker will outline how leaders can become more strategic in guiding their association; the difference between strategies and tactics; and lessons from remarkable organizations.

The speaker for the Volunteer Leader Conference is Ragan Cohn, CAE, Vice President of Governance and Communication at the National Commission on Certification of Physician Assistants and a past president of the Georgia Society of Association Executives and a faculty member of their Leadership Academy.

In addition to the association presentation, affiliate leaders will also learn about ASHP’s new program, “Let’s Talk,” which offers free and low-cost that will help members of your affiliate communicate their value to patients, plus an update from ASHP’s Government Affairs team on the latest news on compounding, provider status, the critical role of state affiliates in advocacy, and other key issues.

State affiliate leaders have found this Leaders Conference a great source of information on building strong organizations, public relations, advocacy, and sharing ideas with one another.

All affiliate leaders are invited to attend; this includes asso-
ciation staff, presidential officers, affiliate board members, com-
mittee chairs and members.
Quality Advocates Information Exchange
Collaborating on Improving Healthcare Quality
Meet like-minded members who are passionate about improving the quality of pharmacy services in healthcare. See how other practitioners are incorporating quality improvement measures into health-system pharmacy dashboards. Discuss the creation and accumulation of pharmacy-sensitive accountability measures that can be used to gauge outcomes related to the use of medications. Understand how healthcare quality measures are changing and being updated in the National Quality Strategy.

Discussion Topics:
- Consider current pharmacy-sensitive accountability measures
- Discuss gaps in measurement and opportunity to address improvement
- Understand how other members have overcome barriers in their journey toward quality improvement

The Quality Advocates Information Exchange is an informal meeting coordinated by ASHP’s Medication Safety and Quality Division to inform the Society’s work on quality measures and performance improvement.

ASHP Foundation Donor Match Reception
This reception is an opportunity to gather with ASHP Foundation staff, Board members and contributors to celebrate the year’s accomplishments and to maximize your own gift supporting the Foundation’s mission of improving the health and well-being of patients in health systems through appropriate, safe and effective medication use. A sponsor will match dollar for dollar all donations made at the reception. We hope to see you there!

ASHP Best Practices Award in Health-System Pharmacy Poster Reception
This poster reception will honor the awardees of the 2013 ASHP Best Practices Award in Health-System Pharmacy. The six awardees will present posters of programs that have been nationally recognized as innovative systems that demonstrate best practices in health-system pharmacy. Join us for a unique opportunity to learn about best practices in health-system pharmacy and to honor the award recipients during this reception.

For additional information about this award program, visit http://www.ashp.org/menu/AboutUs/Awards/BestPracticesAward.aspx.

ASHP Advocacy: Paving the Way to Provider Status
ASHP’s ongoing work with Congress on compounding and drug shortages has helped the Society build a solid reputation on Capitol Hill. As we pursue our top advocacy priority, achieving recognition as providers, that reputation, along with an active network of pharmacist advocates and a strong campaign fund, will ensure that legislators know and understand the issues that you face in your practice.

Learn how you can increase your commitment to your patients through ASHP-PAC, the only political action committee focused on the issues that impact pharmacists in hospital and health-system settings, and the ASHP Grassroots Network during these activities at The Midyear.

MONDAY, DECEMBER 9

ASHP-PAC Donors Reception
Get an insider’s preview of ASHP’s campaign to achieve provider status for pharmacists during this lunch time reception for ASHP-PAC’s major donors. You’ll also hear about ASHP’s advocacy on compounding, drug shortages, as well as a look at the key congressional races for 2014. Members who have donated at least $250 to ASHP-PAC in 2013 are invited to this event.

TUESDAY, DECEMBER 10

Preparing for 2014: Congress, Agencies, & the States; What’s in Store for Health-System Pharmacy
Spend a couple of hours learning about the legislative and regulatory issues that affect your practice. Learn how ASHP’s advocacy helps shape public policy and how you can be a part of changing practice to improve patient care.

Advocacy Open House
Join the members of ASHP’s Advocacy and PAC Advisory Committee for light snacks and coffee to learn how you can play a part in the Society’s efforts to gain provider status. You’ll also hear about ASHP’s advocacy activities, including compounding, drug shortages, and other important professional issues, plus get insight into the key role that ASHP-PAC plays in helping achieve ASHP’s advocacy agenda. Contributions to ASHP-PAC are welcome, but not required for this event.
OPENING SESSION & KEYNOTE

General seating beings at 7:45am

KEYNOTE SPEAKER

Gen. Colin L. Powell, USA (Ret.)

U.S. Secretary of State (2001–2005)

Leadership: Taking Charge

One of the most admired men in America, General Colin Powell has been a leader for most of his life, having led troops as a military leader, chairman of the Joint Chiefs of Staff and secretary of state. But Powell believes a leader is more than just his or her title. Drawing on examples garnered from experience as both a leader on the world stage and as eyewitness to leadership in action, Powell illustrates for audiences precisely what it takes to be a leader, providing strategies for "taking charge" during times of great change and great crises. Powell demonstrates how to remain focused, take responsibility and work towards improving processes, organizations and people.

A man of supreme intelligence, versatility and presence, General Colin Powell served as the first African-American chairman of the Joint Chiefs of Staff and was appointed secretary of state by President George W. Bush—becoming, at that time, the most powerful African-American ever to hold office. A four-star general, Powell’s numerous awards include two Presidential Medals of Freedom, and he is the author of his best-selling autobiography, My American Journey. His second book, an instant New York Times best seller titled It Worked For Me (May 2012), reveals the lessons that shaped his life and career. As someone who crafted and articulated the U.S. position on the world stage, Powell provides insight on efforts to stabilize a troubled world and the diplomatic and leadership skills needed to transform unstable regions into areas where societies and cultures flourish.

For over fifty years, General Colin L. Powell, USA (Ret.) has devoted his life to public service. Having held senior military and diplomatic positions across four presidential administrations, Powell’s deep commitment to democratic values and freedom has been felt throughout the world.

The son of Jamaican immigrants, Powell was born in Harlem in April 1937 and was raised in the South Bronx. He was educated in the New York City public schools and after graduating from Morris High School attended the City College of New York where he earned a B.S. in Geology. It was not until he joined the Army ROTC program at CCNY that he discovered his calling and launched his military career. He received a commission as an Army second lieutenant upon graduation in 1958 and went on to serve in the United States Army for 35 years, rising to the rank of Four-Star General.

From 1987–1989 Powell served as President Ronald Reagan’s National Security Advisor. He served from 1989–1993 as Chairman of the Joint Chiefs of Staff for both President George H.W. Bush and for President Bill Clinton, and was not only the youngest officer and first ROTC graduate to ever serve in the position but also was the first African American to do so. During his time as Chairman, he oversaw 28 crises to include the Panama intervention of 1989 and Operation Desert Storm in the victorious 1991 Persian Gulf War.

Under President George W. Bush, Powell was appointed the 65th Secretary of State and was unanimously confirmed by the U.S. Senate. As Secretary of State, he led the State Department.
OPENING SESSION continued

in major efforts to address and solve regional and civil conflicts—in the Middle East, Sudan, Congo and Liberia, in the Balkans, Cyprus, Haiti, Northern Ireland, Afghanistan, Iraq and elsewhere. In all areas, he used the power of diplomacy to build trust, forge alliances and then help transform these unstable regions into areas where societies and cultures have the potential to prosper. He also worked at the forefront of American efforts to advance economic and social development worldwide.

Among the many U.S. Military awards and decorations Powell has received are the Defense Distinguished Service Medal (with 3 Oak Leaf Clusters), the Army Distinguished Service Medal (with Oak Leaf Cluster), Defense Superior Service Medal, Legion of Merit (with Oak Leaf Cluster), Soldier’s Medal, Bronze Star Medal and the Purple Heart. His civil awards include two Presidential Medals of Freedom, the President’s Citizens Medal, the Congressional Gold Medal and the Secretary of Energy Distinguished Service Medal. In addition, he has also received awards from over two-dozen countries to include a French Legion of Honor and an honorary knighthood bestowed by H.M. Queen Elizabeth II of Great Britain.

Powell is the Founder of the Colin L. Powell Center for Leadership and Service at his alma mater, the City College of New York. The Center is student-focused with a mission to develop a new generation of publicly engaged leaders. He is the Founder and Chairman Emeritus of the America’s Promise Alliance, dedicated to forging a strong and effective partnership alliance committed to seeing that children have the fundamental resources they need to succeed.

Currently Powell is a strategic limited partner at Kleiner Perkins Caufield & Byers, the renowned Silicon Valley venture capital firm, and is on the board of Bloom Energy. He is the Chairman of the Advisory Board of Leeds Equity Partners, a private equity firm focused on investments in the education, training, information and business services industries. He is also Chairman of the Eisenhower Fellowships, a cross-cultural program for emerging international leaders. He has previously served as a member of the Board of Trustees of Howard University, the Board of Directors of the United Negro College Fund, and the Board of Governors of the Boys & Girls Clubs of America.

Powell is a member of the board of directors of the Council on Foreign Relations. He is on the Executive Leadership Cabinet of the Martin Luther King, Jr. Memorial and is the Honorary Chairman of the education center for the Vietnam Veterans Memorial. He also serves on the board of the Smithsonian Institute’s African American Museum of History and Culture.

His autobiography, My American Journey, was a best seller and has been published in more than a dozen different languages. Powell’s second book, It Worked For Me (May, 2012), was an instant New York Times best seller and reveals the lessons that shaped his life and career.

Powell is married to the former Alma Vivian Johnson of Birmingham, Alabama. They live in McLean, Virginia and have three children and four grandchildren.

Presidential Address
ASHP President, Gerald E. Meyer, B.S., Pharm.D., MBA, FASHP,
Director of Experiential Education, Jefferson School of Pharmacy at Thomas Jefferson University Hospital, Philadelphia, PA

CEO Award for Staff Excellence
Presented by ASHP CEO Paul W. Abramowitz, Pharm.D., Sc.D.(Hon), FASHP
The CEO Award for Staff Excellence recognizes an individual staff member who, in addition to performing all his/her normal job duties with excellence, has also demonstrated exceptional initiative in contributing to ASHP. Specifically, this award recognizes a staff member who has provided an outstanding contribution by leading and/or developing a project of significant value for ASHP and/or has demonstrated sustained excellence over time to the advancement of ASHP.

Paula S. Tiedemann, Assistant General Counsel

Acknowledgement of the Donald E. Francke Medalist
Prof. Eduardo Savio, Ph.D., Director of Hospital Pharmacy Specialization, Faculty of Chemistry, UdelaR and, Head of Radiopharmacy R&D, Directive Board, Uruguayan Centre for Molecular Imaging, Montevideo, Uruguay

Eduardo Savio, Ph.D., is the President of the Pharmaceutical Forum of the Americas, which is dedicated to encouraging and supporting dialogue and cooperation among all national and regional pharmacy associations in the Americas. The Forum works to strengthen pharmacy practice in the Americas through the promotion and coordination of activities and projects with emphasis on the pharmacist’s role in national public health policies. The Forum’s members are the national pharmacy associations and councils of America and the International Pharmaceutical Federation (FIP), and the Pan American Health Organizations/Regional Office of World Health Organization.

Savio is active with the FIP and was recognized as an FIP Fellow in 2011. He served as the President of the National Pharmaceutical Association of Uruguay (1992-1994), where he contributed to the constitution of the South American Pharmacists’ Federation. He also served as President, Secretary, and Treasurer, and chaired its Annual Congress three times.
Savio is Head of Nuclear Pharmacy Research and Development at the Uruguayan Center of Molecular Imaging, as well as Academic Director of Hospital Pharmacy Specialization for Uruguay’s University of the Republic.

He received his pharmacy degree and his doctorate in pharmacology and nuclear pharmacy from Uruguay’s National University and has post-graduate training in L’Avergne University (France), Nottingham University (UK) and Uppsala University (Sweden).

ASHP Board of Directors Awards

ASHP AWARD FOR DISTINGUISHED LEADERSHIP IN HEALTH-SYSTEM PHARMACY PRACTICE

James G. Stevenson, Pharm.D., FASHP,
Chief Pharmacy Officer, University of Michigan Health System; Professor and Associate Dean for Clinical Sciences, and Chair, Department of Clinical, Social, and Administrative Sciences, University of Michigan College of Pharmacy

James G. Stevenson, Pharm.D., FASHP, is recognized for his sustained history of excellence in health-system pharmacy leadership, having devoted his career to advancing the profession and improving patient care. In addition to his leadership in health care administration, his career has focused on advancing medication safety, informatics, health outcomes, and pharmacoeconomics.

Stevenson is Chief Pharmacy Officer for the University of Michigan Hospitals and Health Centers, as well as Chair of the Department of Clinical, Social and Administrative Sciences for the University of Michigan College of Pharmacy. He previously served as Executive Director of Pharmacy Services for the eight-hospital Detroit Medical Center. Earlier positions include Director of Pharmacy Services at Detroit Receiving Hospital and University Health Center and Director of the Graduate Program in Health Systems Pharmacy Management at the Wayne State University College of Pharmacy. After graduating from Wayne State University, he joined the faculty of the West Virginia University School of Pharmacy and served as Director of Pharmaceutical Services at West Virginia University Hospitals.

Stevenson is the treasurer of the Hospital Pharmacy Section of the International Pharmaceutical Federation has played an active role with state and national pharmacy organizations, including serving on the Board of Directors for ASHP. He currently serves on the Michigan Board of Pharmacy. Stevenson’s many honors include being recognized as Pharmacist of the Year by both the Michigan Society of Health-System Pharmacists and the Michigan Pharmacists Association, and receiving the John W. Webb Lecture Award in 2010. Stevenson also has an impressive track record of sustained contributions to the literature, specifically in the areas of improving the quality of patient care and developing innovative pharmacy services.

ASHP Board of Directors Award of Honor

Judy L. Smetzer, RN, BSN, FISMP,
Vice President, Institute for Safe Medication Practices

Judy Smetzer, RN, BSN, FISMP, is recognized for her extraordinary contributions to the national and international health care community that have improved the safe use of medications. A prolific voice in the field, she has had a major influence on U.S. hospitals and practitioners, as well as regulatory authorities such as the Food and Drug Administration, the Center for Disease Control, the Centers for Medicare & Medicaid Services, and accreditation organizations such the Joint Commission. She has been a champion of several key movements in patient safety, including system-based causes of errors, the role of human factors in error prevention, and Just Culture. Smetzer has made tremendous contributions in health care education as well, serving as a faculty member for the Institute for Healthcare Improvement and has presented during numerous educational sessions, in the U.S. and internationally, on medication safety for nurses, pharmacists, and physicians.

Smetzer currently serves as Vice President at the Institute for Safe Medication Practices (ISMP). She is one of the authors and editors of five ISMP newsletters that reach hospitals, community pharmacies, long-term care facilities, and consumers. During the past five years, Smetzer has been working on several research projects related to hospital medication safety and pharmacy management, including the development of specialized software to help quantify medication risks in pharmacies and an updated ISMP Medication Safety Self-Assessment for Hospitals. Smetzer is a Certified Champion in Just Culture and has helped lead cultural change in many health care organizations.

ASHP Research and Education Foundation

2013 Award for Excellence in Medication-Use Safety

Presented by Diane B. Ginsburg, M.S., R.Ph., FASHP
Supported by a grant from the Cardinal Health Foundation.
special events & activities

11:00am–12:00pm  W207 A, Level 2
 picker Technician Meet and Greet Networking Session
Join other technician attendees and kick off The Midyear 2013 greeting colleagues and making new friends.

4:45pm–5:45pm  West Concourse, Level 4 (across from W414 A)
International Registrants Gathering and Reception
International registrants are invited to join their colleagues and friends from around the world at this special reception. It is the perfect opportunity to network and enjoy light hors d’oeuvres in a casual setting.

WEDNESDAY, DECEMBER 11

10:00am–11:00am  Chapin Theater W320, Level 3
Spotlight on Science
Conventional and Unconventional Wisdom: Emerging Approaches to Oncology Drug Dosing and Implications for Health-System Pharmacy

Tips for Attending: Please enter on Level 3. Please fill all seats and do not leave empty seats in-between.

Featured Speaker: Mark J. Ratain, M.D.
Leon O. Jacobson Professor of Medicine
Director, Center for Personalized Therapeutics
Associate Director for Clinical Sciences, Comprehensive Cancer Center
The University of Chicago

Dr. Ratain is a graduate of Harvard College (A.B., 1976) and Yale University School of Medicine (M.D., 1980). His postgraduate training was completed at Johns Hopkins Hospital (Internal Medicine, 1980-83) and the University of Chicago Hospitals (Hematology/Oncology, 1983-86). He has been a faculty member in the Department of Medicine at The University of Chicago since 1986, and is currently the Leon O. Jacobson Professor of Medicine, the Director of the Center for Personalized Therapeutics and Chief Hospital Pharmacologist. In addition, he serves as the Associate Director for Clinical Sciences in the University’s Comprehensive Cancer Center, leads the University of Chicago’s phase I oncology trials program and is co-director of the Pharmacogenomics of Anticancer Agents Research Group. Dr. Ratain’s research focuses on the development of new oncology drugs and diagnostics, and he is an international leader in phase I clinical trials, pharmacogenomics, and clinical trial methodology, with over 250 original publications. He served as the first chair of the Steering Committee of the National Institutes of Health Pharmacogenetics Research Network, as well as one of the first co-chairs of the National Cancer Institute Investigational Drug Steering Committee. He currently serves as co-Editor of Pharmacogenetics and Genomics, and is a past Associate Editor of the Journal of Clinical Oncology. He is the recipient of multiple awards, including the Research Achievement Award in Clinical Pharmacology and Translational Research from the American Association of Pharmaceutical Scientists, the Rawls-Palmer Progress in Medicine Award from the American Society for Clinical Pharmacology and Therapeutics, the Translational Research Professorship from the American Society of Clinical Oncology, and a Honorary Fellowship from the American College of Clinical Pharmacology.

The following awards will also be presented:
ASHP Research and Education Foundation 2013 Literature Awards
ASHP Research and Education Foundation 2013 Award for Sustained Contributions to the Literature of Pharmacy Practice, presented to Dr. Marie A. Chisholm-Burns, PharmD, MPH, FCCP, FASHP, Dean and Professor, University of Tennessee Health Science Center College of Pharmacy

For more information see page 81.

11:15am–12:15pm  W207 A, Level 2
Ambulatory Care Town Hall
ASHP leadership will provide an overview and engage town hall participants in a discussion of ASHP’s activities surrounding the expansion of pharmacy practice in ambulatory care. Establishing pharmacists as one of the recognized health care providers managing chronic diseases with medications is a top priority for ASHP. The town hall will provide an opportunity for meeting participants to have their questions answered regarding ASHP’s focus on this priority, and provide advice on how the Society can contribute to future advancements in ambulatory care practice.

FREE Wi-Fi
Available in all meeting rooms and public concourse areas. Select the network ASHP on your device and use password Midyear13.
(Please limit usage to 20 minutes)
ASHP’s Evening of Adventure

7:00pm–11:00pm

Universal’s Islands of Adventure® Theme Park

Get ready for one of the most incredible parties ASHP has ever thrown — an unforgettable celebration at Universal’s Islands of Adventure® theme park. All night long, you’ll have unlimited and exclusive access to some of the most amazing theme park rides and attractions in Orlando because we’ve reserved The Wizarding World of Harry Potter™, Marvel Super Hero Island®, The Lost Continent®, and Seuss Landing™ just for you!

You’ll soar above the Hogwarts™ grounds as you join Harry Potter™ and his friends on the groundbreaking thrill ride, Harry Potter and the Forbidden Journey™. You’ll swing into action high above the streets on The Amazing Adventures of Spider-Man®. You can explore ancient myths and legends in The Lost Continent. Plus, you’ll step right into the pages of Dr. Seuss’s unforgettable tales and characters on rides like The Cat in the Hat™. It’s an entire evening of thrills and excitement—and it’s all yours!

During the event you’ll also enjoy the following:

ATTR ACTIONS
- Flight of the Hippogriff™
- Dragon Challenge™
- The Incredible Hulk Coaster®
- Doctor Doom’s Fearfall®
- Storm Force Accelatron®
- Mystical Fountain
- Poseidon’s Fury®
- Caro-Seuss-El™

ENTERTAINMENT
- Live DJ Entertainment
- Kingpin’s Arcade® on cash play
- The Wizarding World of Harry Potter™ entertainment
  - Triwizard Spirit Rally
  - Frog Choir Performances
  - Ollivanders™

Start planning your adventure today!

IMPORTANT ADVENTURE DETAILS

Ticket Information
Event tickets (an entrance ticket and a drink ticket) are included in the full registration fee and exhibitor registration. The entrance ticket is required to gain access into Universal’s Islands of Adventure® and the drink ticket entitles the holder to one (1) complimentary beer, wine, or call brand drink from select venues and beverage carts throughout the theme park (holder must be 21 years or older to redeem for a drink). Additional event tickets may be purchased at the Ticket Sales counter in the Registration area (Registration A, Level 1). Event tickets are $60 and must be purchased no later than 3:00pm on Wednesday (children 3 and under are free). There are no refunds for this event. Lost tickets will not be replaced.

Food and Beverage
Complimentary snacks and non-alcoholic beverages will be served from carts and stations throughout the theme park streets. Still hungry? Relax and enjoy a delicious meal at one of the many award-winning restaurants open throughout the Park (not included in the event ticket).

Shuttle Information
Shuttle service will be provided to/from Universal’s Islands of Adventure® and all official Midyear hotels. See page 130 for the complete schedule.

After Party
Still energized by your evening of unforgettable adventure? Continue the party at the Universal City Walk® where your meeting badge is your CityWalk Party Pass and gains you free access to CityWalk owned and operated clubs (subject to availability). Included are: Red Coconut Club®, Bob Marley — A Tribute to Freedom®, Pat O’Brien’s®, CityWalk’s Rising Star and the grooveSM.

HARRY POTTER, characters, names and related indicia are trademarks of and © Warner Bros. Entertainment Inc. Harry Potter Publishing Rights © JKR. (s13) © MARVEL. Dr. Seuss properties TM & © 2013 Dr. Seuss Enterprises, L.P. All rights reserved. • Universal elements and all related indicia TM & © 2013 Universal Studios. © 2013 Universal Orlando. All rights reserved.
All rooms are located in the **Orange County Convention Center’s West Building** unless otherwise noted.

Unless otherwise noted, the following applies to all workshops:
- On-site registration may or may not be available, space permitting. If onsite registration is available for a particular workshop, proceed to Registration (Registration A, Level 1).
- Refreshments: Lunch included for all **full-day** workshops unless otherwise noted.

**SATURDAY, DECEMBER 7**

**8:00am–12:00pm**  
**W306 A, Level 3**

### Design Your Residency Program for Success: Residency Learning System (RLS) for PGY1 Residency Programs Starting Within a Year Workshop

**ACTIVITY #0204-0000-12-230-L04-P**  
**4.00 CONTACT HOURS/APPLICATION-BASED**

**On-site Workshop Fee:** $235 (space permitting)  
**Faculty:** Wayne Conrad, PharmD, FASHP

This workshop covers Principle 4 of the ASHP’s Pharmacy Residency Accreditation Standard with emphasis on the design elements of the residency program. It is designed for programs that have not yet started but are in the planning phase. This workshop will ensure that your planning process for the design of the residency program is in compliance with the Standard and will get your program off to a good start.

**Learning Objectives:**
- Prepare purpose statements, select elective outcomes, and prepare program structure using the principles of the RLS.
- Assign goals to learning experiences in a manner that facilitates effective teaching and evaluation.
- Determine appropriate learning activities for specified learning experience goals and objectives.
- Explain requirements for assessment and customization of the resident’s training plan.
- Explain requirements for effective precepting the residency program quality improvement process.

**8:00am–5:00pm**  
**W304 B, Level 3**

### PharmPrep Live! A Board Review Workshop

**On-site Workshop Fee:** $95  
**Faculty:** Lawrence J. Cohen, PharmD, BCPP, FASHP; Diane B. Ginsburg, MS, RPh, FASHP; Charles W. Jastram, PharmD, FASHP; James Karboski, PharmD; Debra A. Lopez, PharmD; Jason M. Vaughn, PhD; John L. Woon, PharmD, FASHP

**Note:** Lunch is not included. Participants will receive a 15-month subscription online access to ASHP’s PharmPrep Online—an $89 value! **Don’t forget to bring a calculator!**

Preparing for the Pharmacy Board Exam? We’ve got the workshop for you! Ask around—faculty, advisors, and workshop alum will all agree that this is the “must attend” board review of the year. The editors of *ASHP’s PharmPrep Interactive Case-

**8:00am–5:00pm**  
**W304 G, Level 3**

### Residency Learning System (RLS) Workshop

**ACTIVITY #0204-0000-11-291-L04-P**  
**8.00 CONTACT HOURS/APPLICATION-BASED**

**On-site Workshop Fee:** $440 (space permitting)  
**Faculty:** Margaret Chrymko, PharmD; Kate Farthing, PharmD, BCPS, FASHP; Anne Lesko, PharmD; Kimberly Mattox, PharmD; William Miller, BS, MSc, PharmD, FASHP; Steven Pass, PharmD; Beth Phillips, PharmD, BCPS; David J. Warner, PharmD

Residency program directors learn how to meet accreditation standards for the design, delivery, and evaluation of training. Review the nine steps of the residency learning system process. Explore development of customized plans, assessment of resident performance, and making sound criteria-based judgments. Practice key precepting skills such as giving effective feedback. Areas most frequently flagged by surveyors as needing improvement will be identified and receive special emphasis.

You must select one of the following areas when registering:

<table>
<thead>
<tr>
<th>Room Assignments:</th>
</tr>
</thead>
</table>

### Room Assignments:

**PGY1 New Programs**  
**W304 E, Level 3**

**PGY1 Existing Programs**  
**W303 B, Level 3**

**PGY2 New and Existing Programs**  
**W304 G, Level 3**

**Learning Objectives:**
- Define a residency program’s purpose, structure, outcomes, goals, objectives, and learning experiences; and how to customize them for individual residents.
- Designate appropriate learning activities for given objectives and learning experiences.
- Apply skills for giving criteria-base assessment feedback and designing assessment strategies for specified learning experiences.
- In given cases, apply effective precepting skills, including use of appropriate preceptor teaching roles and monitoring resident progress.
- Identify elements of an effective residency quality improvement program, including preceptor development plans.

For presenter affiliations see Presenter Index
8:00am–5:00pm  W305 A, Level 3

**Basic Statistics: A Non-Threatening Approach to the Use of Statistics in Clinical Trials 2013**

**Activity #0204-0000-13-261-L04-P**
7.50 Contact Hours/Applicatin-Based

**On-site Workshop Fee: $440 (space permitting)**

**Faculty:** James E. DeMuth, PhD

Learn how to apply basic statistical tests to research reports typically seen in medical literature. This workshop explores the most commonly used tests including t-tests, analysis of variance, tests for equivalence, Z-test of proportions, odds ratios and relative risk ratios, chi-square, correlation, and linear regression. Practical examples and problems drawn from scientific research will be used to illustrate statistical concepts and mathematical procedures. Emphasis is on the appropriate use of statistics and the interpretation of their results.

---

**Learning Objectives:**

- Define statistical terms commonly encountered in the literature.
- List various graphic and numeric methods for presenting descriptive statistics.
- Discuss the major types of variables and define the general rule of probability in inferential statistics.
- Select the appropriate statistical test given the type of data presented.
- Evaluate example problems to identify the type of variables involved and the most appropriate statistical test(s) to use.
Super Sunday: Pharmacotherapy or Ambulatory Care Recertification Intensives

An additional registration fee is required for these activities. Register on-site at ASHP Midyear Registration A, Level 1. Prices do not include the $50 cost for those who wish to take the recertification exam. Registration is limited. Lunch is not included.

9:30am–12:30pm  W109 A, Level 1

Ambulatory Care Intensive Study A: Mental Health Issues and Antimicrobial Stewardship in Ambulatory Care

ACTIVITY #0204-9999-13-959-L01-P
3.00 CONTACT HOURS/APPLICATION-BASED

Faculty: Mark Schneiderhan, PharmD, BCPP; Heather Draper, PharmD, BCPS

This session provides a half-day condensed, advanced level program in contemporary topics for ambulatory care pharmacy professionals. Topics include antimicrobial stewardship/resistance and mental health issues in the ambulatory care setting. Faculty will focus on new knowledge and patient care problems in ambulatory practice. This session is part of the ASHP/APHa professional development program for recertification of Board Certified Ambulatory Care Pharmacists (BCACP) approved by the Board of Pharmacy Specialties (BPS).

2:00pm–5:00pm  W109 A, Level 1

Ambulatory Care Intensive Study B – Meet the Walkers: Prevention, Management and Public Health Matters

ACTIVITY #0204-9999-13-960-L04-P
3.00 CONTACT HOURS/APPLICATION-BASED

Faculty: Seena Haines, PharmD, BC-ADM, BCACP, CDE; Jenny VanAmburgh, PharmD, BCACP, CDE

This session provides a half-day condensed, advanced level program in contemporary topics for ambulatory care pharmacy professionals and will focus on public health issues in the ambulatory care setting including immunization, smoking cessation, obesity, and health screenings. This session is part of the ASHP/APHa professional development program for recertification of Board Certified Ambulatory Care Pharmacists (BCACP) approved by the Board of Pharmacy Specialties (BPS).

9:30am–12:30pm  W109 B, Level 1

Pharmacotherapy Intensive Study A: Carbapenem Resistance and Febrile Neutropenia

ACTIVITY #0204-0000-13-961-L01-P
3.00 CONTACT HOURS/APPLICATION-BASED

Faculty: Jason M. Pogue, PharmD, BCPS-ID; Larry Buie, PharmD, BCOP

This session provides a half-day condensed, advanced level program in contemporary topics for pharmacotherapy professionals. Faculty will focus on new knowledge and patient care problems in pharmacotherapy practice. Topics include Carbapenem-resistant Enterobacteriaceae (CRE) and febrile neutropenia. This session is part of the ASHP professional development program for recertification of Board Certified Pharmacotherapy Specialists (BCPS) approved by the Board of Pharmacy Specialties (BPS).

2:00pm–5:00pm  W109 B, Level 1

Pharmacotherapy Intensive Study B: Evaluating Clinical Trials in Cardiology

ACTIVITY #0204-0000-13-962-L01-P
3.00 CONTACT HOURS/APPLICATION-BASED

Faculty: Snehal Bhatt, PharmD, BCPS; Linda Tyler, PharmD

This advanced-level session provides programming on contemporary topics for busy pharmacotherapy professionals in a condensed half-day format. Key clinical studies in cardiology will be discussed with faculty providing an analysis of the study design and statistics used in the trials. The applicability of the studies to current practice will also be addressed by faculty. This session is part of the ASHP professional development program for recertification of Board Certified Pharmacotherapy Specialists (BCPS) approved by the Board of Pharmacy Specialties (BPS).

BCACP Recertification:
The intensive studies are part of the ASHP/APHa professional development program for recertification of Board Certified Ambulatory Care Pharmacists (BCACP) approved by the Board of Pharmacy Specialties (BPS). In the session room, you must register as a participant for the recertification program.

To earn recertification credit from the BCACP Recertification Intensive Study, BCACPs must attend the entire three hour session and successfully complete the online assessment by the deadline. Only completed tests will be eligible for credit; no partial or incomplete tests will be processed. The recertification exam fee is $50. After the Midyear Clinical Meeting, program participants will receive email instructions to purchase and access the test. The recertification exam must be completed by August 18, 2014.

Note: Recertification hours will count towards the year in which the recertification exam expires NOT the day you participated in the activity therefore this activity will count toward 2014 recertification hours. BCACPs may participate in the BCACP Recertification Intensive Study as many times as they wish throughout their 7-year certification cycle to attain the required recertification credit.

For more information on the ASHP/APHa professional development program for recertification of Board Certified Ambulatory Care Pharmacists (BCACP) go to www.ashp.org/certifications.
**BCPS Recertification:**
The intensive studies are part of the ASHP professional development program for recertification of Board Certified Pharmacotherapy Specialists (BCPS) approved by the Board of Pharmacy Specialties (BPS). In the session room, you must register as a participant for the recertification program. To earn recertification credit from the BCPS Recertification Intensive Study, BCPSs must attend the entire three hour session and successfully complete the online assessment by the deadline. Only completed tests will be eligible for credit; no partial or incomplete tests will be processed. The recertification exam fee is $50. After the Midyear Clinical Meeting, program participants will receive email instructions to purchase and access the test. The recertification exam must be completed by August 18, 2014.

**Note:** Recertification hours will count towards the year in which the recertification exam expires NOT the day you participated in the activity therefore this activity will count toward 2014 recertification hours. BCPSs may participate in the BCPS Recertification Intensive Study as many times as they wish throughout their 7-year certification cycle to attain the required recertification credit.

For more information on the ASHP professional development program for recertification of Board Certified Pharmacotherapy Specialists (BCPS) go to www.ashp.org/certifications.

---

**NEW at The Midyear: Pharmacotherapy Review and Recertification Course**

**Saturday**
7:30am–6:00pm  
W110 A, Level 1

**Sunday**
7:30am–5:50pm  
W110 A, Level 1

**Finally! A high-level review course for pharmacists preparing to take the BPS Pharmacotherapy Specialty Certification Exam in 2014.**

This complete two-day course provides a robust preparatory curriculum for the high level pharmacy professional planning to take the examination, or those seeking recertification or a refresh in therapeutics. Designed based on the domains, tasks, and knowledge statements developed by BPS for the examination, the course will help you prepare for the exam by identifying areas needed for in-depth review of pharmacotherapy issues by:
- Reviewing pertinent clinical topics and practice skills
- Providing exam practice questions
- Listing valuable resources for further self-study

---

**THE ASHP DIFFERENCE: Why we are the best choice for BPS prep and recertification**

Developed by the leading continuing education provider in the country, and the leading preparatory content experts and faculty, this course is different than your average review course. Our complex case-based, interactive approach goes against the didactic learning norm, and engages the attendee in a way that is sure to have a meaningful and lasting impact on their practice.

Review course participants follow “patients” in real life scenarios from initial presentation, medical history, risk factors, and complications throughout their treatments and outcomes. Participants learn as they apply various treatment options based on national standards and guidelines. Strong emphasis is placed on the thought processes needed to solve patient care problems in each therapeutic area. As patient cases are discussed, faculty members are there to present the best answer to questions that illustrate key concepts.

Prepare for the BPS Pharmacotherapy Specialty Certification Examination with this cutting-edge educational program! Highlights of the ASHP review course include:
- Interesting, application-based review course approach using complex, case-based interactive learning for high level practitioners and specialists
- Includes regulatory and population health issues not covered in other review courses, which accounts for 20% of the BPS exam
- Every topic area contains public health and patient advocacy information
- Participants are given a workbook containing 100+ practice questions with explained answers and links to original references
- Complete coverage needed to confidently prepare for the exam in only 2 days! Saving you time away from work and home, and drastically reducing travel expenses

**Registration Rates**
This Review Course is held in conjunction, but separately, from The Midyear, and requires an additional registration fee. You do not have to be registered for The Midyear to attend.

<table>
<thead>
<tr>
<th></th>
<th>ASHP Member</th>
<th>Non-member</th>
</tr>
</thead>
<tbody>
<tr>
<td>On-site</td>
<td>$645</td>
<td>$935</td>
</tr>
<tr>
<td>Resident On-site</td>
<td>$450</td>
<td>$655</td>
</tr>
</tbody>
</table>

To view the Course Agenda, Faculty listing, and Learning Objectives; and to register for the Review Course, visit The Midyear website www.ashp.org/midyear2013 and click on the “Education” tab.

Offered by the American Society of Health-System Pharmacists. Planned by the ASHP Sections of Clinical Specialists and Scientists.
GREAT EXPECTATIONS LIVE
FOR NEW PRACTITIONERS

Are you in your first five years of pharmacy practice? You’re probably still finding your way — and your concerns, needs, and interests aren’t the same as those of your colleagues who are seasoned practitioners.

That’s why Great eXpectations Live — developed by ASHP to address the unique needs of new practitioners — is now a part of the Midyear Clinical Meeting. As a conference-within-a conference, Great eXpectations Live is the place for you to explore workplace challenges, mentorship, and clinical issues in an encouraging, motivational atmosphere.

Best of all, entry into Great eXpectations Live is included in your full Midyear registration fee!

Ensure your success. Spend your weekend in Great eXpectations Live, and see your way to a great future.

**Saturday: Career Development**
From navigating organizational politics, to publishing your work, to conquering a certification exam, heaven knows you’re in over your head when it comes to advancing your career. Learn tips and tricks that your colleagues have used to not only make your career more successful, but more rewarding too.

**Sunday: Mastering Your Clinical Practice**
You’ve earned the right to be a member of the healthcare team and, on a day-to-day basis, must demonstrate you are competent, professional, intelligent, and credible. Learn ways to improve your clinical skills, regardless of your area of practice.

---

### SATURDAY

**Career Development**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>9:00am</td>
<td>Smooth Transitions: Aligning Expectations of the First 90 Days</td>
</tr>
<tr>
<td>10:00am</td>
<td>Creating Culture Through Managing Perceptions And Relationships</td>
</tr>
<tr>
<td>11:00am</td>
<td>Lunch on Own</td>
</tr>
<tr>
<td>12:00pm</td>
<td>Big L. vs Little L.: Perspectives on Management and Leadership in 2013</td>
</tr>
<tr>
<td>2:00pm</td>
<td>Networking Energy Break</td>
</tr>
<tr>
<td>3:00pm</td>
<td>Adapting To Life as a New Practitioner: The Successes, Challenges, and Opportunities</td>
</tr>
</tbody>
</table>

### SUNDAY

**Mastering Your Clinical Practice**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:30am</td>
<td>10 Years of Waiting: Find Out About the Latest Updates in Hypertension and Lipid Guidelines</td>
</tr>
<tr>
<td>10:15am</td>
<td>Applying the Basics of Antifungal Resistance to Clinical Practice</td>
</tr>
<tr>
<td>11:00am</td>
<td>Lunch on Own</td>
</tr>
<tr>
<td>1:00pm</td>
<td>Combination Antimicrobial Therapy and Optimal Beta-Lactam Administration: Pro/Con Debates in ID</td>
</tr>
<tr>
<td>3:00pm</td>
<td>Updates in the Management of Septic Shock: Application of International Guidelines</td>
</tr>
</tbody>
</table>

---

### GREAT EXPECTATIONS LIVE
FOR NEW PRACTITIONERS

All rooms are located in the Orange County Convention Center’s West Building unless otherwise noted.
SATURDAY, DECEMBER 7

9:00am–10:30am

Smooth Transitions: Aligning Expectations of the First 90 Days

Planned in cooperation with the ASHP Section of Pharmacy Practice Managers and the ASHP New Practitioners Forum

ACTIVITY #0204-0000-13-300-L04-P/0204-0000-13-300-L04-T
LEVEL OF CONTENT: GENERAL INTEREST
1.50 CONTACT HOURS/KNOWLEDGE-BASED

Program Chair/Moderator: Elaine Mebel, PharmD, MS

Learning Objectives:
- Summarize two key leadership strategies necessary for successful career transitions.
- Explain what differentiates a good transition from a poor transition when navigating political and cultural challenges.
- Using a set of criteria, recommend effective strategies for navigating several career transitions.
- Develop a personal transition plan of attack for your next career transition.

Weathering Environmental Issues in the Workplace, Lindsay Massey, PharmD, MS
The Highs and Lows of Effective Change Management, Melissa A. Ortega, PharmD, MS
How to Adapt When the Forecast Changes, Kelly L. Martin, PharmD, MS
Developing Your Career Transition Plan, Kelly L. Martin, PharmD, MS; Melissa A. Ortega, PharmD, MS; Lindsay Massey, PharmD, MS

10:45am–11:45am

Creating Culture Through Managing Perceptions And Relationships

Planned in cooperation with the ASHP New Practitioners Forum

ACTIVITY #0204-0000-13-301-L04-P/0204-0000-13-301-L04-T
LEVEL OF CONTENT: GENERAL INTEREST
1.00 CONTACT HOURS/APPLICATION-BASED

Program Chair/Moderator: Lindsey R. Kelley, PharmD, MS

Learning Objectives:
- Explain why poor staff morale can impact our ability to care for patients.
- Describe two approaches to resolving conflict in professional environments.
- Apply presented approaches for conflict resolution and describe how they may be used in your setting.

Spectacular Vernacular: Well Done is Better Than Well Said, Kelly Wright, RPh, MS
In the Heat of the Plight: Effective Communication When It Matters, Jeff Little, PharmD, MPH

1:00pm–2:45pm

Big L. vs Little L.: Perspectives on Management and Leadership in 2013

Planned in cooperation with the ASHP Section of Pharmacy Practice Managers and the ASHP New Practitioners Forum

ACTIVITY #0204-0000-13-303-L04-P/0204-0000-13-303-L04-T
LEVEL OF CONTENT: GENERAL INTEREST
1.75 CONTACT HOURS/KNOWLEDGE-BASED

Program Chair/Moderator: Joanna Lewis, PharmD, MBA

Learning Objectives:
- Name the qualities that differentiate a leader from a manager.
- Describe current challenges in our profession and why it is important to possess leadership qualities.
- Discuss why and how you have to lead yourself exceptionally well to lead others.
- Explain how to lead across by completing your fellow leaders.
- List other leadership strategies and skills that are necessary in our current climate of change.

Leadership vs. Management, Sara White, PharmD, RPh, FASHP
Managing and Leading as a Chief Pharmacy Officer, Scott J. Knoer, MS, PharmD, FASHP
Managing and Leading as a Pharmacy Manager, John S. Clark, PharmD, MS, FASHP
Managing and Leading as a Pharmacist, Wayne R. Marquardt, BS, RPh

2:45pm–3:15pm

Networking Energy Break

There is no better time to meet fellow residents and new practitioners than here. Flex your networking skills while learning interesting and helpful information. We’ll provide the energizing snacks for you to network network network!

3:15pm–4:45pm

Adapting To Life as a New Practitioner: The Successes, Challenges, and Opportunities

Planned in cooperation with the ASHP New Practitioners Forum

ACTIVITY #0204-0000-13-304-L04-P
LEVEL OF CONTENT: GENERAL INTEREST
1.50 CONTACT HOURS/KNOWLEDGE-BASED

Program Chair/Moderator: Stephen J. Davis, PharmD, MS

Learning Objectives:
- Develop strategies for handling new or unanticipated responsibilities as a new practitioner.
- Recommend strategies for avoiding typical mistakes and potential career limiting moves made by new practitioners.
- Describe opportunities to differentiate yourself as a new practitioner.

Successes as a New Practitioner, Philip Brummond, PharmD, MS
Challenges Faced by New Practitioners, Stephen J. Davis, PharmD, MS
Opportunities to Differentiate Yourself, Michael DeCoske, PharmD

48th ASHP Midyear Clinical Meeting and Exhibition 39
Great eXpectations Live for New Practitioners

SUNDAY, DECEMBER 8

8:00am–9:00am W311 B, Level 3

Newest Drugs of Abuse: Spice, Bath Salts, Salvia and Beyond

Planned in cooperation with the ASHP Section of Ambulatory Care Practitioners

ACTIVITY #0204-0000-13-305-L01-T
LEVEL OF CONTENT: GENERAL INTEREST
1.00 CONTACT HOURS/KNOWLEDGE-BASED

Program Chair/Moderator: Jennifer M. Strickland, PharmD, BCPS

Presenters: Ernest J. Dole, PharmD; Angela G. Huskey, PharmD, CPE; Jennifer M. Strickland, PharmD, BCPS

Learning Objectives:
- Identify new natural and synthetic drugs of abuse.
- Identify common symptoms consistent with specific synthetic or natural drugs of abuse.
- Describe a monitoring plan to identify and manage patients using newer natural and synthetic drugs of abuse.

9:15am–10:15am W311 B, Level 3

The Ideal Clinical Practice: Myth or Reality

Planned in cooperation with the ASHP New Practitioners Forum

ACTIVITY #0204-0000-13-308-L04-P
LEVEL OF CONTENT: INTERMEDIATE
1.00 CONTACT HOURS/APPLICATION-BASED

Program Chair/Moderator: Asad E. Patanwala, PharmD, BCPS

Learning Objectives:
- Design an innovative clinical pharmacy service.
- Recommend methods to show the value of clinical pharmacy services.
- Prioritize clinical pharmacy services that maximize the use of cognitive skills and ensure patient safety.

10:15am–11:45am W312 B, Level 3

Where Am I and Where Am I Going? Becoming and Motivating Clinical Leadership

Planned in cooperation with the ASHP Section of Clinical Specialists and Scientists and the ASHP New Practitioners Forum

ACTIVITY #0204-0000-13-309-L04-P
LEVEL OF CONTENT: GENERAL INTEREST
1.50 CONTACT HOURS/KNOWLEDGE-BASED

Program Chair/Moderator: Aaron Steffenhagen, PharmD, BCPS

Learning Objectives:
- Describe how to design an individual plan to advance yourself as a clinical leader.
- Identify qualities and skills to be successful in mentoring others.
- Identify skills and tactics to develop and motivate clinical leaders of tomorrow.

8:30am–10:30am W311 F, Level 3

Literature Evaluation Tapas: Digestible Portions of Info on Infrequently Encountered Trial Designs

Planned in cooperation with the ASHP New Practitioners Forum

ACTIVITY #0204-0000-13-306-L04-P
LEVEL OF CONTENT: INTERMEDIATE
1.50 CONTACT HOURS/APPLICATION-BASED

Program Chair: Lindsay Davison, PharmD
Moderator: Amy Heck Sheehan, PharmD

Learning Objectives:
- Interpret key components of infrequently encountered study designs.
- Assess the biostatistical methods used in infrequently encountered study designs.
- Evaluate a piece of drug literature for strengths, limitations, and impact on practice.

Non-Inferiority Trials, Lindsay Davison, PharmD
Meta-Analyses, Robert D. Beckett, PharmD, BCPS

8:30am–10:00am W312 B, Level 3

10 Years of Waiting: Find Out About the Latest Updates in Hypertension and Lipid Guidelines

Planned in cooperation with the ASHP Section of Clinical Specialists and Scientists and the ASHP New Practitioners Forum

ACTIVITY #0204-0000-13-307-L01-P
LEVEL OF CONTENT: INTERMEDIATE
2.00 CONTACT HOURS/APPLICATION-BASED

Program Chair/Moderator: Joel C. Marrs, PharmD, BCPS (AQ Cardiology)
A Critical Review of Critical Care Guidelines

Planned in cooperation with the ASHP New Practitioners Forum

ACTIVITY #0204-0000-13-310-L01-P
LEVEL OF CONTENT: INTERMEDIATE
1.50 CONTACT HOURS/APPLICATION-BASED

Program Chair/Moderator: Jeffrey F. Barletta, PharmD, FCCM

Learning Objectives:
- Develop strategies to assess the recommendations made in evidence based guidelines.
- Interpret key updates to evidence based guidelines in critical care medicine.
- Develop strategies to implement guidelines and assess their impact at the local level.

‘Honey I Shrunk the Evidence’ - The Evidence in Evidence-Based Guidelines, Brian Erstad, PharmD, FASHP
‘Wake up Sleeping Beauty’ - Key Updates in Critical Care Guidelines, Jeffrey F. Barletta, PharmD, FCCM
‘Speedway to Tomorrowland’ - Strategies to Implement Guidelines and Assess Outcomes, Mitchell S. Buckley, PharmD, BCPS

Applying the Basics of Antiinfective Resistance to Clinical Practice

Planned in cooperation with the Society of Infectious Diseases Pharmacists and the ASHP Section of Clinical Specialists and Scientists, and the ASHP New Practitioners Forum

ACTIVITY #0204-0000-13-311-L01-P
LEVEL OF CONTENT: INTERMEDIATE
1.00 CONTACT HOURS/KNOWLEDGE-BASED

Program Chair/Moderator: Jason J. Schafer, PharmD, BCPS

Learning Objectives:
- Describe the four mechanisms responsible for bacterial resistance to antibiotics.
- Explain how to choose optimal antibiotic pharmacotherapy for a resistant infection.
- Identify and describe the principles of drug resistance in HIV medicine.
- Apply principles of HIV resistance to select an antiretroviral drug regimen.

The Basics of Antibacterial Resistance, Jason C. Gallagher, PharmD, BCPS
The Basics of Antiretroviral Resistance, Jason J. Schafer, PharmD, BCPS

Combination Antimicrobial Therapy and Optimal Beta-Lactam Administration: Pro/Con Debates in ID

Planned in cooperation with the ASHP New Practitioners Forum

ACTIVITY #0204-0000-13-312-L01-P
LEVEL OF CONTENT: ADVANCED
2.00 CONTACT HOURS/KNOWLEDGE-BASED

Program Chair/Moderator: Simon Lam, PharmD

Learning Objectives:
- Describe the potential advantages associated with continuous or extended interval infusions of beta lactams.
- List the practical limitations associated with continuous or extended interval infusions of beta lactams.
- Summarize the clinical evidence in support for combination gram negative therapy.
- Identify patient groups which may benefit from single agent gram negative coverage.

Pro: Combination Gram-Negative Antimicrobials, Garrett Schramm, PharmD
Con: Combination Gram-Negative Antimicrobials, Meghan N. Jeffres, PharmD
Pro: Continuous / Extended Infusion Beta-Lactams, Simon Lam, PharmD
Con: Continuous / Extended Infusion Beta-Lactams, Christine J. Kubin, PharmD, BCPS
Starting a Successful Career in Academic Pharmacy

Planned in cooperation with the American Association of Colleges of Pharmacy and the ASHP New Practitioners Forum

ACTIVITY #0204-0000-13-314-L04-P
LEVEL OF CONTENT: GENERAL INTEREST
2.00 CONTACT HOURS/KNOWLEDGE-BASED

Program Chair/Moderator: Terry L. Schwinghammer, PharmD, BCPS, FASHP

Learning Objectives:
- Identify trends in pharmacy education that are shaping the workforce of the pharmacy profession.
- Outline the potential benefits, opportunities, and challenges associated with a career in academia.
- Explain the requirements for promotion and tenure that are relevant for clinician educators.
- Implement strategies to enhance one's professional career in an academic setting.

Trends in Pharmacy Education: Implications for New Faculty Members, Peggy Piasecki, PharmD
Strategies for Academic Success: Perspectives from a Department Chair, Susan P. Bruce, PharmD, BCPS
Life as a Practitioner-Educator: Balancing Teaching, Service, and Scholarship, Ty H. Kiser, PharmD

Networking Energy Break

Concourse Lobby, Level 3

Networking Energy Break
There is no better time to meet fellow residents and new practitioners than here. Flex your networking skills while learning interesting and helpful information. We’ll provide the energizing snacks for you to network network network!

Preceptor Development for the Resident: Balance Between Being Precepted and Precepting Students

Planned in cooperation with the ASHP Section of Clinical Specialists and Scientists and the ASHP New Practitioners Forum

ACTIVITY #0204-0000-13-317-L04-P
LEVEL OF CONTENT: GENERAL INTEREST
1.50 CONTACT HOURS/KNOWLEDGE-BASED

Program Chair/Moderator: Joel C. Marrs, PharmD, BCPS (AQ Cardiology)

Learning Objectives:
- Identify precepting opportunities and challenges for pharmacy residents.
- Discuss the right mix of precepting residents and allowing residents to preceptor students.
- Review precepting scenarios where potential pitfalls can happen and describe solutions to these scenarios.

Precepting Opportunities for Pharmacy Residents, Sarah L. Anderson, PharmD, BCPS
Residents Challenging Role: Preceptee, Preceptor, or Both, Daniel M. Rackham, PharmD, BCPS
Precepting Case Scenarios: A Practical Approach, Matthew D. Kostoff, PharmD, BCPS

Three Shades of Grey: When Common Therapeutics is Not Black or White

Planned in cooperation with the ASHP New Practitioners Forum

ACTIVITY #0204-0000-13-316-L01-P
LEVEL OF CONTENT: ADVANCED
1.50 CONTACT HOURS/APPLICATION-BASED

Program Chair/Moderator: Nicholas Leon, PharmD, BCACP

Learning Objectives:
- Summarize primary literature regarding HbA1c in type 2 diabetes, selecting P2Y12 antagonists, and double coverage for Pseudomonas.
- Recommend and defend an appropriate HbA1c goal for a patient with type 2 diabetes.
- Recommend dual antiplatelet therapy, considering patient variables, for acute coronary syndrome patients or those undergoing Percutaneous coronary intervention.
- Recommend when it is appropriate to use mono-antibiotic therapy to cover against pseudomonas.

If 7 is Good, is 8 Better: Setting HbA1c Goals in Type 2 Diabetes, Nicholas Leon, PharmD, BCACP
When 3 is a Crowd: Is it Time to Leave Clopidogrel Behind for the Management of an Acute Coronary Syndrome? Kristin Watson, PharmD, BCPS AQ Cardiology
When One is Better than Two: When Not to Double Cover for Pseudomonas? Bhavik M. Shah, PharmD, BCPS

Updates in the Management of Septic Shock: Application of International Guidelines

Planned in cooperation with the ASHP New Practitioners Forum

ACTIVITY #0204-0000-13-315-L01-P
LEVEL OF CONTENT: ADVANCED
1.50 CONTACT HOURS/APPLICATION-BASED

Program Chair/Moderator: Jeremy DeGrado, PharmD, BCPS

Learning Objectives:
- Apply recent literature regarding the utility of biomarkers in septic shock to a patient case and describe their utility in antibiotic management.
- Given a patient case, describe hemodynamic goals and determine optimal fluid resuscitation and vasoactive agent selection during and after early goal-directed therapy.
- Describe the benefits of early appropriate antimicrobial therapy in patients with septic shock and the importance of sepsis bundles in their management.

Hemodynamic Support in Septic Shock, Seth Bauer, PharmD
Antimicrobial Optimization and the Role of Biomarkers, Allison A. Forni, PharmD, BCPS
Adjuvant Therapies in Septic Shock, Jeremy DeGrado, PharmD, BCPS
SATURDAY, DECEMBER 7

7:00am–5:00pm W110 B, Level 1

Clinical Skills Competition Semi-Final Round
(Closed session)
Sponsored by the ASHP Research and Education Foundation and Supported by Lexicomp
It’s the battle of the best and brightest. Winning teams from the Preliminary Round (school-level) competitions at each college of pharmacy will compete in the Semi-Final round at the national level, showcasing their clinical skills and knowledge.

8:00am–5:00pm W304 B, Level 3

ASHP’s PharmPrep Live! A Board Review Workshop
(Separate fee required. Registration is limited. Lunch is on your own.)
Preparing for the Pharmacy Board Exam? We’ve got the workshop for you! Ask around—faculty, advisors, and workshop alum will all agree that this is the “must attend” board review of the year. The editors of ASHP’s PharmPrep Interactive Case-Based Board Review bring the text to life at a full-day workshop to help you prepare for the board examination to become a licensed pharmacist. The workshop will incorporate evidence-based approaches to decision making and important disease states you are likely to encounter on the board exam. Participants will receive a free 15-month access to ASHP’s PharmPrep Online—an $89 value! Don’t forget to bring a calculator!

FREE Wi-Fi
Available in all meeting rooms and public concourse areas. Select the network ASHP on your device and use password Midyear13. (Please limit usage to 20 minutes)

SUNDAY DECEMBER 8

7:00am–8:30am

Pharmacy Student Forum Advisory Group Meetings
(Closed session by invitation only)

7:30 am–5:00pm West Hall B2, Level 2

Personnel Placement Service (PPS)
Connect with employers from across the country through CareerPharm’s PPS, the largest in-person recruiting event in hospital and health-system pharmacy.
For more information see page 8.

8:00am–5:00pm W110 B, Level 1

Clinical Skills Competition Semi-Final Round
(Closed session)
Sponsored by the ASHP Research and Education Foundation and Supported by Lexicomp
It’s the battle of the best and brightest. Winning teams from the Preliminary Round (school-level) competitions at each college of pharmacy will compete in the Semi-Final round at the national level, showcasing their clinical skills and knowledge.

8:30am–10:00am W320 B, Level 3

Mysteries of “The Match”
Are you interested in a residency but afraid of “The Match”? Don’t be! Come learn how the pharmacy residency matching service works, learn strategies to successfully navigate through the Match, and get tips on what to do if you don’t match. Dispel the rumor suggesting the Match is a scary process.
Speakers: Mary Hess, PharmD, FASHP, FCCM, FCCP, Associate Dean, Student Affairs, Jefferson School of Pharmacy, Thomas Jefferson University, Philadelphia, PA; Lea Eiland, PharmD, BCPS, FASHP, Associate Clinical Professor & Associate Department Head of Pharmacy Practice; Auburn University Harrison School of Pharmacy, Huntsville, AL
**Pharmacy Student Forum Opening Session**  
**Moderator:** Thomas S. Achey, PharmD Candidate, Auburn University, and Chair, Pharmacy Student Forum Executive Committee, Helena, AL

Join your fellow ASHP Pharmacy Student Forum members to kick off The Midyear! This session will start with a lot of excitement as the top 10 finalist teams from the national Clinical Skills Competition are announced! As an added bonus, you will be entertained and inspired by our keynote speaker, Ron Culberson, MSW, CSP, as he gives you a dose of humor. Don’t miss it!

**Do it Well. Make it Fun.**

As a speaker, humorist, and author of *Do It Well. Make it Fun, Is Your Glass Laugh Full?*, and *My Kneecap Seems Too Loose*, Ron Culberson’s mission is to help staff and managers achieve a new level of success by understanding the power of *Do it Well, Make it Fun*. Success, even in tough times, comes from showing up and doing a great job. Ron helps staff become extraordinary by helping them focus on excellence while making their work experience more enjoyable. He also helps managers understand the qualities of an organizational culture that will attract great employees, develop excellent leaders, and deliver extraordinary products and services.

For ten years, Ron worked as a Home Care Social Worker, Counseling Manager, and Director of Quality Services for a large hospice organization in the Washington, DC suburbs. These experiences taught him about the challenges of working on the front line, in middle management, and ultimately in senior management. He has a proven track record as a successful member of a multidisciplinary team and as an effective senior leader.

**Residency Training Primer**

Come learn the basics of residency training and how it can benefit your career. These concurrent sessions will answer all the questions you may have from should I do a residency, all the way to how to apply, and the basics of the match. “Residency Training 101: Should I Do a Residency?” is for students who have decisions to make about the residency path and “Residency Training 102: Navigating the Application Process” is for those who have full confidence that a residency is for them! It’s never too early to start preparing, and it is never too late to get a few last minute tips, so stop by to find out what you can do to improve your residency prospects.

**Valencia W415 D, Level 4**  
**Residency Training 101: Should I Do a Residency?**  
**Speaker:** David Warner, PharmD, Associate Chief Pharmacy Officer, Duke University Hospital Department of Pharmacy, Durham, NC

Chapin Theater W320, Level 3  
**Residency Training 102: Navigating the Application Process**  
**Speaker:** Sarah Boyd, PharmD, BCPS, Pharmacy Clinical Coordinator, St. John’s Regional Medical Center, Joplin, MO

**Clinical Skills Competition Final Round Presentations**  
Sponsored by the ASHP Research and Education Foundation and Supported by Lexicomp

It’s the battle of the best and brightest. On Saturday, winning teams from the Preliminary Round (school level) competitions at each college of pharmacy competed in the Semi-Final Round at the national level, showcasing their clinical skills and knowledge. If you think you’ve got what it takes to be a champion in your pharmacy school or maybe even at the Clinical Skills Competition next year, check out the Final Round presentations from the top ten finalist teams. You are invited to stop in as an observer and get a good idea of what it takes to be a national finalist in the Clinical Skills Competition and enjoy the range of presentations at this inspiring and impressive session. Stick around following the presentations for the case review with the national case writer.

**PhORCAS: The New Centralized Application System for Pharmacy Residencies**

PhORCAS is the new Pharmacy Online Centralized Application Service. Come to this session to learn about the new process and how it will save you time in the residency application process. You’ll also have an opportunity to ask questions about this new service.

**Speakers:** Brendan J. Reichert, MS, RPh, PhORCAS Advisory Committee, Informatics Consultant and Project Manager for Johns Hopkins, Powell, OH; Ryan Bannister, Liaison International, LLC, Director of Application Services

**Make a Lasting Impression: Evaluating Your Interview Skills**

Interviews in your near future? There could be in a matter of months as you pursue an internship, residency or other career options, so be ready to make a lasting impression. This workshop includes role-play and live examples of common interview formats and questions you may encounter.

**Note:** This workshop builds on the Webinar presentation “Interview Preparation: an Overview” (available at www.ashp.org/students) where you will learn about interview formats and how to develop your personal interview strategy. It is strongly recommended that you view the Webinar prior to attending the workshop, but not mandatory!

**Moderator:** Mary Hess, PharmD, FASHP, FCCM, FCCP, Associate Dean, Student Affairs, Jefferson School of Pharmacy, Thomas Jefferson University, Philadelphia, PA

**Facilitators:** Catherine Bourg, PharmD, BCP, BCACP, Clinical Assistant Professor, University of Georgia College of Pharmacy, Athens, GA; Beth Bryles Phillips, PharmD, FCCM, BCPS, PGY2 Ambulatory Care Residency Program Director and Clinical Associate Professor, University of Georgia College of Pharmacy, Athens, GA; Jason J. Schafer, PharmD, MPH, BCP, AHAHP, Associate Professor Pharmacy Practice, Jefferson School of Pharmacy, Thomas Jefferson University, Philadelphia, PA

**Participants:** Shannon Hatzell, PharmD, PGY1 Pharmacy Resident, Bozeman Deaconess Hospital, Bozeman, MT; Whitney Saulsberry, BS, PharmD Candidate, Jefferson School of Pharmacy, Thomas Jefferson University, Philadelphia, PA
Awards Ceremony and Student Society Showcase

Please join us for an evening to recognize and celebrate the accomplishments of our ASHP student leaders. Student Societies of Health-System Pharmacy (SSHPs) will spotlight their achievements in the annual Student Society Showcase. Take this opportunity to learn about best practices from SSHPs across the nation and find out how you can reapply their successful event on your campus! Stick around to cheer on the recipients of the ASHP Student Leadership Award, ASHP Foundation Student Research Award, and of course, you don’t want to miss the announcement of the Clinical Skills Competition winners.

Emcees: Nisha Bhide, PharmD Candidate, Rutgers, The State University of New Jersey, and Member, Pharmacy Student Forum Executive Committee, East Brunswick, NJ; Jessica G. Libuit, PharmD Candidate, Virginia Commonwealth University, and Member, Pharmacy Student Forum Executive Committee, Ashburn, VA

MONDAY, DECEMBER 9

7:00am–9:00am  W414 A, Level 4
SSHP Faculty Advisor Breakfast Workshop
(Closed session by invitation only)
Speaker: Diana L. Dabdub, Director, ASHP Pharmacy Student Forum, Bethesda, MD

7:30 am–5:00pm  West Hall B2, Level 2
Personnel Placement Service (PPS)
For more information see page 8.

9:00am–10:30am  West Hall D2, Level 2
Opening Session & Keynote
For more information see page 29.

10:45am–11:45am  West Hall A1, Level 2
Student Poster Session
“Wow, you presented at The Midyear?” Impress professors, potential employers, and peers when you present a poster at the prestigious ASHP Midyear Clinical Meeting.

11:30am–1:00pm  W311 F , Level 3
Career Pearls: Days in the Lives of Health-System Pharmacists
Undecided about your career path? From clinical to management, informatics to ambulatory care — the options seem endless! Hear from 12 pharmacists who work in every aspect of hospital and health-system pharmacy practice to learn more about what a day-in-the-life is like. Take away information about careers you have interest in but never took the time to learn about — you may even find something you never knew existed.

Moderator: Emily J. Carrell, University of Mississippi, and Vice Chair, Pharmacy Student Forum Executive Committee, Oxford, MS

GROUP 1

11:40am–12:15pm
Critical Care Specialist: Stacey Folse, PharmD, MPH, BCPS, Medical ICU Clinical Pharmacy Specialist Emory University Hospital, Atlanta, GA

GROUP 2

12:20pm–1:00pm
Oncology Specialist: Bradley Burton, PharmD, BCOP, CACP, Clinical Pharmacy Specialist- Medical Oncology, The Johns Hopkins Hospital, Baltimore, MD

Ambulatory Care: Mary Ann Klieithermes, BS, PharmD, Vice-Chair Ambulatory Care, Associate Professor, Midwestern University Chicago College of Pharmacy, Downer's Grove, IL

Emerging Sciences-Pharmacogenomics: Kristine Crews, Pharm.D., BCPS, Translational Research Laboratory Director and Director, PGY2 Pharmacogenetics Residency Program, Pharmaceutical Sciences Department, St. Jude Children's Research Hospital, Memphis, TN

Emergency Medicine Specialist: Melinda J. Ortmann, PharmD, BCPS, Clinical Pharmacy Specialist - Emergency Medicine, The Johns Hopkins Hospital, Baltimore, MD

Informatics: David P. Mulherin, PharmD, BCPS, Assistant Professor of Pharmacy Practice, Lipscomb University College of Pharmacy, Nashville, TN

Medication Safety: Jaclyn A. Jeffries, PharmD, Pharmacy Safety Officer, Health First, Melbourne, FL

Management and Administration: Michael Nnadi, PharmD, MHS, Corporate Vice President /Chief Pharmacy Officer, Novant Health, Winston-Salem, NC

Academia: Lindsey Elmore, PharmD, BCPS, Assistant Professor of Pharmacy Practice and Director, Community Pharmacy Residency Program, MeWhorter School of Pharmacy Samford University, Birmingham, AL

Pediatric Specialist: Lisa M. Lubsch, PharmD, AE-C, Clinical Associate Professor / Pediatric Clinical Pharmacist, Southern Illinois University Edwardsville / Cardinal Glennon Children's Medical Center, St. Louis, Mo

Small/Rural Hospital Practice: Debbie Cameron Sisson, RPh, MS, PharmD, Clinical Pharmacist, St Luke's Hospital and Assistant Professor, University of Minnesota College of Pharmacy, Duluth, MN

OR/Anesthesia Specialist: Christopher G. Murray, PharmD, MS, Manager, Perioperative Services, Duke University Hospital Department of Pharmacy, Durham, NC

Did you miss a session or want your staff to experience Highlights from ASHP education sessions from Orlando?

Visit the bookstore to preorder the 2013 Midyear Highlights. Available for sale now and delivered in the comfort of your home or office in January 2014.

THE 2013
midyear
Orlando
Residency Showcase  

West Hall C, Level 2  

**Monday, December 9:**  
8:00am–11:00am  
1:00pm–4:00pm  

**Tuesday, December 10:**  
1:00pm–4:00pm

The Residency Showcase is for individuals pursuing residency positions in 2014-15. Make the rounds all in one place — and save money and time. The Residency Showcase is set up for your convenience, allowing you to meet with representatives from hundreds of programs across the country. Remember, the Showcase is continued on Tuesday, but each program will only be available during one of the three time slots so plan ahead! Business dress is recommended. Showcase listings will be available in mid-November on The Midyear 2013 website and at the meeting. For more information go to http://connect.ashp.org/MCM13/ResidencyShowcase.

For those students interested in visiting the Residency Showcase but who will not be pursuing a residency in 2014, please wait until the last hour to enter the Showcase. Be courteous — do not engage programs in a discussion at this point as this prevents them from talking to those pursuing residency positions next year! We recommend attending the student educational sessions on Monday and Tuesday designed exclusively for P1-P3 students.

- Fundamental Strategies to Secure a Residency: Getting a Head Start as P1-P3
- Effective CV and Resume Writing

Student Poster Session  

West Hall A1, Level 2

“Wow, you presented at The Midyear?” Impress professors, potential employers, and peers when you present a poster at the prestigious ASHP Midyear Clinical Meeting.

12:00pm–1:00pm

Fundamental Strategies to Secure a Residency: Getting a Head Start as P1-P3  

West Hall B2, Level 2

In the tough competition for post graduate positions, how can you stand out? After this presentation you will have fundamental tips, a timeline, and answers to some of the questions you may have, including: When do I start planning my residency search strategy? How can I set up a plan and task list to keep myself on target for success as early as a P1 student? How can I excel in the interview process? You will receive candid advice, and guidance that will be directly applicable to your hunt for a post graduate residency or fellowship. You will be able to follow an outline of what you will need to do as a student during the P1 to P3 years in order to successfully prepare yourself for the residency or fellowship application process. There is no ultimate guarantee of securing a post graduate training program. However, session presenter Joshua Caballero, PharmD, BCPP, Associate Professor at Nova Southeastern University, is one of the faculty that put together a course that helped their students achieve an 83% residency acceptance rate, compared to the national average of 60% in the most recent match, making this one of the most successful residency preparation programs in the nation!

Speaker: Joshua Caballero, PharmD, BCPP, Associate Professor, Nova Southeastern University College of Pharmacy  
Moderator: Emily J. Carrell, University of Mississippi, and Vice Chair, Pharmacy Student Forum Executive Committee, Oxford, MS

Dollars and Good Sense  

West Hall C, Level 2

The days of living off student loans and fast food are coming to an end. You are entering the real world of working professionals...and the real world of mortgages, debt, bills, and investment opportunities. This popular session will help you manage your finances and learn strategies to help you handle your current responsibilities while planning for the future!


Moderator: Meghan E. Tolan, Philadelphia College of Pharmacy, University of the Sciences, and Member, Pharmacy Student Forum Executive Committee, Dunmore, PA

**TUESDAY, DECEMBER 10**

7:30 am–5:00 pm

Personnel Placement Service (PPS)  

For more information see page 8.

8:00 am–11:00 am

Residency Showcase  

For more information see page 9.

11:30 am–12:30 pm

Student Poster Session  

W311 F, Level 3

Effective CV and Resume Writing  

Getting ready to enter the pharmacy workforce? Before you know it, potential employers will start requesting your CV or resume. Get real-world advice on how to market your skills effectively. Learn important tips about preparing your CV and resume and how to avoid common mistakes.

Speakers: Joseph Bonnarens, PhD, Associate Dean for Student Affairs, Manchester University College of Pharmacy, Fort Wayne, IN

1:00 pm–4:00 pm

Residency Showcase  

For more information see page 9.

3:15 pm–4:15 pm

PPMI: Transforming the Future of Pharmacy Practice  

Learn about the ASHP and ASHP Research and Education Foundation Pharmacy Practice Model Initiative (PPMI) and how you, as a student, can get involved. This presentation will describe PPMI implementation activities, resources and measures coordinated by ASHP and the ASHP Foundation. Ways in which the pharmacy profession must change to advance
pharmacy’s patient care role will also be presented. This session will also discuss how to advance pharmacy practice through integrating and implementing students in practice sites, current practices-in-action, and highlight areas for students to get involved.

**Speaker:** Steven P. Nelson, BS Pharm, MS, Director, Center on Pharmacy Practice Advancement, American Society of Health-System Pharmacists, Bethesda, MD

**Speaker/Moderator:** Thomas S. Achey, PharmD Candidate 2014, Harrison School of Pharmacy, Auburn University, Helena, AL

---

**Clinical Pearls for Students**

Based on the popular Clinical Pearls session for practicing pharmacists, the session is custom tailored for a student audience. Come hear the valuable lessons learned as new practitioners share clinical pearls that can help you prepare for residency training or entering practice.

**Moderator:** Elva Angelique Van Devender, PhD, PharmD, BCPS, Clinical Pharmacy Specialist, Emergency Medicine, Legacy Good Samaritan Medical Center, Portland, OR

**PEP for Occupational HIV Exposure: What Every Pharmacist Should Know**

*Elva Angelique Van Devender, PhD, PharmD, BCPS, Clinical Pharmacy Specialist, Emergency Medicine, Legacy Good Samaritan Medical Center, Portland, OR*

**Paying Attention to ICU Delirium: Pearls to Maintain Focus**

*Kelly Nesseth, PharmD, PGY-2 Critical Care Pharmacy Resident, University Medical Center of Southern Nevada, Las Vegas, NV*

**Antifungal PK/PD: How to Maximize Fungal Killing**

*Bryan White, PharmD, Pharmacist, St. Francis Hospital, Columbus, GA*

**Risky Business: Assessing Risk Through Statistics**

*Cody A. Parsons, PharmD, PGY1 Pharmacy Practice Resident, MedStar Washington Hospital Center, Washington, DC*

**Give Your Patients a FAST-HUG: An ICU Survival Guide for Pharmacists**

*Charles Darling, PharmD, BCPS, Emergency Medicine Pharmacist, Greenville Health System, Greenville, SC*

---

**Students’ Night Out**

Party with a purpose! After a long week of education programming, interviews, poster presentations, and more, you need to kick back and relax. Join pharmacy students from across the country and celebrate at Universal CityWalk®, The Entertainment Capital of Orlando℠! From 7:00pm–9:00pm, ASHP has reserved the groove℠ dance club just for you! Mingle around multiple bars and explore three themed lounges—the futuristic Blue Room, the sultry Red Room, and the 70’s cool Green Room.

ASHP pharmacy students will have exclusive access to the club from 7:00pm–9:00pm (after 9:00pm doors open to the general public). You must present your meeting badge and must be 21 years or older with proper ID to enter. **Added bonus** — your meeting badge also gains you free access to some of the hottest CityWalk owned and operated clubs (*subject to availability*). Included are: Red Coconut Club®, Bob Marley – A Tribute to Freedom℠, Pat O’Brien’s®, and CityWalk’s Rising Star.

Pat O’Brien’s, Hurricane Glass logo, Have Fun! and Iron Grill Design © Pat O’Brien’s Bar, Inc. © 2013 Pat O’Brien’s Bar, Inc. All rights reserved. Universal elements and all related indicia TM & © 2013 Universal Studios. © 2013 Universal Orlando. All rights reserved.

---

**WEDNESDAY, DECEMBER 11**

**7:30am–5:00pm**

**Personnel Placement Service (PPS)**

*For more information see page 8.*

**7:00pm–11:00pm**

**ASHP’s Evening of Adventure**

*For event details see page 33.*
SUNDAY, DECEMBER 8

8:00am–9:00am W304 B, Level 3

Small & Rural Keynote
Strategic Partnerships—How Colleges of Pharmacy Collaboration with Small and Rural Hospitals Positively Influence Workforce, Rural Healthcare Initiatives and Pharmacist Value

Planned in cooperation with the ASHP Section of Inpatient Care Practitioners

ACTIVITY #0204-0000-13-348-L04-P
LEVEL OF CONTENT: GENERAL INTEREST
1.00 CONTACT HOURS/KNOWLEDGE-BASED

Program Chair/Moderator: Susan M. Flaker, PharmD

Learning Objectives:
- Explore unique opportunities for pharmacists practicing in Small and Rural Hospitals.
- Discuss the role of Colleges of Pharmacy in preparing students to pursue leadership opportunities in rural and frontier areas of the country.
- Describe the impact of pharmacy students on pharmacist perception and value in rural areas.
- Explain how pharmacy students can advocate and positively impact rural health issues, initiatives and priorities.

8:00am–9:00am W304 B, Level 3

Outside the Mix: Outsource Compounding in Rural Hospitals

Planned in cooperation with the ASHP Section of Inpatient Care Practitioners

ACTIVITY #0204-0000-13-353-L04-P
LEVEL OF CONTENT: GENERAL INTEREST
1.25 CONTACT HOURS/KNOWLEDGE-BASED

Program Chair/Moderator: Susan M. Flaker, PharmD

Learning Objectives:
- Describe the current framework for regulatory oversight of pharmacy compounding, including factors that may have contributed to NECC event.
- Explain how the legislative changes will affect practice in small and rural hospitals.
- Determine when use of outsourcing CSP facilities are appropriate.
- Describe how CSP facilities are beneficial to small and rural hospitals.
- Describe any obstacles that small and rural hospitals might face with outsourcing CSP.

The Nation’s Reactions to the NECC Tragedy, Cynthia Reilly, BS Pharm
Moving Forward in our Practice, Matthew W. Eberts, PharmD, MBA

10:40am–11:55am W304 B, Level 3

Meaningful Pharmacy Practice Experiences for Pharmacy Students in Small and Rural Hospitals

Planned in cooperation with the ASHP Section of Inpatient Care Practitioners

ACTIVITY #0204-0000-13-350-L04-P
LEVEL OF CONTENT: GENERAL INTEREST
1.25 CONTACT HOURS/KNOWLEDGE-BASED

Program Chair/Moderator: Debra C. Sisson, PharmD, MS

Learning Objectives:
- Describe how to develop an interprofessional, rural experiential education learning program for pharmacy students in small and rural hospitals.
- Explain how to design orientation modules that can be used by small and rural hospital members.
- Recommend community partners in various communities to augment student learning.

Getting the Most Out of Your IPPE and APPI Rotations: Utilizing Pharmacy Students to Advance the PPMI in Small and Rural Hospitals, Dale E. English, II, BSPharm, PharmD, FASHP; Debra C. Sisson, PharmD, MS
An APPE Student’s Perspective on Advancing the PPMI in Small and Rural Hospitals, Patrick Divoky, PharmD Candidate

1:00pm–2:00pm W304 B, Level 3

Evaluation of the Impact of Telepharmacy in California Safety Net Hospitals

Planned in cooperation with the ASHP Section of Inpatient Care Practitioners

ACTIVITY #0204-0000-13-351-L04-P/0204-0000-13-351-L04-T
LEVEL OF CONTENT: GENERAL INTEREST
1.00 CONTACT HOURS/KNOWLEDGE-BASED

Presenter: Philip J. Schneider, MS, FASHP

Learning Objectives:
- State the impact of remote medication order review by pharmacists on nurse and pharmacists attitude about medication safety and job satisfaction.
- State the reduction in high-risk medication administration without pharmacist order review after remote medication order review by pharmacists.
- Estimate the annual cost avoidance resulting from remote medication order review by pharmacists.

All rooms are located in the Orange County Convention Center’s West Building unless otherwise noted.
2:10pm–3:10pm  W304 B, Level 3

Just Culture 101: A Primer

Planned in cooperation with the ASHP Section of Inpatient Care Practitioners and the Institute for Safe Medication Practices

ACTIVITY #0204-0000-13-352-L05-P/0204-0000-13-352-L05-T
LEVEL OF CONTENT: GENERAL INTEREST
1.00 CONTACT HOURS/KNOWLEDGE-BASED

Program Chair/Moderator: Matthew P. Fricker, RPh, MS, FASHP
Presenter: Judy Smetzer, BSN, FISMP

Learning Objectives:
- Explain why Just Culture is a necessity in improving safety in healthcare.
- List the key tenets of a Just Culture.
- Describe system design strategies and explain why some fail while others succeed.

3:20pm–4:20pm  W304 B, Level 3

Under the Magnifying Glass: What Do We Really Know About Rural Healthcare?

Planned in cooperation with the ASHP Section of Inpatient Care Practitioners and the Small and Rural Hospital Section Advisory Group

ACTIVITY #0204-0000-13-349-L04-P/0204-0000-13-349-L04-T
LEVEL OF CONTENT: GENERAL INTEREST
1.25 CONTACT HOURS/KNOWLEDGE-GENERAL INTEREST

Program Chair/Moderator: Debra L. Cowan, PharmD, FASHP

Learning Objectives:
- Discuss needed research in small hospital/rural settings pharmacy practice.
- Describe information gathered from recent/current research in small hospital/rural pharmacy settings.
- Explain how to plan and implement a rural research project.

What Do We Know? Almut G. Winterstein, RPh, PhD
Current Case Study: CMS Innovation Grant, Thomas Johns, PharmD, BCPS

4:30pm–5:30pm  W304 B, Level 3

Success Stories Implementing 340B in Critical Access Hospitals

Planned in cooperation with the ASHP Section of Inpatient Care Practitioners

ACTIVITY #0204-0000-13-354-L04-P/0204-0000-13-354-L04-T
LEVEL OF CONTENT: GENERAL INTEREST
1.00 CONTACT HOURS/KNOWLEDGE-BASED

Program Chair/Moderator: Ann M. Carder, PharmD

Learning Objectives:
- Contrast the different 340B software vendors.
- Explain how to properly prepare for an audit.
- Describe how contract pharmacies work and how to decide whether this would be beneficial in your setting.

340B Success Story from Boone County Hospital, Sondra A. Donald, PharmD
340B Contract Pharmacy Advice, Ann M. Carder, PharmD

48th ASHP Midyear Clinical Meeting and Exhibition 49
Residency Program Directors and Preceptors

SUNDAY, DECEMBER 8

12:00pm -1:00pm W209 A, Level 2

PhORCAS 2.0: Enhancements for Programs and Reference Writers
The residency application process will be even easier this year! PhORCAS (Pharmacy Online Residency Centralized Application Service) is the web-based tool that brings residency application material together in one location. This is the second year (2.0) that PhORCAS will be in use for all programs and candidates. Almost 100 percent of residency programs participated last year, with over 13,500 reference writers providing recommendations, and producing 45,600 applications! Come to the session to learn about all the new enhancements for programs and reference writers, you’ll be happy with the changes! Come with questions to ask the experts from Liaison International and ASHP.

1:00pm–2:00pm W209 A, Level 2

Applying for Residency Accreditation—Finding the Pathway and Taking the Right Steps
Attendance at this session should be one of the first steps for individuals contemplating submission of an application for ASHP-accreditation of a pharmacy residency. Criteria, steps, and timelines for applying for pre-candidate status and accreditation (candidate status) will be detailed. Come and learn the essentials for getting your program off to a good start!

2:00pm-3:00pm W208 A, Level 2

Meeting the Intent of the Accreditation Standard: Making ResiTrak™ Work for Your Program
The ASHP Accreditation Standard is discussed in terms of how the ResiTrak™ system can be utilized and optimized to assist with meeting the intent of the standard. Certain items of the accreditation standard are frequently cited during pharmacy residency accreditation surveys. ResiTrak™ is a web-based program developed by the McCreadie Group to assist programs with organizing and maintaining certain aspects of residencies. Various features of ResiTrak™ will be reviewed and demonstrated that may assist programs in meeting the intent of the standard and preparing for pharmacy residency accreditation surveys.

3:00pm–5:00pm W209 A, Level 2

Residency Program Directors and Preceptors Town Hall: New Residency Standard Update
Come and help make changes to the residency accreditation standards. The major focus of this town hall will be on the revision of the residency accreditation standards. Your input is vital to the revision of a new version of the standard that may reach into the new decade! Time will be allotted for additional updates from ASHP and the Commission on Credentialing. The session will be led by Janet Teeters, Director, Accreditation Services Division and John Clark, Chair of the Commission on Credentialing. This is a forum not to be missed! All current and future residency programs, preceptors, and residents are encouraged to attend.
MONDAY, DECEMBER 9

7:30am–9:00am W208 A, Level 2

> Veterans Affairs Residency Open Forum
This open forum will provide an opportunity for residency program directors and preceptors to discuss issues concerning residency training in the VA System with members of the Veterans Affairs, ASHP Commission on Credentialing, and ASHP Accreditation Services Division staff. Come share this excellent opportunity to network with other practitioners in the Veterans Affairs environment!

Residency Showcase
For more information see page 9.

4:30pm–5:30pm W108 A, Level 1

> Community Pharmacy Residency Open Forum
This open forum will provide an opportunity for residency program directors and preceptors to discuss issues concerning community pharmacy residency training with members of the ASHP Commission on Credentialing, ASHP Accreditation Services Division staff, and APhA staff. Come share this excellent opportunity to network with other practitioners in the community pharmacy arena.

Regional Residency Conference Planners Meeting
This meeting provides an opportunity for the planners of the annual residency regional conferences to share ideas and discuss issues to improve each regional residency conference.

TUESDAY, DECEMBER 10

West Hall C, Level 2

> Residency Showcase
For more information see page 9.

10:00am–11:00am and 2:00pm–3:00pm W414 A, Level 4

> Ask the Pharmacy Residency Accreditation Surveyors Roundtable Discussion
ASHP lead surveyors will be available to answer any questions regarding starting a residency training program, getting ready for an accreditation survey and more. Come out to a great session where you can speak one-on-one with lead surveyors to get the information that you need. There are two sessions: 10:00-11:00am and 2:00-3:00pm to accommodate the busy schedules of those exhibiting at the Residency Showcase.

4:00pm–5:00pm W306 A, Level 3

> Managed Care Pharmacy Residency Open Forum
This open forum will provide an opportunity for pharmacy residency program directors and preceptors to discuss issues concerning managed care residency issues with members of the ASHP Commission on Credentialing, ASHP Accreditation Services Division staff, and AMCP staff. Come share this excellent opportunity to network with other practitioners in the managed care pharmacy environment.

Did you miss a session or want your staff to experience Highlights from ASHP education sessions from Orlando?
Visit the bookstore to preorder the 2013 Midyear Highlights. Available for sale now and delivered in the comfort of your home or office in January 2014.

FREE Wi-Fi
Available in all meeting rooms and public concourse areas. Select the network ASHP on your device and use password Midyear13. (Please limit usage to 20 minutes)
Networking Sessions

**SUNDAY, DECEMBER 8**

**11:15am–12:15pm  W414 A, Level 4**

- **The Indispensable IDS**
  
  *Networking Session Hosted by the Section of Inpatient Care Practitioners on behalf of its Investigational Drug Pharmacist Members*

  **Facilitator:** Darlette G. Luke, RPh, Manager Fairview IDS Pharmacy, University of Minnesota Medical Center, Minneapolis, MN

  This networking session will address hot topic issues in the field of investigational drug services. Clinicians, technicians, researchers and those who have responsibility for this area of practice should definitely plan to attend.

  **Discussion Topics:**
  - Use of non-traditional personnel in IDS
  - IDS and its role as a coordinating center for national and international clinical trials
  - Standardizing documentation within IDS
  - CPR for the IDS ASHP Connect Community

**11:15am–12:15pm  W306 A, Level 3**

- **Pharmacist Clinical Documentation Considerations within the Ambulatory Setting**
  
  *Networking Session Hosted by the Section of Pharmacy Informatics and Technology’s Advisory Group on Ambulatory Care Informatics and the Section of Ambulatory Care Practitioners*

  **Facilitators:** George A. Robinson, RPh, Senior Product Manager, First Databank, Inc., Indianapolis, IN; Catherine Sharafanowich, BS Pharm, Director of Pharmacy, Cornell Scott-Hill Health Corp, New Haven, CT

  We will discuss clinical documentation needs and opportunities for clinical pharmacists in an ambulatory care setting. Shared experiences regarding a) expanded ambulatory roles for pharmacists, b) EHR documentation needs, supports challenges associated with provided care, and c) level of documentation required demonstrating the value of pharmacist interventions, activities will be exchanged.

  **Discussion Topics:**
  - Anecdotal experience with expansion of pharmacists roles in an ambulatory setting
  - Clinical documentation needs associated with role expansion
  - Challenges faced in properly documenting interventions provided
  - Clinical documentation required to continue sustain funding for expanded roles

**12:30pm–1:30pm  W306 A, Level 3**

- **Apps, Good Faith, and Euthanasia: Finding a Path Forward in Pain and Palliative Care**
  
  *Networking Session Hosted by the Section of Ambulatory Care Practitioners’ Advisory Group on Pain Management and Palliative Care*

  **Facilitator:** Michele Matthews, PharmD, Associate Professor of Pharmacy Practice, MCPHS University, Boston, MA

  A closer look at clinical practice concerns and challenges in pain management and palliative care.

  **Discussion Topics:**
  - Good Faith Dispensing concerns
  - Stealth euthanasia
  - Update on available smart phone pain apps
  - Pain management and palliative care residency projects

**12:30pm–2:00pm  W202 C, Level 2**

- **Critical Care**
  
  *Networking Session Hosted by the Section of Clinical Specialists and Scientists*

  **Facilitator:** Mitchell Buckley, PharmD, FCCM, BCPS, Clinical Pharmacy Specialist, Banner Good Samaritan Medical Center, Phoenix, AZ

  **Discussion Topics:**
  - Optimal sedation strategies in mechanical ventilation
  - Vancomycin dosing in special ICU populations - CRRT and obesity
- Evidence-based use of acid suppressive therapies for stress ulcer prophylaxis
- Establishing collaborative pharmacy practice agreements in the ICU

12:30pm–2:00pm  W203 C, Level 2

Emergency Medicine

*Networking Session Hosted by the Section of Clinical Specialists and Scientists*

**Facilitator:** Megan Musselman, PharmD, BCPS, Clinical Pharmacist-Emergency Medicine/Critical Care, North Kansas City Hospital, Kansas City, MO

**Discussion Topics:**
- How to conduct original research in the emergency department (the resources available, the limitations and challenges, how to incorporate into the daily activities of the EM pharmacist, etc.) may be beneficial
- Unique services people are providing and how they were able to implement them (MTM, immunizations, medication administration, etc.)
- Differences in functions, justification, hours, staff, etc. for emergency pharmacists in community hospitals versus academic medical centers
- How EM pharmacists can maximize or even innovate EM clinical practice to remain on top of our game
- Additional training available for EM pharmacists to provide awareness of available resources out there e.g., AHLS training, DABAT examination, masters in clinical/forensic toxicology, etc.

12:30pm–2:00pm  W204 C, Level 2

Pharmacoeconomics and Drug Policy Development

*Networking Session Hosted by the Section of Clinical Specialists and Scientists*

**Facilitator:** Elyse A. MacDonald, PharmD, MS, BCPS, Drug Information Specialist, University of Utah Hospitals and Clinics, Salt Lake City, UT

**Discussion Topics:**
- Drug Shortages
- Effective formulary management
- Cost-saving initiatives

2:30pm–4:00pm  W202 C, Level 2

Anticoagulation

*Networking Session Hosted by the Section of Clinical Specialists and Scientists*

**Facilitator:** Amy Sipe, RPh, Clinical Pharmacy Specialist, Anticoagulation, Kansas City VA Medical Center, Kansas City, MO

**Discussion Topics:**
- Novel anticoagulants — transitioning patients on and off therapy, making safe and effective formulary decisions
- Plans medical centers should have for acute reversal for new novel anticoagulants. Specifically, when it would be appropriate and which prothrombin complex concentrates to keep in stock
- Bridge therapy (with LMWH/fondaparinux, etc) for both periprocedural management and for low INR’s
- Hematologic disorders (i.e., protein C/S deficiency, factor V leiden deficiency, etc.) and their management vs secondary prevention, duration of therapy, bridge therapy requirements
- Assessing risk of bleed in anticoagulated patients

2:30pm–4:00pm  W203 C, Level 2

Infectious Diseases

*Networking Session Hosted by the Section of Clinical Specialists and Scientists*

**Facilitator:** Nicole Bolton, PharmD, Clinical Pharmacist, Bozeman Deaconess Hospital, Bozeman, MT

**Discussion Topics:**
- Preoperative Antibiotics- (the pharmacist’s role; cefazolin 3 gm/2 gm 2013 ASHP recommendations)
- Surviving Sepsis Campaign 2012- order sets; abx dispensing in the ER
- Antimicrobial Stewardship (restricted lists, rounds, CPOE algorithms?)
- Extended Infusions
- Outpatient infusions through the ER: i.e., Vancomycin (appropriate, monitoring, pharmacist involvement)

2:30pm–4:00pm  W204 C, Level 2

Emerging Sciences

*Networking Session Hosted by the Section of Clinical Specialists and Scientists*

**Facilitator:** John Valgus, PharmD, BCOP, CPP, Clinical Pharmacist Practitioner/Clinical Assistant Professor, UNC Healthcare/UNC Eshelman School of Pharmacy, Chapel Hill, NC

**Discussion Topics:**
- Barriers to Implementation of Pharmacogenomics into the Pharmacy Practice Model
- Emerging Impact of Biosimilars on the US Drug Market

MONDAY, DECEMBER 9

7:30am–8:30am  W311 B, Level 3

Home Infusion

*Networking Session Hosted by the Section of Ambulatory Care Practitioners’ Advisory Group on Home Infusion*

**Facilitator:** Donald J. Filibeck, PharmD, MBA, VP, Pharmacy Operations, AxelaCare Health Solutions, Dublin, OH

**Discussion Topic:**
- New issues and fresh perspectives in the operational, regulatory, and clinical concerns of home infusion essentials

11:00am–12:30pm  W203 C, Level 2

Cardiology

*Networking Session Hosted by the Section of Clinical Specialists and Scientists*

**Facilitator:** Michael Gillette, PharmD, BCPS, BCACP, Assistant Professor, Nova Southeastern University, Palm Beach Gardens, FL

**Discussion Topics:**
- The Postmarketing Era of Newer Anticoagulants: Managing Unexpected Issues and Complications
- JNC 8 and ATP 4: Finally Worth the Wait?
- TAVR and its Impact on Pharmacy
- New and Updated Clinical Practice Guidelines for 2013
pharmacy practice sections networking sessions

### 11:00am–12:30pm

**W204 C, Level 2**

### Hematology/Oncology

*Networking Session Hosted by the Section of Clinical Specialists and Scientists*

**Facilitator:** Bradley Burton, PharmD, BCOP, CACP, Clinical Pharmacy Specialist, Medical Oncology, The Johns Hopkins Hospital, Baltimore, MD

**Discussion Topics:**
- Drug Shortages…..Still not out of the woods
- Collaborative Practice Agreements in Oncology Pharmacy
- Chemotherapy Dose Banding Practices and Perspectives

### Pediatrics/Neonatal

*Networking Session Hosted by the Section of Clinical Specialists and Scientists*

**Facilitator:** Jennifer Hamner, PharmD, Manager of Professional Development and Residency Program Director, Children’s Hospital Colorado, Aurora, CO

**Discussion Topics:**
- Impact of Drug Shortages on the Management of Total Parenteral Nutrition, Diabetic Ketoacidosis and beyond
- Novel treatments for Hemolytic-Uremic Syndrome, Kawasaki Disease, Subarachnoid Hemorrhage and more
- Pharmacokinetics of Continuous Vancomycin and Once Daily Aminoglycosides
- Considerations for drug dosing in obesity
- Pediatric competency and training programs for new pharmacists and residents

### Psychopharmacy/Neurology

*Networking Session Hosted by the Section of Clinical Specialists and Scientists*

**Facilitator:** Cherry W. Jackson, PharmD, BCPP, FASHP, Professor of Pharmacy, Auburn University, Birmingham, AL

**Discussion Topics:**
- Pharmacists’ role(s) in prescription drug overdose prevention/treatment
- TBI and depression among active duty soldiers
- Psychotropic drugs and weight management — what every clinician needs to know
- Update on the Patient Centered Medical Home (PCMH)
- MTM provided for a company and its employees

### Immunology/Transplant

*Networking Session Hosted by the Section of Clinical Specialists and Scientists*

**Facilitator:** Eric M. Tichy, PharmD, BCPS, Clinical Pharmacy Specialist, Solid Organ Transplant, Yale-New Haven Hospital, New Haven, CT

**Discussion Topics:**
- Technology based tools people are using for medication adherence and education
- Generic Immunosuppressive Medications: Where do we stand?
- Risk Evaluation and Mitigation Strategies in Transplantation
- Fee for service in the transplant clinic - how to do it and how to make sure you get some of the profits/benefits
- Co-stimulatory blockade as maintenance immunosuppression: Reimbursement issues/selection of patients

### 11:15am–12:15pm

**W314 A, Level 3**

### Strategies to Advance Ambulatory Care Practice

*Networking Session Hosted by the Section of Ambulatory Care Practitioners’ Advisory Group on Compensation and Practice Sustainability*

**Facilitator:** Timothy R. Brown, PharmD, BCACP, FASHP, Director of Clinical Pharmacotherapy, Akron General Center for Family Medicine, Akron, OH

There are opportunities to advance clinical practice in ambulatory settings within your health system. But where do you begin? Gain insights into and develop the vision for the new ambulatory practice model by applying strategies to develop, implement, and expand an ambulatory clinical service.

**Discussion Topics:**
- Key drivers for the development of ambulatory pharmacy services.
- Ambulatory pharmacy services that meet key accountability goals and organizational needs
- Business planning to identify and justify service expansion opportunities across the continuum of healthcare delivery
- Steps pharmacists can use to achieve quality benchmarks as part of an interdisciplinary healthcare team

### Big Ideas for Small and Rural Hospitals

*Networking Session Hosted by the Section of Inpatient Care Practitioners’ Advisory Group on Small and Rural Hospitals*

**Facilitator:** Becky Barr, PharmD, Telepharmacy Operations Manager, Envision Telepharmacy, Lindale, TX

This networking session will provoke robust discourse on the impact of recent legislation on rural healthcare facilities; discuss unlikely funding sources from federal agencies such as the USDA and share highlights from ASHP’s Rural Portfolio and Footprint report.

**Discussion Topics:**
- Impact of recent 340b legislation on CAHs and other rural covered entities
- White House Rural Council, USDA and unique opportunities for SRH pharmacists
- Highlights of ASHP’s Rural Portfolio and Footprint Executive Summary Report

### Meaningful Use: Stage 2 and Beyond

*Networking Session Hosted by the Section of Pharmacy Informatics and Technology’s Advisory Group on Clinical Information Systems*

**Facilitators:** Maren Everton, RPh, Senior Solutions Director, SAIC/Leidos, Park City, UT; Benjamin J. Anderson, PharmD, MPH, Configuration Analyst-Informatics, HealthEast Care System, St. Paul, MN

This session will provide a forum for discussion of the pharma-
ist’s role and opportunities in supporting their facilities meaningful use of EHRs and the requirements of MU Stage 2 and beyond. The “goal is not adoption alone but ‘meaningful use’ of EHRs — that is, their use by providers to achieve significant improvements in care.”

**Discussion Topics:**
- Meaningful use Stage 2
- Decision support in Meaningful Use
- Meaningful Use Stage 3

### 12:15pm–1:30pm W315 A, Level 3

#### Surviving the ACA: Strategies for Cost Containment and Revenue Enhancement

*Networking Session Hosted by the Section of Pharmacy Practice Managers’ Advisory Group on Pharmacy Business Management*

**Facilitator:** Tim Lynch, PharmD, MS, Associate Vice President of Pharmacy Services, Franciscan Health System, Tacoma, WA

The impact of the Affordable Care Act will create the need for pharmacy leaders to provide new ideas for revenue growth and cost containment initiatives. Pharmacy leaders have a major impact on both the supply costs and clinical outcomes. This session will offer the opportunity to exchange new ideas for cost containment strategies and innovative practice models that will lead to both revenue growth and improved clinical outcomes.

**Discussion Topics:**
- Discuss best practices for cost containment strategies used by member organizations
- Share innovative practice models that have resulted in both revenue growth and improved clinical outcomes (reduced admissions, 30 day admission reductions, improved HCAPS stores, etc.)

### 12:15pm–1:30pm W303 B, Level 3

#### Women's Health

*Networking Session Hosted by the Section of Clinical Specialists and Scientists*

**Facilitator:** Fancy G. Manton, PharmD, Clinical Pharmacy Coordinator, Woman’s Hospital, Baton Rouge, LA

**Discussion Topics:**
- Drugs in Obstetrics (Emergency Contraception, Labor and Delivery)
- Pregnancy related FDA Drug Safety Communications
- Menopause and Related Conditions

### 12:30pm–1:30pm W304 F, Level 3

#### Professional Development: Sharing Experiences and Ideas to Develop Your Own Professional Roadmap in Pharmacy Informatics

*Networking Session Hosted by the Section of Pharmacy Informatics and Technology’s Advisory Group on Professional Development*

**Facilitator:** Maritza Lew, PharmD, PMP, IS Clinical Project Manager, El Camino Hospital, Mountain View, CA

This network session will present an opportunity for pharmacist to share experiences and ideas in informatics to develop a career roadmap. The presenter will share her own experience, hold interactive sessions, and end with a summary of shared ideas and distribute an example of a learning template.

**Discussion Topics:**
- Setting professional learning goals
- Finding the help you need
- Crystallizing your ideas
- Sharing templates of success

### 12:30pm–1:30pm W312 B, Level 3

#### Time Out! Medication Safety in High Risk Areas

*Networking Session Hosted by the Section of Inpatient Care Practitioners’ Advisory Group on Medication Safety and Section’s OR/Anesthesiology Pharmacy Members*

**Facilitators:** Ambra M. Hannah, PharmD, BCPS, Medication Safety Officer, Northeast Georgia Medical Center, Gainesville, GA; Jennifer M. Belavic, PharmD, BCPS, FASCp, Manager, Sterile Products/OR Pharmacy Services, University of Pittsburgh Medical Center–Presbyterian Hospital, Pittsburgh, PA

This networking session will provide a unique opportunity for attendees to discuss hot topic medication safety issues with an OR/Anesthesiology focal point. Clinician, technicians and administrators who have responsibility for OR/Anesthesiology oversight and/or safe medication practices should plan to attend.

**Discussion Topics:**
- Capturing the right data — establishing safety metrics as a tool for success
- Medication Safety challenges in high risk areas
- Drug Shortages and implications for the OR
- Narcotic control/diversion in the OR

### 12:30pm–1:30pm W303 B, Level 3

#### Multi-Hospital Health System Pharmacy Leaders and Executives

*Networking Session Hosted by the Section of Pharmacy Practice Managers’ Advisory Group on Multi-Hospital Health System Pharmacy Executives*

**Facilitator:** Karol Wollenburg, RPh, MS, Apothecary-in-Chief, New York Presbyterian Hospital, New York, NY

This networking session will provide a unique experience for multi-hospital health system pharmacy leaders in executive positions to meet with peers in similar roles from around the country. The Section has organized this session exclusively for multi-hospital health system pharmacy leaders in executive positions to discuss the challenges as new roles evolve in coordinating the pharmacy enterprise across more than one hospital, multiple hospitals in different cities and states, and leading multiple different pharmacy service lines.

**Discussion Topics:**
- System organizational structures and effective communication and outcomes
- System Pharmacy and Therapeutics Committee and related committee management
- Centralized programs and technology
- Market environment and issues facing multi-hospital health system pharmacy leaders
- Development of ambulatory care services and new revenue generating programs
pharmacy practice sections networking sessions

**TUESDAY, DECEMBER 10**

### 11:15am–12:15pm  W303 B, Level 3

#### More than a Job: The Important and Evolving Role of the Pharmacy Technician in Hospitals and Health Systems

**Networking Session Hosted by the Section of Inpatient Care Practitioners’ Advisory Group on Pharmacy Technicians and Support Services**

**Facilitator:** Cindy Jeter, CPhT, BGS, Supply Chain Management Consultant, McKesson Health Systems, Springdale, AR

In order to advance pharmacy practice, pharmacy technicians will have to assume increased responsibility and leadership for the distributive aspects within the pharmacy department. This networking session will discuss the perception and paradigm shift that will need to occur that transform the pharmacy technician from a job to a career.

**Discussion Topics:**
- Highlight of ASHP technician statements, policies and resources
- Innovative technician practice models
- Technician Career Ladders

### 11:15am–12:15pm  W312 B, Level 3

#### Credentialing and Privileging of Pharmacists in Hospitals and Health Systems

**Networking Session Hosted by the Section of Pharmacy Practice Managers’ Advisory Group on Leadership Development and the Section of Clinical Specialists and Scientists’ Advisory Group on Clinical Leadership**

**Section of Pharmacy Practice Managers’ Facilitator:** Glen Albracht, MS, PharmD, Chief of Pharmacy, W.G. (Bill) Hefner VA Medical Center, Salisbury, NC

**Section of Clinical Specialists and Scientists’ Facilitator:** Linda Gore Martin, PharmD, MBA, BCPS, Dean, School of Pharmacy, Professor, Social and Administrative Pharmacy, University of Wyoming School of Pharmacy, Laramie, WY

This networking session will provide a panel discussion on pharmacist credentialing and privileging.

**Discussion Topics:**
- Defining credentialing and privileging and evaluating your need for a credentialing and privileging process
- Models of credentialing and privileging
- Requirements for health systems to credential and privilege pharmacists
- Implementation strategies

### 11:15am–12:45pm  W414 C, Level 4

#### Nutrition Support

**Networking Session Hosted by the Section of Clinical Specialists and Scientists**

**Facilitator:** Phil Ayers, PharmD, BCNSP, FASHP, Chief-Clinical Pharmacy Services, Mississippi Baptist Medical Center, Jackson, MS

**Discussion Topics:**
- A.S.P.E.N. Parenteral Nutrition Safety Consensus Recommendations
- Medication shortages related to parenteral nutrition
- Expanding the pharmacist role in nutrition

### 11:15am–12:45pm  W314 A, Level 3

#### Primary Care/Pharmacotheraphy

**Networking Session Hosted by the Section of Clinical Specialists and Scientists**

**Facilitator:** Kristi W. Kelley, PharmD, BCPS, CDE, Associate Clinical Professor, Department of Pharmacy Practice/Clinical Pharmacist, Auburn University Harrison School of Pharmacy/Continuity Clinics, Baptist Health, Inc., Birmingham, AL

**Discussion Topics:**
- Updates to guidelines and recent key studies significant to primary care — Has your practice changed?
- Drug shortages in primary care — How has your institution responded?
- Transitions to care in primary care — How has your institution responded?
- Innovative ways to incorporate students/residents into primary care — What is your experience?

### 11:15am–12:15pm  W414 A, Level 4

#### Geriatrics

**Networking Session Hosted by the Section of Clinical Specialists and Scientists**

**Facilitator:** Dawn Knudsen Gerber, PharmD, CGP, FASCP, Associate Professor and PGY2 Geriatric Residency Director, Midwestern University College of Pharmacy-Glendale, Glendale, AZ

**Discussion Topics:**
- Challenges to providing geriatric care in changing healthcare reimbursement times
- Educational needs for pharmacists providing services to geriatric patients
- How would recognizing pharmacists as providers impact geriatric-focused pharmacists
- How is the geriatrics board exam changing in 2014

### 11:15am–12:45pm  W303 B, Level 3

#### Evolving Role of the Pharmacy Technician

**Networking Session Hosted by the Section of Inpatient Care Practitioners’ Advisory Group on Pharmacy Technicians and Support Services**

**Facilitator:** Cindy Jeter, CPhT, BGS, Supply Chain Management Consultant, McKesson Health Systems, Springdale, AR

**Discussion Topics:**
- Involuntary or involuntary... have been tasked with student preceptor duties should plan on attending.

### 12:30pm–1:30pm  W303 B, Level 3

#### Tools for Success: Arming Inpatient Care Pharmacy Preceptors with the Right Resources to Enhance the Pharmacy Practice Experience

**Networking Session Hosted by the Section of Inpatient Care Practitioners’ Advisory Group on Pharmacy Practice Experiences**

**Facilitator:** Laura C. Wachter, BS, PharmD, Clinical Research Pharmacist, Investigational Drug Service, The Johns Hopkins Hospital, Baltimore, MD

What tools and resources are available for frontline pharmacists to assist them with preceptor responsibilities? How may the pharmacy practice experience be enhanced for students? These and other questions will be discussed and debated during this networking session. All practitioners who voluntarily... or involuntarily... have been tasked with student preceptor duties should plan on attending.
Discussion Topics:
- "Evaluating" Student Rotation Evaluation Tools
- Highlighting ASHP’s Preceptor Resources
- Identifying resource gaps for inpatient care practitioner preceptors

12:30pm–1:30pm W312 B, Level 3

Practice Advancement in Ambulatory Care: Transitions of Care and Billing for Services

Networking Session Hosted by the Section of Ambulatory Care Practitioners’ Advisory Group on Clinical Practice Advancement
Facilitator: Mollie A. Scott, PharmD, BCACP, CPP, Regional Associate Dean, UNC Eshelman School of Pharmacy, Asheville, NC

Discussion Topics:
- The ambulatory pharmacists’ role in transitions of care
- Opportunities for pharmacists within health-home models of care and Accountable Care Organizations
- Available billing methods for pharmacist-provided care

12:30pm–1:30pm W304 F, Level 3

Use of Automation and Technology for Tracking and Improving Medication Accountability

Networking Session Hosted by the Section of Pharmacy Informatics and Technology’s Advisory Group on Pharmacy Operations Automation
Facilitators: Barbara Giacomelli, PharmD, MBA, FASHP, Managing Consultant, McKesson Health Systems, Vineland, NJ; Sarah Bledsoe, PharmD, Pharmacy Manager, Quality and Medication Safety, Children's Mercy Hospitals and Clinics, Kansas City, MO

Medications are expensive assets for health care organizations and in many cases are in limited supply. How does health-system pharmacies ensure medications are not diverted, wasted, expired, and generally knows where the medication inventory is at all points throughout the distribution process? This networking session will facilitate discussion around the use of automation and technology within the medication use process to improve the accountability and tracking of medications.

Discussion Topics:
- Value of perpetual inventory tracking (e.g., quality, safety, operational efficiency, financial)
- Tools to track inventory (e.g., RFID, bar coding, automation, tracking software)
- Steps to minimize waste, expired medications, and diversion
- Use of a medication-use systems and technology pharmacist for the oversight and auditing of medication tracking (justification, measurements, etc.)

11:15am–12:15pm W304 F, Level 3

Moving Toward Meaningful Drug Interaction Clinical Decision Support

Networking Session Hosted by the Section of Pharmacy Informatics and Technology
Facilitators: Daniel C. Malone, RPh, PhD, Professor, University of Arizona College of Pharmacy, Tucson, AZ; Lisa E. Hines, PharmD, Clinical Research Pharmacist, University of Arizona College of Pharmacy, Tucson, AZ

Experts in the area of drug interactions, patient safety, and clinical informatics drafted consensus recommendations to improve the quality of drug interaction alerting in clinical decision support (CDS). During this session draft recommendations will be discussed for comments and feedback.

Discussion Topics:
- Recommendations for the systematic appraisal of drug-drug interaction evidence for CDS
- Principles for including drug interactions in CDS
- Recommendations for classification of drug interactions
- Strategies for presenting drug interaction CDS information

11:15am–12:15pm W303 B, Level 3

Employee Opinion Surveys: Maximizing Your Team’s Engagement

Networking Session Hosted by the Section of Pharmacy Practice Managers’ Advisory Group on Manager Development
Facilitator: Alex C. Varkey, PharmD, MS, Pharmacy Operations Manager, Director, PGY1/PGY2 Health-System Pharmacy Administration Residency, The Methodist Hospital, Houston, TX

High performing teams and their organizations need effective tools to engage all team members to ensure their ideas, opinions, and concerns are being addressed and utilized by organization leaders.

Discussion Topics:
- Review the methodology behind employee opinion surveys and their results
- Translating your employee opinion survey results to actions
- Developing strategies to maximize employee opinion survey results

11:15am–12:45pm W312 B, Level 3

Preceptor Skills Development

Networking Session Hosted by the Section of Clinical Specialists and Scientists’ Advisory Group on Preceptor Skills Development
Facilitator: Sara Brouse, PharmD, BCPS, FCCP, AQ-Cardiology, Cardiovascular Clinical Coordinator, UK Healthcare, Lexington, KY

Discussion Topics:
- When a resident needs improvement
- Developing residents as preceptors
- Precepting a resident while rounding with a different service
EDUCATIONAL SESSIONS

All rooms are located in the Orange County Convention Center’s West Building unless otherwise noted.

Please note: All educational sessions listed here are available for CE credit unless otherwise noted. Presenter affiliations and disclosures are located in the Presenter Index on page 118.

SUNDAY, DECEMBER 8

9:00am–10:30am W207 A, Level 2
Professional and Academic Publishing: Putting Your Ideas into Practice 2013
ACTIVITY #0204-0000-13-328-L04-P/0204-0000-13-328-L04-T
LEVEL OF CONTENT: GENERAL INTEREST
1.50 CONTACT HOURS/KNOWLEDGE-BASED
Program Chair/Moderator: Jack Bruggeman, MBA

Learning Objectives:
- Describe how to prepare an effective publishing proposal.
- Explain how to evaluate a practice improvement idea for publishing potential.
- List five keys for turning your idea into a published product.

Characteristics of a Good Idea, Jack Bruggeman, MBA
Writing an Effective Proposal, Robin Coleman
Writing and Editing: Pitfalls and Pearls, Ruth Bloom
Secrets to Working as Co-Editors, Caryn Dellamorte Bing, RPh, MS, FASHP; Anna Nowobilski-Vasillios, PharmD, BCNSP, FASHP
Being an Effective Author in the Marketplace, Joshua Caballero, PharmD, BCPS
Evaluating Five Ideas, Jack Bruggeman, MBA

10:45am–12:00pm W207 A, Level 2
DNV Accreditation: Are You Ready?
ACTIVITY #0204-0000-13-206-L03-P/0204-0000-13-206-L03-T
LEVEL OF CONTENT: GENERAL INTEREST
1.25 CONTACT HOURS/KNOWLEDGE-BASED
Program Chair/Moderator: Deborah A. Brown, MS, PharmD, FASHP

Learning Objectives:
- Develop strategies on how to prepare for surveyor activities.
- Apply the internal audit principles to obtain ISO certification.
- Explain the DNV survey process for hospitals.
- Identify potential problematic areas prior to surveys and develop an action plan for success.
- Describe the Quality Program required to meet ISO standards.

Overview of DNV and NIAHO Standards and Strategies, Michael K. Putze, PharmD
How to Prepare for ISO9001 Certification, Deborah A. Brown, MS, PharmD, FASHP

12:30pm–5:00pm W414 C, Level 4
The ASHP Federal Forum
Federal Pharmacy has always held strong leadership position in its innovative collaborative approach to optimizing patient care and delivery. Strategies being utilized throughout the federal sector to transform practice models and align the rapidly changing healthcare world with the practice vision of the future will be highlighted. Attendees from all health systems can benefit from the innovations that may be applied in their practice settings.

Note: The full program description can be found in the Midyear News & Views and on the Mobile Midyear App.

Learning Objectives:
- Identify key leadership skills that a pharmacy leader can employ that will build and motivate a pharmacy team.
- Discuss the challenges and opportunities for improvement that are impacting Federal pharmacy practice including those that extend beyond the federal sector.
- Identify examples of changes to the federal pharmacy practice model that have improved patient outcomes that may be applied in your practice setting.

Welcome and Keynote
ACTIVITY #0204-0000-13-375-L04-P/0204-0000-13-375-L04-T
LEVEL OF CONTENT: GENERAL INTEREST
1.00 CONTACT HOURS/KNOWLEDGE-BASED
Featuring keynote speaker: Capt. Mark E. Brouker, PharmD, BCPS, U.S. Navy (Ret)

Update from the Federal Chiefs
ACTIVITY #0204-0000-13-376-L04-P/0204-0000-13-376-L04-T
LEVEL OF CONTENT: GENERAL INTEREST
0.75 CONTACT HOURS/KNOWLEDGE-BASED
Presenters: CDR Aaron Middlekauff, PharmD; LTC Kevin W. Roberts, PharmD

Federal Forum: Best Practices
ACTIVITY #0204-0000-13-377-L04-P/0204-0000-13-377-L04-T
LEVEL OF CONTENT: GENERAL INTEREST
1.50 CONTACT HOURS/KNOWLEDGE-BASED
Presenters: Scott E. Mambourg, PharmD, BCPS, AAHIVP; CDR Aaron Middlekauff, PharmD; Vaiyapuri Subramaniam, PharmD, MS, FASHP; LCDR Kendall Van Tyle, PharmD

For presenter affiliations see Presenter Index
Management Case Study: Rapid Response — How a Large Teaching Hospital Managed the Compounding Crisis

ACTIVITY #0204-0000-13-262-L04-P/0204-0000-13-262-L04-T
LEVEL OF CONTENT: GENERAL INTEREST
0.50 CONTACT HOURS/KNOWLEDGE-BASED

Presenters: Dena Alioto, RPh; Erasmo Mitrano, RPh, MS

Learning Objectives:
- Describe the impact of the compounding crisis on a large academic medical center.
- Recognize the importance of a multidisciplinary approach in managing a large-scale crisis.
- List several challenges faced during the crisis.

Exit Strategies: Your Financial Prescription to Maximize Your Retirement

Program Chair/Moderator: Eric Truvillion, BA, IAR

Note: CE is not offered with this session.

This activity is designed to educate, inform, and position ASHP attendees with financial strategies available to them to help to reduce risk and secure their financial futures and quality of life at retirement.

Learning Objectives:
- Recognize the statistics of retirement income to turn assets into income streams.
- Discuss the history of the market returns and withdrawal guidelines.
- Identify the major risk to your retirement.
- Identify opportunities in the accumulation stage (Guarantees, Correlated, Non-Correlated).
- To create and preserve your legacy.

Management Case Study: Development of a Successful Compounded Sterile Product (CSP) Insourcing Plan

ACTIVITY #0204-0000-13-264-L03-P/0204-0000-13-264-L03-T
LEVEL OF CONTENT: GENERAL INTEREST
0.50 CONTACT HOURS/KNOWLEDGE-BASED

Presenters: Howard Cohen, MS, RPh, FASHP; Lorraine Lee, MHA, BS Pharm; Jerry Siegel, PharmD, FASHP

Learning Objectives:
- Describe how to develop a plan for the insourcing of Compounded Sterile Products (CSP).
- Describe the proposed legislation regarding compounding manufacturers and traditional compounders.
- Describe both safety and regulatory issues regarding the insourcing of Compounded Sterile Products.

Management Case Study: Implementing Practice Model Change Through Strategic Planning Across the Pharmacy Enterprise

ACTIVITY #0204-0000-13-265-L04-P/0204-0000-13-265-L04-T
LEVEL OF CONTENT: GENERAL INTEREST
0.50 CONTACT HOURS/KNOWLEDGE-BASED

Presenter: Scott Knoer, PharmD, MS, FASHP

Learning Objectives:
- Develop an effective strategic plan to implement practice model change.
- Ensure that your strategic plan remains relevant in a changing environment.
- Implement strategic plan and measure ongoing outcomes.
education CE sessions

3:30pm–5:00pm W207 A, Level 2

Building the Leadership Pipeline: Middle Manager Succession Planning
Planned in cooperation with the ASHP Section of Pharmacy Practice Managers
Activity #0204-0000-13-258-L04-P
Level of Content: Intermediate
1.50 Contact Hours/Application-based
Program Chair/Moderator: Meghan D. Swarthout, PharmD, BCPS

Learning Objectives:
- Evaluate the need for middle manager succession planning at your organization.
- Design strategies to support middle managers to develop succession plans.
- Given a succession planning scenario, recommend a strategy for development of succession planning infrastructure.

The Need for Middle Manager Succession Planning, Ross W. Thompson, MS, RPh, FASHP
Middle Manager Succession Planning as a New Practitioner, Melissa A. Ortega, PharmD, MS
Making the Transition from Middle Manager to Director, Thomas E. Kirschling, PharmD, MS
Middle Manager Succession Planning Case Study, Melissa A. Ortega, PharmD, MS

4:00pm–4:30pm Lecture Hall W300, Level 3

Management Case Study: Improvement in Pharmacy and Nursing Electronic Communication Through Technology
ACTIVITY #0204-0000-13-266-L05-P/0204-0000-13-266-L05-T
LEVEL OF CONTENT: GENERAL INTEREST
0.50 CONTACT HOURS/KNOWLEDGE-BASED
Presenter: Bickkie Nguyen, PharmD

Learning Objectives:
- Determine different methods interdepartmental communication and their use in appropriate situations.
- Discuss advantages of electronic interdepartmental communication in a medium size institution.
- Evaluate the outcomes of a quality improvement process and quality assessment of technology process to improve medication safety.

MONDAY, DECEMBER 9

11:45am–12:15pm Lecture Hall W300, Level 3

ACPE Update 2013
Planned in cooperation with the Accreditation Council for Pharmacy Education
Presenters: Robert S. Beardsley, RPh, PhD; Stephanie F. Gardner, PharmD, EdD; Peter H. Vlasses, PharmD, DSc (Hon), BCPS, FCCP

Note: CE is not offered with this session.

ACPE President Robert Beardsley, Vice President Stephanie Gardner, and Executive Director Peter Vlasses will provide an update regarding ACPE’s professional degree and continuing education accreditation programs, and its international certification program. The status of the revision process for the standards for the PharmD degree programs will be provided.

2:00pm–2:30pm Lecture Hall W300, Level 3

Management Case Study: Be Prepared — High Risk Compounding in the Management of Drug Shortages
ACTIVITY #0204-0000-13-267-L04-P/0204-0000-13-267-L04-T
LEVEL OF CONTENT: GENERAL INTEREST
0.50 CONTACT HOURS/KNOWLEDGE-BASED
Presenter: Angela Yaniv, PharmD, BS Pharm

Learning Objectives:
- Describe a process to evaluate the feasibility and implementation of a high risk compounding procedure in response to a drug shortage.
- Identify three requirements for high risk compounding.
- Discuss materials and techniques used in high risk compounding.

2:00pm–3:00pm W203 C, Level 2

The Clinical Impact of Next-Generation Sequencing (NGS) on Pharmacy Practice
Planned in cooperation with the ASHP Section of Clinical Specialists and Scientists and the Emerging Sciences Section Advisory Group
ACTIVITY #0204-0000-13-291-L01-P
LEVEL OF CONTENT: ADVANCED
1.00 CONTACT HOURS/KNOWLEDGE-BASED
Program Chair: Casey Williams, PharmD, BCOP
Presenter/Moderator: Justin M. Balko, PharmD, PhD

Learning Objectives:
- Identify strategies and techniques for pharmacists to participate in the introduction of NGS-based clinical decision making at their practice site.
- Describe ongoing national efforts and resources to advance NGS-based techniques into practice.
- Summarize available evidence for the evolving role of NGS-based clinical decision making in cancer, cardiovascular disease, infectious disease, and other genetic diseases.
- Discuss barriers to implementing NGS applications in clinical practice.

2:00pm–3:30pm W208 A, Level 2

Shining Some Light on Precepting in the 21st Century
Planned in cooperation with the American Association of Colleges of Pharmacy
ACTIVITY #0204-0000-13-327-L04-P
LEVEL OF CONTENT: INTERMEDIATE
0.00 CONTACT HOURS/APPLICATION-BASED
Program Chair/Moderator: Joel C. Marrs, PharmD, BCPS

For presenter affiliations see Presenter Index
Learning Objectives:
- Describe effective teaching strategies to engage pharmacy students in the experiential setting.
- Describe effective ways to incorporate precepting activities across multiple healthcare disciplines.
- Identify solutions to commonly encountered preceptor-student issues in the experiential setting.

Utilizing Effective Teaching Strategies in the Experiential Setting, Craig D. Cox, PharmD, BCPS
A Focused Approach to Precepting Multiple Types and Levels of Learners, Karen M. Gunning, PharmD, BCPS

2:00pm–3:30pm  Valencia W415 A, Level 4

 Updates in the Management of Septic Shock: Application of International Guidelines

ACTIVITY #0204-0000-13-315-L01-P
LEVEL OF CONTENT: ADVANCED
1.50 CONTACT HOURS/APPLICATION-BASED

Program Chair/Moderator: Jeremy DeGrado, PharmD, BCPS
(Encore presentation)

Learning Objectives:
- Apply recent literature regarding the utility of biomarkers in septic shock to a patient case and describe their utility in antibiotic management.
- Given a patient case, describe hemodynamic goals and determine optimal fluid resuscitation and vasoactive agent selection during and after early goal-directed therapy.
- Describe the benefits of early appropriate antimicrobial therapy in patients with septic shock and the importance of sepsis bundles in their management.

Hemodynamic Support in Septic Shock, Seth Bauer, PharmD
Antimicrobial Optimization and the Role of Biomarkers, Allison A. Forni, PharmD, BCPS
Adjunctive Therapies in Septic Shock, Jeremy DeGrado, PharmD, BCPS

2:00pm–3:45pm  Valencia W204 C, Level 2

What a Zoo! Animal Influences on Emerging Viral Infections

ACTIVITY #0204-0000-13-207-L01-P
Level of Content: Intermediate
1.50 CONTACT HOURS/KNOWLEDGE-BASED

Program Chair/Moderator: Eric Wombwell, PharmD, BCPS

Learning Objectives:
- Explain the drivers and ecological factors affecting outbreaks and surges in zoonotic diseases in the US.
- Differentiate between highly and poorly transmissible viruses.
- Identify concerns and cautions associated with currently available antiviral agents.
- List potential future antiviral agents.

Defining the Surge in Zoonoses and Associated Drivers, Eric Wombwell, PharmD, BCPS
Examining the Importance of Transmissibility, Eric Wombwell, PharmD, BCPS
Management Now and to Come, Frank J. Caligiuri, PharmD

Sessions marked with this icon relate to ambulatory care.

2:00pm–3:45pm  W209 A, Level 2

Fresh Ideas: Eliminating Barriers to Practice Model Change Success

Planned in cooperation with the ASHP Section of Pharmacy Practice Managers

ACTIVITY #0204-0000-13-208-L04-P/0204-0000-13-208-L04-T
LEVEL OF CONTENT: INTERMEDIATE
1.75 CONTACT HOURS/KNOWLEDGE-BASED

Program Chair/Moderator: Thomas E. Kirschling, PharmD, MS

Learning Objectives:
- Given a variety of pharmacy department infrastructures, determine where standardization can help prevent unnecessary customization of operations.
- Identify a patient-centric return on investment for a given clinical activity.
- Discuss the importance of developing your staff and changing your culture in pharmacy enterprises of all sizes.

First: Reduce Customization, Start Standardization, David A. Kvanz, MS, BS, FASHP
Pearl: Right Sizing, Thomas E. Kirschling, PharmD, MS
Second: Reduce Unnecessary Activity, Start Targeted Care, Melissa K. Carlson, PharmD, BCPS
Pearl: Teaching in the Moment, John D. Pastor, PharmD, FASHP
Third: Stop the Naysayers, Start Developing Staff & Changing Your Culture, Robert J. Weber, PharmD, MS, FASHP

2:00pm–3:45pm  W312 B, Level 3

Pharmacist’s Role in the Medical Home: What Exists and What’s on the Horizon?

Planned in cooperation with the ASHP Section of Ambulatory Care Practitioners

ACTIVITY #0204-0000-13-293-L04-P
LEVEL OF CONTENT: INTERMEDIATE
1.75 CONTACT HOURS/KNOWLEDGE-BASED

Program Chair/Moderator: Erika Smith, PharmD, BCPS

Learning Objectives:
- Discuss the developing role of pharmacists within the Patient Centered Medical Home.
- Explain how the changing healthcare landscape may lead to changes in reimbursement models.
- Define quality metrics, and attribution to the pharmacist within a team based care model.
- Describe the keys to success pharmacists have had around implementation of these services.

Evolving Roles for Pharmacists Supporting a PCMH: Spotlight on Froedtert Hospital, Erika Smith, PharmD, BCPS
The Pharmacist as a Supported Member of the Team Based Care: Spotlight on Group Health Cooperative, Shirley Reitz, PharmD
Reimbursement in a Changing Healthcare Landscape: Spotlight on Hennepin County Medical Center, Haley Holtan, PharmD, BCPS, BCACP
Measurement and Metrics - How We Demonstrate our Value: Spotlight on University of Maryland Family and Community Medicine, Kathleen Pincus, PharmD
340B Drug Pricing Program Update

Learning Objectives:
- Explain the key points of the HRSA and manufacturer audit processes.
- Discuss tools available to self-assess in preparation for an audit.
- Describe current 340B policy topics, including the GPO Prohibition and the Orphan Drug Exclusion.

OPA Update, Krista Pedley, PharmD
Hot Topics, Christopher A. Hatwig, RPh, MS, FASHP
Manufacturer Audit Update, George Kenny, JD; Marcy Imada
HRSA Audit, Entity Perspective, Patrick Barnes, RPh
Self-Audit, Sarah M. Lee, PharmD, MS

Preparing for Joint Commission: Are You in the Loop?

Learning Objectives:
- Develop strategies on how to prepare for surveyor activities in Pharmacy/Nursing settings.
- Discuss how medication use is affected by patient transitions, especially in ambulatory areas.
- Describe how to comply with non-medication standards that affect every department including pharmacy.
- Identify potential problematic areas prior to surveys and develop an action plan for success.

What’s New in Accreditation? John P. Uselton, RPh
Medication Management in Pharmacy and Nursing Areas, Robert C. Jordin, RPh
Transitions of Care: Medication Use in Ambulatory Settings, Lee Murdaugh, BS Pharm, PhD
What Other Standards Matter? Patricia C. Kienle, MPA, FASHP
Putting it All Together, John P. Uselton, RPh

Safety & Quality Pearls 2013

Planned in cooperation with the ASHP Section of Inpatient Care Practitioners

Learning Objectives:
- Describe three examples of interventions that have improved safety or quality of patient care in health systems.
- List steps for implementation of at least one safety improvement program.
- Explain how to apply three strategies for preventing patient harm.

Clinical Decision Support to Reduce Medication Errors with Anticoagulants, Amber Meigs, PharmD, BCPS
Using Technology to Mitigate Risks with Investigational Drugs in Acute Care, John Petrich, MS, RPh
Challenges and Celebrations with Health-System Formulary Alignment, Julie P. Karpinski, PharmD, BCPS
Formulary Checklist: It’s Not Just Package Insert Info Anymore, Susan Skledar, RPh, MPH, FASHP
Reducing Oversedations with a Morphine Renal Alert, Lee H. Stringer, PharmD, CPE
Avoiding and Reporting Patient Harm from Medication Incompatibilities: A Hospital’s Experience to Meet CoP and MM, Gayle Cotchen, PharmD, MBA
Seeing is Believing? Experiences with an Observation-Based Medication Error Detection Process, Dean Bennett, RPh, CPHQ
Use of Simulation for Sterile Product Preparation Training, John B. Hertig, PharmD, MS
Improving Heart Center Medication HCAHPS Scores: A Pharmacy and Nursing Collaboration, Michelle L. Borchart, PharmD, BCPS
Use of Medication Safety Briefs to Foster a Just Culture, Jennifer Robertson, PharmD, MS
Got Readmissions? Try This Silver Bullet You’ve Been Looking For! Mary A. Andrawis, PharmD, MPH
Huddle Up! Safety Huddles for the Hospital, Jim Lile, BS, PharmD, FASHP

X Marks the Clot: New Oral Anticoagulants for the Treatment and Secondary Prevention of VTE

Planned in cooperation with the ASHP Section of Ambulatory Care Practitioners

MONDAY, DECEMBER 9
continued
Learning Objectives:
- For a patient presenting with acute VTE, recommend an anticoagulation treatment strategy and determine if use of one of the new oral anticoagulants is appropriate.
- Design an anticoagulation treatment plan utilizing one of the new oral anticoagulants for a patient requiring secondary VTE prophylaxis.
- Evaluate which new oral anticoagulants are efficacious and safe for use in special patient populations.

Critical Review of the Literature Supporting Use of the Oral Target Specific Anticoagulants in the Acute and Extended Treatment and Prevention of Venous Thromboembolism, Stuart T. Haines, PharmD, BCPS, FASHP

Use of Oral Target Specific Oral Anticoagulants in Special Patient Populations, Michael Streiff, MD

2:30pm–4:30pm

Pharmacist Prescribing: Aspirations, Needs, and Trends around the World
ACTIVITY #0204-0000-13-330-L04-P/0204-0000-13-330-L04-T
LEVEL OF CONTENT: GENERAL INTEREST
2.00 CONTACT HOURS/KNOWLEDGE-BASED

Program Chair/Moderator: William Zellmer, MPH

Learning Objectives:
- Discuss the key conditions in the United Kingdom and in Canada that made it feasible to achieve authority for pharmacist prescribing.
- Discuss the extent to which pharmacists in the UK and Canada actually engage in prescribing.
- Identify three or more key lessons from the UK and Canada for the advocacy of pharmacist prescribing in the United States.
- Discuss how changes in pharmacy education and in scope-of-practice laws have laid the foundation for pharmacist prescribing in the United States.

Pharmacist Prescribing: The British Approach, Claire Anderson, PhD

Pharmacist Prescribing: Experience in the Canadian Provinces, Janet Cooper, BScPharm, ACPR

Pharmacist Prescribing: Developments in the United States, Rita Shane, PharmD, FASHP

2:45pm–3:15pm

Management Case Study: Pharmacy-Driven Medication Therapy Management as Part of a Transitional Care Program at an Academic Medical Center
ACTIVITY #0204-0000-13-268-L04-P/0204-0000-13-268-L04-T
LEVEL OF CONTENT: GENERAL INTEREST
0.50 CONTACT HOURS/KNOWLEDGE-BASED

Presenters: Mary M. Bridgeman, PharmD, BCPS; Teresa DePeralta, MSN, NP-C; Laurie Eckert, RPh

Learning Objectives:
- Describe best practices in transitional care that can result in reduced hospital re-admissions in those patients at highest risk for increased healthcare resource utilization.
- List the opportunities for pharmacy involvement in improving inpatient medication histories and utilization.
- Identify the effects of a pharmacy-driven medication counseling program on patient care and outcomes.

3:00pm–5:00pm

Debates in Therapeutics 2013
Planned in cooperation with the ASHP Section of Clinical Specialists and Scientists
ACTIVITY #0204-0000-13-205-L01-P
LEVEL OF CONTENT: ADVANCED
2.00 CONTACT HOURS/KNOWLEDGE-BASED

Program Chair: Chad Coulter, PharmD
Moderator: Matthew Strum, PharmD, BCACP

Learning Objectives:
- Discuss why therapeutic controversies might occur.
- Identify four therapeutic areas in which controversies may exist.
- Compare the pro and cons of selected therapeutic issues.

NPH: The Forgotten Basal Insulin in the Inpatient Setting... for BETTER or Worse? Paul M. Szumita, PharmD, BCPS
NPH: The Forgotten Basal Insulin in the Inpatient Setting... for Better or WORSE? Jennifer M. Trujillo, PharmD, BCPS
Serotonin Syndrome with Linezolid: RELEVANT or Over-rated? Scott E. Kincaid, PharmD, BCPS
Serotonin Syndrome with Linezolid: Relevant or OVER-RATED? Michael D. Schwartz, BA, PharmD
Statins in the Treatment of NASH/NAFLD: Pro, Daniel M. Riche, PharmD, BCPS
Statins in the Treatment of NASH/NAFLD: Con, Christopher J. Calcagno, DO, PharmD

3:30pm–4:00pm

Management Case Study: Improving Hospital Consumer Assessment of Healthcare Providers and Systems (HCAHPS) Score Via Creation of an Advanced Pharmacy Practice Experience (APPE)
ACTIVITY #0204-0000-13-269-L04-P/0204-0000-13-269-L04-T
LEVEL OF CONTENT: GENERAL INTEREST
0.50 CONTACT HOURS/KNOWLEDGE-BASED

Presenters: Kendra Gasser, PharmD; Jamie Glasgow, PharmD

Learning Objectives:
- Describe a process that may help improve medication communication to patients in a community hospital with limited pharmacy staff.
- Describe three key areas regarding medication that may be addressed with a patient to positively impact their perception of care.
- Discuss how utilizing pharmacy interns in individualized medication education can impact a patients perception of care and HCAHPS medication communication rankings for a community hospital.
education CE sessions

3:30pm–5:00pm   W102 B, Level 1

Clinical Specialists and Practitioners — Is Informatics a Necessary Skill or a Specialty?

Planned in cooperation with the ASHP Section of Pharmacy Informatics and Technology, the ASHP New Practitioners Forum, and the American Association of Colleges of Pharmacy

ACTIVITY #0204-0000-13-320-L04-P
LEVEL OF CONTENT: INTERMEDIATE
1.50 CONTACT HOURS/KNOWLEDGE-BASED

Program Chair/Moderator: Kevin C. Marvin, MS, FHIMSS, FASHP

Learning Objectives:
- Identify the informatics skills required for a clinical pharmacy specialist.
- Identify the informatics skills needed by a pharmacy practitioner.
- Describe the role of the informatics pharmacist that differentiates them from a clinical specialist or practitioner.
- Identify what schools of pharmacy are doing to address the informatics educational needs of new pharmacy graduates.

Informatics Skills Needed to be a Successful New Practitioner, Lindsey M. Childs, PharmD, MPH, BCPS
Informatics Skills Needed to be a Successful Clinical Specialist, Heather Van Ningen, PharmD, BCOP
The Rationale for the Convergence of Bio-Informatics and Personalized Medicine in the Pharmacy Curriculum, George E. MacKinnon, III, PhD, RPh, FASHP
The Role of the Informatics Pharmacist, Kevin C. Marvin, MS, FHIMSS, FASHP

4:00pm–5:00pm   W208 A, Level 2

Achieving Provider Status: Social Security Act Changes and the Role of Peer Review

Planned in cooperation with the ASHP Section of Inpatient Care Practitioners

ACTIVITY #0204-0000-13-296-L04-P/0204-0000-13-296-L04-T
LEVEL OF CONTENT: GENERAL INTEREST
1.00 CONTACT HOURS/KNOWLEDGE-BASED

Program Chair/Moderator: Wes C. Pitts, PharmD, BCPS

Learning Objectives:
- Summarize recent efforts to achieve provider status in the Social Security Act.
- Explain how to advocate for recognition of pharmacists as providers.
- Define peer review with emphasis on the role in quality improvement.
- Describe a sample peer review process.
- Identify resources needed to implement a peer review process.

Recent Advances and Next Steps to Achieve Provider Status, Michael Lee, BS Pharm, PharmD
Establishing a Peer Review Process, Lijian Cai, PharmD

4:00pm–5:00pm   W312 B, Level 3

Advanced Clinical Pharmacy Services Integration in an ACO: Justification of New FTE’s

Planned in cooperation with the ASHP Section of Ambulatory Care Practitioners

ACTIVITY #0204-0000-13-294-L04-P
LEVEL OF CONTENT: ADVANCED
1.00 CONTACT HOURS/KNOWLEDGE-BASED

Program Chair/Moderator: Kelly Boesen, PharmD, BCPS

Learning Objectives:
- Explain the key elements required to measure outcomes in an ACO model.
- Discuss financial compensation related to ACO models.
- Compare revenue generation versus cost-avoidance to expand FTEs in ACOs.

ACO Practice Background and Financial Considerations, Kelly Boesen, PharmD, BCPS
Expansion of FTEs in an ACO, Sandra Leal, PharmD, MPH

4:00pm–5:00pm   Valencia W415 A, Level 4

Applying the Basics of Antiinfective Resistance to Clinical Practice

Planned in cooperation with the Society of Infectious Diseases Pharmacists and the ASHP Section of Clinical Specialists and Scientists, and the ASHP New Practitioners Forum

ACTIVITY #0204-0000-13-311-L01-P
LEVEL OF CONTENT: INTERMEDIATE
1.00 CONTACT HOURS/KNOWLEDGE-BASED

Program Chair/Moderator: Jason J. Schafer, PharmD, BCPS (Encore presentation)

Learning Objectives:
- Describe the four mechanisms responsible for bacterial resistance to antibiotics.
- Explain how to choose optimal antibiotic pharmacotherapy for a resistant infection.
- Identify and describe the principles of drug resistance in HIV medicine.
- Apply principles of HIV resistance to select an antiretroviral drug regimen.

The Basics of Antibacterial Resistance, Jason C. Gallagher, PharmD, BCPS
The Basics of Antiretroviral Resistance, Jason J. Schafer, PharmD, BCPS

4:00pm–5:00pm   W103 A, Level 1

FDA Update 2013: Initiatives and Resources Impacting Today’s Practice

Planned in cooperation with the Food and Drug Administration

ACTIVITY #0204-0000-13-335-L04-P/0204-0000-13-335-L04-T
LEVEL OF CONTENT: GENERAL INTEREST
1.00 CONTACT HOURS/KNOWLEDGE-BASED

Program Chair/Moderator: Kimberly W. Chiu, PharmD

For presenter affiliations see Presenter Index
Learning Objectives:
- Describe the Food and Drug Administration (FDA), Center for Drug Evaluation and Research (CDER), and the Division of Drug Information's (DDI) role in promoting public health.
- Identify key FDA initiatives from the past year and their goals.
- Discuss opportunities to be informed and involved throughout the year in new initiatives.

Key 2013 FDA Initiatives, Kimberly W. Chiu, PharmD

How to Stay Informed with the FDA, Lindsay Davison, PharmD

4:00pm–5:00pm  W104 A, Level 1

Health Care Quality Measurement and Reporting: Experiences from the National Quality Forum

ACTIVITY #0204-0000-13-347-L05-P/0204-0000-13-347-L05-T
LEVEL OF CONTENT: GENERAL INTEREST
1.00 CONTACT HOURS/KNOWLEDGE-BASED

Presenter: Curtis D. Collins, PharmD, MS, FASHP

Learning Objectives:
- Describe the process by which measures are evaluated by the National Quality Forum for endorsement.
- Differentiate between process- and outcome-oriented measures.
- Discuss the impact of endorsement measures in progress or currently implemented on health-care systems and pharmacy practice.

4:00pm–5:00pm  W414 C, Level 4

Insulin Use in Hospitals: Recommendations for Decreasing Preventable Adverse Drug Events

Planned in cooperation with the ASHP Research and Education Foundation

ACTIVITY #0204-0000-13-374-L05-P
LEVEL OF CONTENT: INTERMEDIATE
1.00 CONTACT HOURS/KNOWLEDGE-BASED

Program Chair/Moderator: Daniel Cobaugh, PharmD, FAACT

Learning Objectives:
- Describe types and incidence of insulin-related preventable adverse drug events in hospitals.
- List recommendations from the ASHP Foundation for improving insulin-use safety in hospitals.
- Discuss the current rate of adoption of the ASHP Foundation insulin-use recommendations.
- Discuss challenges in implementing the insulin-use safety recommendations in hospitals.

Insulin Safety Overview, Robert J. Weber, PharmD, MS, FASHP
Consensus Process and Recommendations, Gregory Maynard, MD, MSc
Panel Discussion, Patricia C. Kienle, MPA, FASHP

4:00pm–5:00pm  W209 A, Level 2

Newest Drugs of Abuse: Spice, Bath Salts, Salvia and Beyond (Encore presentation)

Planned in cooperation with the ASHP Section of Ambulatory Care Practitioners

ACTIVITY #0204-0000-13-305-L01-P/0204-0000-13-305-L01-T
LEVEL OF CONTENT: GENERAL INTEREST
1.00 CONTACT HOURS/KNOWLEDGE-BASED

Program Chair/Moderator: Jennifer M. Strickland, PharmD, BCPS
Presenters: Ernest J. Dole, PharmD; Angela G. Huskey, PharmD, CPE; Jennifer M. Strickland, PharmD, BCPS

Learning Objectives:
- Identify new natural and synthetic drugs of abuse.
- Identify common symptoms consistent with specific synthetic or natural drugs of abuse.
- Describe a monitoring plan to identify and manage patients using newer natural and synthetic drugs of abuse.

4:00pm–5:00pm  W203 C, Level 2

Whac-A-Mole: Aligning your Electronic Systems to the Ever-Changing Supply Chain

Planned in cooperation with the ASHP Section of Pharmacy Practice Managers

ACTIVITY #0204-0000-13-209-L04-P/0204-0000-13-209-L04-T
LEVEL OF CONTENT: INTERMEDIATE
1.00 CONTACT HOURS/KNOWLEDGE-BASED

Program Chair/Moderator: Ryan A. Forrey, PharmD, MS
education CE sessions

MONDAY, DECEMBER 9 continued

**Learning Objectives:**
- Describe the reasons for a volatile medication supply chain.
- Describe the challenges with maintaining accurate National Drug Codes (NDCs), pack sizes, and cost in the pharmacy information system.
- List several negative consequences or problems resulting from mismatched formulary systems and purchases.
- Identify strategies to harmonize the supply chain with the information systems in a health system.

**Mole 1:** Volatility in the Medication Supply Chain, Doina Dumitru, PharmD, MBA

**Mole 2:** Multiple Systems and the Complexity of Formulary Interoperability, Gwen Volpe, RPh, LSSBB, FASHP

**Mole 3:** Maintaining Compliance and Financial Integrity in a Dynamic Supply Chain, Ryan A. Forrey, PharmD, MS

4:00pm–5:00pm

**When Animals Attack! A Wilderness Medicine Review**

*ACTIVITY #0204-0000-13-210-L01-P*

LEVEL OF CONTENT: INTERMEDIATE

1.00 CONTACT HOURS/APPLICATION-BASED

**Program Chair/Moderator:** Kyle A. Weant, PharmD, BCPS

**Learning Objectives:**
- Discuss the pathophysiologic mechanisms surrounding animal bites.
- Evaluate current literature support for the treatment of patients presenting with animal bites.
- Describe modalities to ensure evidence-based practice and minimize adverse events.

Who Let The Dogs Out?! And Do They Have Rabies?

Stephanie N. Baker, PharmD, BCPS

The Snakes, Rattles, and Tolls of Envenomation

Komal Pandya, PharmD

4:15pm–4:45pm

**Management Case Study: Implementation and Justification of PPMI Through Re-engineering of Staff Roles and Use of a Computerized Clinical Decision-Support System**

*ACTIVITY #0204-0000-13-270-L04-P/0204-0000-13-270-L04-T*

LEVEL OF CONTENT: GENERAL INTEREST

0.50 CONTACT HOURS/KNOWLEDGE-BASED

**Presenter:** Grishma Desai, PharmD, BCPS

**Learning Objectives:**
- Describe the Pharmacy Practice Model Initiative (PPMI) recommendations.
- Describe the comprehensive educational program undertaken to prepare centralized pharmacists for their role in PPMI.
- Describe how utilizing CDSS can have a positive effect on patients healthcare outcomes and fiscally justify PPMI.

4:00pm–8:30pm

**Lecture Hall W300, Level 3**

**Tuesday, December 10**

8:00am–8:30am

**Management Case Study: Lean Tools to Optimize and Market a Bedside Delivery Discharge Prescription Program at a Community Teaching Hospital**

*ACTIVITY #0204-0000-13-271-L05-P/0204-0000-13-271-L05-T*

LEVEL OF CONTENT: GENERAL INTEREST

0.50 CONTACT HOURS/KNOWLEDGE-BASED

**Presenter:** Michael Hoying, MS, RPh

**Learning Objectives:**
- List characteristics of a management problem that are best resolved through a Kaizen event.
- Besides listening to the team members of a Kaizen event, identify other valuable sources of feedback that need to be incorporated into a Kaizen event.
- Identify metrics to measure how to evaluate the success of a bedside delivery discharge prescription program.

8:00am–9:00am

**Neither Here Nor There: Drug Therapy Issues During Critical Care Transitions**

*ACTIVITY #0204-0000-13-297-L01-P*

LEVEL OF CONTENT: ADVANCED

1.00 CONTACT HOURS/APPLICATION-BASED

**Program Chair/Moderator:** Asad E. Patanwala, PharmD, BCPS

**Learning Objectives:**
- Evaluate the appropriateness of medication regimens during critical care transition.
- Recommend optimal therapy with regard to high-risk medication during critical care transitions.
- Apply drug-therapy knowledge to minimize the risk of patient harm during care transitions.

**Transition from ED to ICU,** Asad E. Patanwala, PharmD, BCPS

**Transition from ICU to Ward,** Brian Erstad, PharmD, FASHP

8:00am–9:30am

**Lecture Hall W300, Level 3**

**W207 A, Level 2**

**Controversies in Neonatal Respiratory Management**

Planned in cooperation with the Pediatric Pharmacy Advocacy Group

*ACTIVITY #0204-0000-13-211-L01-P*

LEVEL OF CONTENT: ADVANCED

1.50 CONTACT HOURS/APPLICATION-BASED

**Presenter:** Sherry Luedtke, PharmD, FPPAG

**Learning Objectives:**
- Compare and contrast the evidence and practice supporting the role of caffeine for its non-respiratory effects.
- Describe the controversies regarding caffeine dosing and monitoring.
- Compare and contrast the benefits of synthetic versus animal-derived surfactant therapy for premature infants.

**Controversies in Caffeine Therapy: Pro,** Peter Gal, PharmD, BCPS, FASHP

**Controversies in Caffeine Therapy: Con,** Jamie Miller, PharmD
Synthetic vs. Natural Surfactants: Natural, Sandra S. Garner, PharmD
Synthetic vs. Natural Surfactants: Synthetic, Sherry Luedtke, PharmD, FPPAG

8:00am–9:30am W208 A, Level 2

Creating Effective Clinical Decision Support Rules to Optimize Quality and Comply with Standards

Planned in cooperation with the ASHP Section of Pharmacy Informatics and Technology

ACTIVITY #0204-0000-13-298-L04-P
LEVEL OF CONTENT: INTERMEDIATE
1.50 CONTACT HOURS/KNOWLEDGE-BASED

Program Chair: Nancy R. Smestad, BS, MS
Moderator: Maren Everton, RPh

Learning Objectives:
- Explain several types of clinical decision support tools that can support meaningful use.
- Identify strategies to extract CQM data.
- Describe the reporting methodologies to comply with the CQM meaningful use standards.

Stroke CQM Medication Metrics, Benjamin Anderson, PharmD, MPH
Medication Prescribing CDS Tools, Nancy R. Smestad, BS, MS
Electronic Submission of Immunization Data, Patrice Johnson, PharmD

8:00am–9:45am W311 F, Level 3

Comparing Apples to Apples: Developing Medication Safety Metrics and Improving Medication Error Reporting

Planned in cooperation with the ASHP Section of Inpatient Care Practitioners

ACTIVITY #0204-0000-13-299-L05-P
LEVEL OF CONTENT: INTERMEDIATE
1.75 CONTACT HOURS/APPLICATION-BASED

Program Chair/Moderator: Molly Leber, PharmD, BCPS

Learning Objectives:
- Identify methods to effectively target, review, and reduce medication errors.
- Using a medication near-miss event, evaluate how to improve the workflow process within a department.
- Describe how key medication safety metrics can be developed and used to improve the medication use processes.
- Compare and contrast the types of errors seen in state-mandated reporting versus mandatory reporting and evaluate the potential implications in your practice setting.

Methods to Effectively Target, Review, and Reduce Medication Errors, Lynne M. Lee, BS Pharm, PharmD
Using a Near-Miss Event to Evaluate How to Improve Workflow, Lynne M. Lee, BS Pharm, PharmD
Key Metrics to Improve the Medication Use Process, John B. Hertig, PharmD, MS
Mandatory Reporting Metrics, Matthew C. Grissinger, FISMP, FASCP

8:00am–10:00am W204 C, Level 2

Controlling The Obesity Epidemic: Where Does Pharmacy Weigh In?

Planned in cooperation with the ASHP Section of Clinical Specialists and Scientists

ACTIVITY #0204-0000-13-359-L01-P
LEVEL OF CONTENT: ADVANCED
2.00 CONTACT HOURS/APPLICATION-BASED

Program Chair: Matthew Strum, PharmD, BCACP
Moderator: Katie S. McClendon, PharmD, BCPS

Learning Objectives:
- Recommend appropriate pharmacotherapy for weight loss.
- Develop strategies to identify and manage potential safety problems with weight loss agents.
- Evaluate different roles for pharmacists management of patients and medications pre/post bariatric surgery and impact on patient care.

Pharmacotherapy for Obesity, Kathryn Hurren, PharmD, BCACP
Obesity Safety Review, Emily M. Armstrong, PharmD, BCACP
Bariatric Surgery and the Pharmacist, Katie S. McClendon, PharmD, BCPS

8:00am–10:00am W312 B, Level 3

Innovations in Drug Information Practice and Research 2013

ACTIVITY #0204-0000-13-212-L04-P
LEVEL OF CONTENT: INTERMEDIATE
2.00 CONTACT HOURS/APPLICATION-BASED

Program Chair/Moderator: Patrick M. Malone, PharmD, FASHP

Learning Objectives:
- Describe and recommend new services and methods used by drug information specialists and centers.
- Design a system to apply such new services and methods in their situations.
- Evaluate the importance of these methods in their practice environments.

Global Alliance of Drug Information Specialists (GADIS): A Partnership Among Drug Information Pharmacists, Kimberly W. Chiu, PharmD
Establishing a Student-Directed Peer-Reviewed Publication: What We Have Learned and Future Directions, Mary Ellen Hethcox, BS Pharm, PharmD; Natalie A. DiPietro, PharmD, MPH; Karen L. Kier, PhD, BCPS
The Good, The Bad & The Ugly of Online Journal Clubs, Amy F. Wilson, PharmD
Teaching Technologies to Engage Online Learners in a Literature Evaluation Course, Zara Risoldi Cochrane, PharmD
Pharmacist Perception and Use of UpToDate, Katie Wallace, PharmD; Robert D. Beckett, PharmD, BCPS
Use of Electronic Handheld Drug Information Applications in Pharmacy Practice, Genevieve L. Ness, PharmD
education CE sessions

8:00am–10:00am W414 C, Level 4

Management Pearls 2013

Planned in cooperation with the ASHP Section of Pharmacy Practice Managers

ACTIVITY #0204-0000-13-201-L04-P
LEVEL OF CONTENT: GENERAL INTEREST
2.00 CONTACT HOURS/KNOWLEDGE-BASED

Program Chair/Moderator: Rebecca Taylor, PharmD, MBA

Learning Objectives:
- Identify opportunities to improve services in various health-system settings.
- Describe steps for implementation of one pharmacy improvement opportunity.
- Discuss human resource opportunities that have been successfully implemented.

Managing Pharmaceutical Waste: Keeping it Simple, Leza Hassett, RPh, MBA

8:00am–11:00am W203 C, Level 2

ONCOLOGY PHARMACY SPECIALTY SESSIONS 2013: Advanced Topics in Practice Part 1

Planned in cooperation with the Hematology/Oncology Pharmacy Association and the American College of Clinical Pharmacy

Moderator: Deborah A. McCue, PharmD, BCOP

Please note: If you are attending this program for BCOP recertification, there are different instructions for claiming CE from those attending only for ACPE credit.

ACPE Credit Only: Instructions for claiming CE will be available in the session room. CE will be provided by the Hematology/Oncology Pharmacy Association (HOPA).

BCOP Recertification: These sessions are part of the professional development program for recertification of Board Certified Oncology Pharmacists (BCOPs), approved by the Board of Pharmacy Specialties (BPS). Part 2 will be presented on Tuesday, December 10, 2:00pm–5:00pm BCOPs must attend all six hours of programming to be eligible to complete the Web-based post-test for oncology recertification credit. Partial credit is not available for recertification, but is available for ACPE credit.

In the session room, you must complete a paper registration form and swipe your Electronic Business Card (received at Registration) in the card reader provided in the session room. You must swipe your Electronic Business Card in both the morning and afternoon sessions as you enter and exit the session room.

The post-test fee is $45. After The Midyear, program participants will receive email instructions to purchase and access the test, as well as claim ACPE credit. The post-test examination must be completed and submitted by December 31, 2013. Notification of earned recertification credits will be sent to the Board of Pharmacy Specialties in early 2014.

Learning Objectives:
- Apply updates on modifiable risk factors that may prevent certain cancers.
- Recommend a cancer prevention and cancer screening plan for an individual based upon gender, age and other applicable risk factors.

8:00am–9:00am

Updates in Cancer Screening and Prevention

UAN# 0465-9999-13-054-L04-P
LEVEL OF CONTENT: ADVANCED
1.00 CONTACT HOURS/APPLICATION-BASED

Presenter: Sarah Scarpace, PharmD, BCOP

Learning Objectives:
- Interpret updates in cancer screening, including breast, including colorectal, prostate and lung cancer screening recommendations.

9:00am–10:00am

Current Treatment Strategies for Esophageal & Gastric Cancers

UAN# 0465-9999-13-055-L04-P
LEVEL OF CONTENT: ADVANCED
1.00 CONTACT HOURS/APPLICATION-BASED

Presenter: Andrea Landgraf Oholendt, PharmD, BCOP

Learning Objectives:
- Interpret the data for first line doublet and triplet therapy for patients with esophageal and gastric cancer.
- Examine the role of targeted therapies in the management of esophageal and gastric cancer.
- Review second line treatment regimens for patients with esophageal and gastric cancer.
- Develop patient-specific treatment plans for esophageal and gastric cancer.

10:00am–11:00am

Hodgkin Lymphoma

UAN# 0465-9999-13-056-L04-P
LEVEL OF CONTENT: ADVANCED
1.00 CONTACT HOURS/APPLICATION-BASED

Presenter: David L. DeRemer, PharmD, BCOP

Learning Objectives:
- Discuss treatment options for newly diagnosed classical Hodgkin Lymphoma based on stage, including the place in therapy for the ABVD, Stanford V and BEACOPP regimens.
- Analyze the data for brentuximab vedotin in Hodgkin Lymphoma and its role for relapsed disease.
- Recommend when stem cell transplant should be considered in patients with Hodgkin Lymphoma.
- Choose a plan for follow-up post treatment to monitor for recurrence and late effects.

For presenter affiliations see Presenter Index
Parents and Children, Why are They in My Cleanroom? Eric S. Kastango, MBA, BS Pharm, FASHP
Mango Bajito — Finding the Compounding Low-Hanging Fruit In Your Health System, Patricia C. Kienle, MPA, FASHP
Advancing the Provision of Pharmaceutical Care to Rural Populations, David B. Weetman, MS
Practice Models - “Which Path Will You Take?” Lana Gerzenshtein, PharmD, FASHP
Use of a Clinical Scoring System to Prioritize Pharmacist Workload, Pamela Phelps, PharmD, FASHP
Highlights on Maximizing Residency Program Reimbursement and CMS Audit Compliance, Timothy R. L’Hommedieu, PharmD, MS
11 to 33 in 2: Increasing Residents to Support Practice Model Change, Scott J. Knoer, MS, PharmD, FASHP
Staff Engagement of Department Improvements Utilizing a Daily Pharmacy Huddle and White Board, Brian Latham, PharmD
Engaging Pharmacy Technicians in Creating a Culture of Patient Safety, Charlene Hope, PharmD, BCPS
Making Environmental Monitoring More Visible through Employee Huddles, Cindy Mitman, PharmD
Moving Pharmacists Closer to the Bedside, Alex C. Varkey, PharmD, MS
Pharmacy Resource Expansion: Are You OUT or IN? Jason Głowczewski, PharmD, MBA
Is Your Department Fearful of Change? Leigh W. Gurley, PharmD

8:30am–10:00am

Pharmacy Technicians: Helping to Reduce Readmissions

Planned in cooperation with the Pharmacy Technician Certification Board

ACTIVITY #0204-0000-13-333-L04-P/0204-0000-13-333-L04-T
LEVEL OF CONTENT: INTERMEDIATE
1.50 CONTACT HOURS/KNOWLEDGE-BASED

Program Chair/Moderator: Angela T. Cassano, PharmD, BCPS, FASHP

Learning Objectives:
- Describe the ASHP/APhA Medication Management in Care Transitions Best Practice Award program and its findings as they pertain to pharmacy technicians.
- List the potential roles for pharmacy technicians in transitions of care.
- Outline training and competency assessment needs of pharmacy technicians assisting with the transitions of care process.

ASHP-APhA Medication Management in Care Transitions Best Practices Overview, Angela T. Cassano, PharmD, BCPS, FASHP
Incorporating Pharmacy Technicians in a Health System Readmissions Reduction Plan, Deborah G. Hauser, RPh, MHA
A Pharmacy Technician’s Role in Reducing Readmissions, Jahara Russell, CPhT

8:45am–9:15am

Management Case Study: Pharmacogenetics and Medication Orders — Providing Real-Time Clinical Decision Support

ACTIVITY #0204-0000-13-272-L04-P/0204-0000-13-272-L04-T
LEVEL OF CONTENT: GENERAL INTEREST
0.50 CONTACT HOURS/KNOWLEDGE-BASED

Presenters: Jeffrey R. Chalmers, PharmD; David Stowe, RPh

Learning Objectives:
- Review the best practices associated with incorporating effective clinical decision support in an electronic health record.
- Explain the planning, build, testing, implementation, and monitoring of medication alerts based on patient specific pharmacogenetic data.
- Identify future directions for expansion of pharmacogenetically targeted clinical decision support.

9:00am–11:00am

Can’t We All Just Get Along? Debates in Chronic Non-Cancer Pain Management (CNCP)

Planned in cooperation with the ASHP Section of Ambulatory Care Practitioners and the ASHP Pain and Palliative Care Section Advisory Group

ACTIVITY #0204-0000-13-213-L01-P
LEVEL OF CONTENT: INTERMEDIATE
2.00 CONTACT HOURS/APPLICATION-BASED

Program Chair/Moderator: Ernest J. Dole, PharmD

Learning Objectives:
- Evaluate the pros and cons of low-dose naltrexone therapy for Chronic Non-Cancer Pain (CNCP).
- Assess new information illustrating the point that chronic opioid therapy may cause glial cell inflammation and subsequently cause chronic pain.
- Apply best evidence for the use of low-dose ketamine for the therapy of Complex Regional Pain Syndrome (CRPS).
- Discuss the controversies surrounding the change of Drug Enforcement Administration (DEA) classification of hydrocodone from CIII to CII.

Pro: Use of Low Dose Naltrexone and Low Dose Ketamine in CNCP, Lee A. Kral, PharmD, BCPS
Con: Use of Low Dose Naltrexone and Low Dose Ketamine in CNCP, Mary Lynn McPherson, PharmD, BCPS, CPE, FASHP

Pro: Chronic Opioid Therapy Causing Glial Cell Inflammation and Being an Independent Pain Generator, Lee A. Kral, PharmD, BCPS
Con: Chronic Opioid Therapy Causing Glial Cell Inflammation and Being an Independent Pain Generator, Jennifer M. Strickland, PharmD, BCPS

Pro: Rescheduling of Hydrocodone from C-III to C-II, Mary Lynn McPherson, PharmD, BCPS, CPE, FASHP
Con: Rescheduling Hydrocodone from C-III to C-II, Jeff Fudin, PharmD, FCCP
education CE sessions  

9:00am–11:00am  
W315 A, Level 3

Change in Pharmacy Practice: Does It Just Happen or Can It Be Planned? Lessons from the “Mirror to Hospital Pharmacy”

Planned in cooperation with the American Institute of the History of Pharmacy and The University of Michigan Health System and College of Pharmacy, Latiolais Leadership Program at the Ohio State University College of Pharmacy

ACTIVITY #0204-0000-13-336-L04-P/0204-0000-13-336-L04-T
LEVEL OF CONTENT: GENERAL INTEREST
2.00 CONTACT HOURS/KNOWLEDGE-BASED

Program Chair/Moderator: William Zellmer, MPH

Learning Objectives:
- Describe three or more facets of the historical importance of the 1964 landmark ASHP publication, “Mirror to Hospital Pharmacy.”
- Identify six or more transformational changes that have occurred in hospital pharmacy practice over the half-century since the “Mirror” was published.
- Identify four or more key factors that have stimulated the growth and development of hospital pharmacy in the United States since the 1960s.
- Identify three or more goals for the future development of pharmacy practice in hospitals and health systems that would be similar in scope to those articulated in the “Mirror.”

Case Study in Bold Pharmacy Leadership: Mirror to Hospital Pharmacy, Gregory Higby, PhD

Closing the Gap between Vision and Reality: Mirror to Hospital Pharmacy as a Beacon for Transformation in Hospital Pharmacy Practice, Douglas J. Scheckelhoff, MS

Bold Goals for the Future, James Stevenson, PharmD, FASHP; Joseph J. Bonkowski, PharmD, MHA; William Zellmer, MPH

9:30am–11:00am  
W202 C, Level 2

The ABCs of ABGs: A Step-Wise Approach to Acid-Base Analysis

ACTIVITY #0204-0000-13-257-L01-P
LEVEL OF CONTENT: INTERMEDIATE
2.00 CONTACT HOURS/APPLICATION-BASED

Presenter: Luis S. Gonzalez, III, PharmD, BCPS

Learning Objectives:
- Given a specific blood gas value, determine the acid-base problem.
- Evaluate the cause of the acid-base disorder.
- Given a patient case, analyze the blood gas and determine the specific abnormality using the step-wise approach.

9:30am–10:00am  
Lecture Hall W300, Level 3

Management Case Study: Interdependent Collaboration to Safeguard Vulnerable Patients — SNFing to Reduce Readmissions

ACTIVITY #0204-0000-13-273-L04-P/0204-0000-13-273-L04-T
LEVEL OF CONTENT: GENERAL INTEREST
0.50 CONTACT HOURS/KNOWLEDGE-BASED

Presenters: Caroline Nguyen, PharmD; Rita Shane, PharmD, FCSHP, FASHPH

Learning Objectives:
- Identify a patient population vulnerable to readmissions that would benefit from pharmacist post-discharge follow up.
- Discuss a multidisciplinary approach for providing continuum of care to patients discharged to skilled nursing facilities (SNFs).
- Discuss the types of drug related problems (DRPs) identified from pharmacist post discharge medication reconciliation for patients discharged to SNFs.

9:30am–11:00am  
Valencia W415 C, Level 4

Headline News: USP and NIOSH Guidance in the Face of Compounding Tragedy and Hazardous Drug Dangers

ACTIVITY #0204-0000-13-346-L03-P/0204-0000-13-346-L03-T
LEVEL OF CONTENT: INTERMEDIATE
1.50 CONTACT HOURS/KNOWLEDGE-BASED

Program Chair/Moderator: Luci A. Power, BS Pharm, MS

Learning Objectives:
- List the risks of failing to apply appropriate quality assurance to compounding or buying sterile preparations.
- Identify issues discussed by congressional hearings and pharmacy state boards on contaminated sterile preparations.
- Describe the risks of workplace exposure to hazardous drugs.
- List the areas of concern to the USP Expert Panel on Hazardous Drugs compounding.

USP Shock and Awe, Eric S. Kastango, MBA, BS Pharm, FASHPH

Hazardous Drugs: And the Mess Goes On, Patricia C. Kienle, MPA, FASHPH

Did I See That on 60 Minutes? Luci A. Power, BS Pharm, MS

9:00am–11:00am  
W304 F, Level 3

Clinical Updates: Major Bleeding with Oral Anticoagulant Therapy

ACTIVITY #0204-0000-13-341-L01-P
LEVEL OF CONTENT: ADVANCED
2.00 CONTACT HOURS/APPLICATION-BASED

Program Chair/Moderator: Maureen A. Smythe, PharmD, FCCP

Learning Objectives:
- Evaluate major bleeding as an endpoint in anticoagulant trials.
- Discuss consequences of major bleeding on anticoagulant therapy.
- Interpret available data on major bleeding with warfarin and novel oral anticoagulants.
- Recommend a protocol for managing life threatening bleeding with novel oral anticoagulants.

Major Bleeding as a Clinical Trial Endpoint, Candice Garwood, PharmD, BCPS

Warfarin Major Bleeding, Denise H. Rhoney, PharmD, FCCP

Novel Oral Anticoagulant Major Bleeding, Maureen A. Smythe, PharmD, FCCP

Managing Major Hemorrhage with Novel Oral Anticoagulants, William E. Dager, PharmD, BCPS, FASHPH

For presenter affiliations see Presenter Index
Marijuana: Is it Real Medication or Just Recreation?

**ACTIVITY #0204-0000-13-234-L01-P/0204-0000-13-234-L01-T**
**LEVEL OF CONTENT: GENERAL INTEREST**
**1.50 CONTACT HOURS/KNOWLEDGE-BASED**

**Program Chair/Moderator:** Laura Borgelt, PharmD, BCPS

**Learning Objectives:**
- Describe the therapeutic effects and potential drug interactions of marijuana.
- Discuss opiate use when marijuana is consumed.
- Review various dosage forms of marijuana and the pharmacodynamic impact for each type of product.
- Identify adverse effects of marijuana and consumer safety issues that should be addressed when using it.
- Compare and contrast regulatory issues and criminal law for use of marijuana in various states.

- It’s Real Medication: Clinical Use of Marijuana and Its Impact on Prescription Medications, Lawrence J. Cohen, PharmD, BCPP, FASH
- It’s Just Recreation: Regulations and Potential Risks with Marijuana, Laura M. Borgelt, PharmD, BCPS

**Special Considerations in Specialty Pharmacy: Constructing a Business Plan for a Specialty Pharmacy Service**

Planned in cooperation with the ASHP Section of Pharmacy Practice Managers

**ACTIVITY #0204-0000-13-344-L04-P/0204-0000-13-344-L04-T**
**LEVEL OF CONTENT: INTERMEDIATE**
**1.50 CONTACT HOURS/KNOWLEDGE-BASED**

**Program Chair/Moderator:** Matthew W. Eberts, PharmD, MBA

**Learning Objectives:**
- Explain the most significant barriers to entry for the specialty pharmacy business.
- Describe how to develop an optimized specialty pharmacy practice model that incorporates pharmacists and pharmacy technicians.
- Identify the necessary criteria involved in contracting specialty pharmacy services with a payer.

- Overview of Specialty Pharmacy, Kevin J. Colgan, MA, FASH
- Building a Specialty Pharmacy Business, Kyle Skiermont, PharmD
- Case Study—Developing a Business Plan for a Specialty Pharmacy, Kyle Skiermont, PharmD

**Clearing the Air: An Evidence Based Approach to Asthma Management in Children and Adults**

Planned in cooperation with the ASHP Section of Inpatient Care Practitioners

**ACTIVITY #0204-0000-13-260-L01-P**
**LEVEL OF CONTENT: INTERMEDIATE**
**1.25 CONTACT HOURS/APPLICATION-BASED**

**Program Chair/Moderator:** Lois F. Parker, BS, RPh

**Learning Objectives:**
- Describe the six key messages in the 2007 NHLBI Asthma Guidelines.
- Using patient cases, develop an asthma action plan, and identify factors that influence compliance with treatment regimens.
- Evaluate the economic burden of asthma, with an emphasis on poorly-controlled disease.
- Recommend a treatment plan for a patient admitted to the ICU with status asthmaticus.
- Differentiate between myths and facts around asthma management.

- Asthma Management in Children vs Adults, Applying 2007 NHLBI Guidelines, Vernon A. Rayford, MD, PharmD
- The Role of the Asthma Educator: Using and Implementing an Asthma Action Plan, Elisabeth S. Stieb, BSN, AE-C

**Not Your Typical CDS Alert: A Real Test of Alerts for Unusual Medication Orders**

**ACTIVITY #0204-0000-13-237-L04-P**
**LEVEL OF CONTENT: INTERMEDIATE**
**1.00 CONTACT HOURS/KNOWLEDGE-BASED**

**Program Chair/Moderator:** David P. Mulherin, PharmD, BCPS

**Learning Objectives:**
- List three advantages of using historical data over current methods of dose limit alerting.
- Compare and contrast two methods of utilizing historical data to implement CDS.
- Identify the clinical limitations of using historical data to identify atypical orders.

- The Concept of Using Historical Data to Detect Unusual Orders, Allie D. Woods, PharmD

For presenter affiliations see Presenter Index
Management Case Study: Implementation of a Pharmacist Annual Review at an Academic Medical Center

ACTIVITY #0204-000-13-274-L04-P/0204-000-13-274-L04-T
LEVEL OF CONTENT: GENERAL INTEREST
0.50 CONTACT HOURS/KNOWLEDGE-BASED
Presenter: David Hager, PharmD, BCPS

Learning Objectives:
- Describe the annual review model and how it can be applied to pharmacists.
- Describe the facilitating preceptor role and how it fits within the needs of resident training prior to independent clinical staffing.
- Design a similar resident supported pharmacist annual review appropriate for your institution.

Management Case Study: Transitions Trifecta — Calibrating the Severity of Drug Related Problems, Medication Adherence, and Literacy in a High Risk Population

ACTIVITY #0204-0000-13-275-L04-P/0204-0000-13-275-L04-T
LEVEL OF CONTENT: GENERAL INTEREST
0.50 CONTACT HOURS/KNOWLEDGE-BASED

Presenters: Bradley Rosen, MD, MBA; Rita Shane, PharmD, FCSHP, FASHP; Olga Zaitseva, PharmD

Learning Objectives:
- Describe the elements of a comprehensive care transitions program.
- Determine the value of a medication adherence and literacy algorithm.
- Identify metrics to evaluate the impact of the pharmacist on transitions of care.

Narcotic Drug Security & Diversion: Implementing Safeguards and Analyzing Data

ACTIVITY #0204-0000-13-371-L04-P/0204-0000-13-371-L04-T
LEVEL OF CONTENT: GENERAL INTEREST
1.00 CONTACT HOURS/KNOWLEDGE-BASED

Program Chair/Moderator: Terri Albarano, PharmD, MS

Learning Objectives:
- Discuss primary methods of diversion in the pharmacy and nursing units, as well as the strategies to create a facility culture of detection and prevention using a multidisciplinary approach.
- Describe how to use reporting tools to uncover diversion and actions to take.
- Evaluate strategies to implement safeguards to prevent diversion in vulnerable areas of the hospital: pharmacy, nursing units, OR/anesthesia, ER, emergency medical services.

Cytomegalovirus Infection Management in Transplant Recipients: Inpatient and Ambulatory Care Implications

Planned in cooperation with the ASHP Section of Clinical Specialists and Scientists

ACTIVITY #0204-0000-13-373-L01-P
LEVEL OF CONTENT: ADVANCED
1.50 CONTACT HOURS/APPLICATION-BASED

Program Chair/Moderator: Eric M. Tichy, PharmD, BCPS

Learning Objectives:
- Describe challenges associated with cytomegalovirus (CMV) infection in transplant recipients.
- Compare and contrast strategies to prevent and manage CMV disease in pediatric and adult transplant recipients.
- Evaluate patient cases for factors that contribute to late-onset CMV disease in solid organ transplant (SOT) and bone marrow transplant (BMT) recipients.

CMV Disease in Solid Organ Transplant Recipients, Steven Gabardi, PharmD, BCPS
CMS Disease in Bone Marrow Transplant Recipients, Alison M. Gulbis, PharmD, BCOP
Treatment of CMV Special Populations, Eric M. Tichy, PharmD, BCPS

Disaster Response and Emergency Preparedness — Not Just Buzz Words

Planned in cooperation with the ASHP Section of Clinical Specialists and Scientists

ACTIVITY #0204-0000-13-378-L04-P/0204-0000-13-378-L04-T
LEVEL OF CONTENT: INTERMEDIATE
1.50 CONTACT HOURS/KNOWLEDGE-BASED

Program Chair: Shannon Manzi, PharmD, EMT
For presenter affiliations see Presenter Index
Learning Objectives:
- Describe the roles of pharmacists and pharmacy technicians on a federal disaster response team.
- List at least three personal interventions a pharmacy professional can perform to better prepare themselves and their workplace for disasters.
- Discuss specific strategies that were effective from real-life examples such as the Boston Marathon bombing, Hurricane Sandy, and the Haitian earthquake.
- Identify three or more ways to apply knowledge of key trends to controversial patient care situations.
- Identify clinical information that can be applied to your work setting.
- Discuss three clinical scenarios that might not be widely known or published.
- Identify novel clinical practice options for patient care in various health-system settings.
- Describe medication management strategies in difficult or controversial patient care situations.
- Identify six or more components of the external environment that will have a major impact on hospital and health-system pharmacy departments over the next five years.
- Identify three or more ways to apply knowledge of key trends to help pharmacists improve patient outcomes.
- Identify three or more steps that health-system pharmacy practitioners should take to contribute effectively to the success of their institutions.

For presenter affiliations see Presenter Index

For presenter affiliations see Presenter Index
2:00pm–4:00pm Valencia W415 C, Level 4

Stopping Medications in Older Adults: Why, When, and How

Planned in cooperation with the ASHP Section of Ambulatory Care Practitioners

ACTIVITY #0204-0000-13-360-L01-P
LEVEL OF CONTENT: INTERMEDIATE
2.00 CONTACT HOURS/APPLICATION-BASED

Program Chair/Moderator: Mollie Ashe Scott, PharmD, BCACP

Learning Objectives:

- Identify adverse drug events in older adults, and develop a therapeutic plan for adjusting the medication regimen.
- Develop a therapeutic plan for long term management of the older adult with osteoporosis treated with bisphosphonates.
- Discuss the pros and cons of using calcium supplements in older patients with cardiovascular disease.
- Develop a therapeutic plan for managing hyperlipidemia in older adults.

Medications to Avoid in Older Adults, Michelle Fritsch, PharmD, BCACP
Stopping Bisphosphonates in Patients with Osteoporosis, Mollie Ashe Scott, PharmD, BCACP
Cardiovascular Risks of Calcium Supplements, Jill S. Borchert, PharmD, BCPS, FCCP
Treating Hyperlipidemia in the Very Old, Daniel M. Riche, PharmD, BCPS

2:00pm–5:00pm W203 C, Level 2

ONCOLOGY PHARMACY SPECIALTY SESSIONS 2013: Advanced Topics in Practice Part 2
Planned in cooperation with the Hematology/Oncology Pharmacy Association and the American College of Clinical Pharmacy

Moderator: Deborah A. McCue, PharmD, BCOP
Moderator: Deborah A. McCue, PharmD, BCOP, Manager of Clinical Pharmacy Services, MD Anderson Cancer Center, Houston, TX

Please note: If you are attending this program for BCOP recertification, there are different instructions for claiming CE from those attending only for ACPE credit.

ACPE Credit Only: Instructions for claiming CE will be available in the session room. CE will be provided by the Hematology/Oncology Pharmacy Association (HOPA).

BCOP Recertification: These sessions are part of the professional development program for recertification of Board Certified Oncology Pharmacists (BCOPs), approved by the Board of Pharmacy Specialties (BPS). BCOPs must attend all six hours of programming to be eligible to complete the Web-based post-test for oncology recertification credit. Partial credit is not available for recertification, but is available for ACPE credit.

In the session room, you must complete a paper registration form and swipe your Electronic Business Card (received at Registration) in the card reader provided in the session room. You must swipe your Electronic Business Card in both the morning and afternoon sessions as you enter and exit the session room.

The post-test fee is $45. After The Midyear, program participants will receive email instructions to purchase and access the test, as well as claim ACPE credit. The post-test examination must be completed and submitted by December 31, 2013. Notification of earned recertification credits will be sent to the Board of Pharmacy Specialties in early 2014.

2:00pm–3:00pm

Multiple Myeloma Treatment Updates

UAN# 0465-9999-13-057-L04-P
LEVEL OF CONTENT: ADVANCED
1.00 CONTACT HOURS/APPLICATION-BASED

Presenter: Andy J. Kurtzweil, PharmD, BCOP

Learning Objectives:

- Choose appropriate initial and salvage therapies, including transplantation, for multiple myeloma (MM) based on patient characteristics.
- Describe the pharmacology, efficacy (place in therapy), and safety of newer agents used to treat MM.
- Analyze the use of maintenance therapy post-transplant in MM.

3:00pm–4:00pm

Updates on the Treatment of Skin Cancers

UAN# 0465-9999-13-058-L04-P
LEVEL OF CONTENT: ADVANCED
1.00 CONTACT HOURS/APPLICATION-BASED

Presenter: Anthony Jarkowski, III, PharmD, BCOP

Learning Objectives:

- Explore the role of emerging therapies in the treatment of skin cancer and discuss the importance of mutation testing.
- Analyze the side effect profiles of drug therapy in skin cancers.
- Apply a monitoring plan for patients receiving pharmacologic therapy for the management of skin cancers.

4:00pm–5:00pm

Beyond Chemotherapy: Psychosocial Care for the Cancer Patient

UAN# 0465-9999-13-059-L04-P
LEVEL OF CONTENT: ADVANCED
1.00 CONTACT HOURS/APPLICATION-BASED

Presenter: Cindy O’Bryant, PharmD

Learning Objectives:

- Distinguish the importance of psychosocial care in cancer patients through the continuum of cancer treatment and the role of the oncology pharmacist.
- Apply appropriate pharmacological therapy for psychosocial disorders commonly associated with cancer patients on chemotherapy, incorporating drug-drug interactions and side effect profiles.
- Employ monitoring and discontinuation plans for these treatment regimens in cancer patients.
**What’s your APPEtite for Enhancing and Expanding Student Practice Models?**

*Planned in cooperation with the ASHP Section of Pharmacy Practice Managers*

**ACTIVITY #0204-0000-13-229-L04-P**  
**LEVEL OF CONTENT: INTERMEDIATE**  
**2.00 CONTACT HOURS/APPLICATION-BASED**

**Program Chair/Moderator:** Rebecca Taylor, PharmD, MBA

**Learning Objectives:**
- Apply potential solutions for providing services when student schedules preclude involvement in patient care.
- Evaluate ways shared faculty help manage increased students to reduce burden on existing staff.
- Develop a plan to incorporate students into pharmacy services at all learning levels.
- Design a strategy to integrate students within a practice site using a block/hub model.

*The Bacon-Wrapped Scallop; How to Wrap Your Intern Program around Gaps in Schedule Coverage,* Craig Martin  
*The Croutons in the Salad; Incorporating Shared Faculty Models at Community Hospitals,* William Kernan, PharmD, BCPS  
*How to Make Students not Feel like Brussels Sprouts; Incorporating Activities for All Learning Levels,* John S. Clark, PharmD, MS, FASHIP  
*Hub and Block Models; Are They the Crème Brûlée of Student Rotation Strategies?* Kathryn Neill, PharmD

**2:00pm–4:00pm**  
**W208 A, Level 2**

**Management Case Study: Evaluation of Non-Traditional Pharmacy and Therapeutics Committee Membership to Optimize Medication Therapy**

*Planned in cooperation with the ASHP Section of Pharmacy Practice Managers*

**ACTIVITY #0204-0000-13-276-L04-P**  
**LEVEL OF CONTENT: GENERAL INTEREST**  
**0.50 CONTACT HOURS/KNOWLEDGE-BASED**

**Presenters:** Kathy Chase, PharmD; Susan Samet, PharmD

**Learning Objectives:**
- List barriers pharmacy and therapeutics committees may face in making decisions for providing optimal medication therapy.
- Identify potential non-traditional pharmacy and therapeutics committee members to assist with making decisions about optimal medication therapy.
- Propose membership additions to the pharmacy and therapeutics committee based on their committees’ needs.

**3:00pm–5:00pm**  
**W207 A, Level 2**

**Breathing Life into the Ambulatory Practice Medical Home Model**

*Planned in cooperation with the ASHP Section of Ambulatory Care Practitioners*

**ACTIVITY #0204-0000-13-361-L04-P**  
**LEVEL OF CONTENT: INTERMEDIATE**  
**2.50 CONTACT HOURS/APPLICATION-BASED**

**Program Chair/Moderator:** Tim R. Brown, PharmD, BCACP, FASHP

**Learning Objectives:**
- List ambulatory services to be provided and identify how to build support for them.
- Develop a list of must-do items for proposing and establishing ambulatory services.
- Plan and execute an appropriate marketing strategy for implementing ambulatory services.
- Evaluate appropriate outcome measures for implementing ambulatory services.

*Planning for the New Models of Ambulatory Care in Your Practice,* Jeffrey M. Brewer, PharmD, BCACP  
*The Nuts and Bolts for Operationalizing Your Ambulatory Care Service,* Gloria P. Sachdev, PharmD, BS Pharm  
*The Who, Why and What of Marketing Your Ambulatory Practice,* Tim R. Brown, PharmD, BCACP, FASHP  
*No Outcome, No Income!* Mary Ann Kliethermes, BS, PharmD

**2:00pm–4:30pm**  
**W312 B, Level 3**

**Changing the Care for Pediatric Patients: Updates on Short Gut Syndrome, Juvenile Arthritis, and Ulcerative Colitis/Crohn’s**

*Planned in cooperation with the Pediatric Pharmacy Advocacy Group*

**ACTIVITY #0204-0000-13-362-L01-P**  
**LEVEL OF CONTENT: ADVANCED**  
**2.00 CONTACT HOURS/APPLICATION-BASED**

**Program Chair/Moderator:** Elizabeth A. Farrington, PharmD, BCPS

**Learning Objectives:**
- Evaluate new drug therapies for the treatment of short bowel syndrome and their role in the treatment of pediatric patients.
- Discuss new strategies to slow the development of TPN-induced cholestasis and liver disease.
- Determine the patient’s subtype of arthritis based on their symptoms and develop a medication regimen for their subtype.
- Develop a medication regimen based on the patient’s diagnosis with Crohn’s disease or ulcerative colitis.
- Develop an education program for patients receiving biologic therapies for JIA, Crohn’s or UC, incorporating new evidence on the long-term effects of these treatments in children.

*Updates on Short Gut Syndrome,* Katherine H. Chessman, PharmD, BCPS, BCNSP  
*Updates on Juvenile Arthritis,* Laura Hayn, PharmD, BCPS  
*Updates on Ulcerative Colitis and Crohn’s,* Elizabeth A. Farrington, PharmD, BCPS

For presenter affiliations see Presenter Index
education CE sessions

3:30pm–4:00pm  Lecture Hall W300, Level 3

Management Case Study: Implementing Shared Governance to Enhance the Pharmacy Practice Model

ACTIVITY #0204-0000-13-277-L04-P/0204-0000-13-277-L04-T
LEVEL OF CONTENT: GENERAL INTEREST
0.50 CONTACT HOURS/KNOWLEDGE-BASED

Presenter: Nathan T. Stuckey, PharmD, BCPS

Learning Objectives:
- Define shared governance.
- Describe the process by which the principles of shared governance were implemented.
- Explain the roles and responsibilities of each member of the shared governance committee.

3:30pm–5:00pm  W202 C, Level 2

Alphabet Soup for the Compounding Soul — How Can IT Help with QA for CSPs?

Planned in cooperation with the ASHP Section of Pharmacy Informatics and Technology

ACTIVITY #0204-0000-13-236-L04-P/0204-0000-13-236-L04-T
LEVEL OF CONTENT: INTERMEDIATE
1.50 CONTACT HOURS/KNOWLEDGE-BASED

Program Chair/Moderator: Brandon J. Ordway, PharmD, MS

Learning Objectives:
- Identify key characteristics of a quality assurance program that should be in place post-implementation of an IV workflow system.
- Describe components of compounded sterile preparations (CSP) quality assurance testing and the exploration of a quarantine program for extended beyond use date testing.
- Develop a plan to utilize inventory control software and technology within a sterile products area.

Quality Assurance Program Post-Implementation of an IV Workflow System, Brandon J. Ordway, PharmD, MS
CSP Quality Assurance Testing and Advancing Pharmacy Roles for QA Monitoring Programs, Chad S. Stashek, PharmD, MS
Utilization of Inventory Control Software and Technology within a Sterile Products Area, Kavish Choudhary, PharmD, MS

3:30pm–5:00pm  Valencia W415 A, Level 4

Measuring and Reversing Antiplatelet or Anticoagulant Agents: Crafting a Management Plan

Planned in cooperation with the ASHP Section of Clinical Specialists and Scientists

ACTIVITY #0204-0000-13-342-L01-P
LEVEL OF CONTENT: ADVANCED
1.50 CONTACT HOURS/APPLICATION-BASED

Program Chair/Moderator: William E. Dager, PharmD, BCPS, FASHP

Learning Objectives:
- Describe how the new target oral anticoagulants effect selected assays.
- Evaluate approaches to measure the effects of newer antiplatelet agents.
- Apply approaches to reversing the effects of oral antiplatelet and anticoagulant agents to patient cases.
- Considerations for Measuring and Assessing Newer Antiplatelet and Anticoagulant Agents, Paul Dobesh, PharmD, BCPS
- Individualizing Management of Bleeding when Antiplatelets and Anticoagulants are Present, William E. Dager, PharmD, BCPS, FASHP

3:30pm–5:00pm  W204 C, Level 2

Mergers and Acquisitions: Bringing a New Hospital Into The Fold

Planned in cooperation with the ASHP Section of Pharmacy Practice Managers

ACTIVITY #0204-0000-13-318-L04-P
LEVEL OF CONTENT: INTERMEDIATE
1.50 CONTACT HOURS/KNOWLEDGE-BASED

Program Chair/Moderator: Bonnie Levin, PharmD, MBA

Learning Objectives:
- List requirements for successful due diligence for evaluation of a potential merger or acquisition.
- Discuss transition activities to be completed prior to and immediately post the merger or acquisition.
- Define on-boarding initiatives for the new pharmacy.
- Describe strategies to optimize cultural transformation.
- Delineate metrics for success.
- Due Diligence, Bonnie Levin, PharmD, MBA
- Transition Phase, Ernest R. Anderson, Jr., MS, FASHP
- Cultural Transformation, Gregory S. Burger, MS, RPh
- Metrics for Success, Bonnie Levin, PharmD, MBA

3:30pm–5:00pm  W314 A, Level 3

Transitions in Nutritional Care from ICU To Home: When and Where Do Published Guidelines Apply?

Planned in cooperation with the ASHP Section of Ambulatory Care Practitioners

ACTIVITY #0204-0000-13-228-L01-P
LEVEL OF CONTENT: INTERMEDIATE
1.50 CONTACT HOURS/APPLICATION-BASED

Program Chair/Moderator: Carol J. Rollins, PharmD, BCNSP

Learning Objectives:
- Discuss factors determining whether a guideline applies in a given patient scenario.
- Evaluate appropriateness of a specific guideline for a given ICU patient scenario.
- Evaluate appropriateness of a specific guideline for a given “floor” patient scenario.
- Develop a discharge plan for a nutrition support patient using appropriate guidelines.
- What You Need to Know about Guidelines, Brian Erstad, PharmD, FASHP
- The Transition from ICU to Floor Status; What Changes in Nutrition Support Guidelines? Hal Richards, PharmD, BCNSP
- Transitioning from In-Patient to Home: Do any of the Nutrition Guidelines Apply? Carol J. Rollins, PharmD, BCNSP

For presenter affiliations see Presenter Index
Management of Hepatitis C Post-Transplantation: Focus on Interferon and Protease Inhibitors

Planned in cooperation with the Society of Infectious Diseases Pharmacists and the American Society of Transplantation

ACTIVITY #0204-0000-13-232-L01-P
LEVEL OF CONTENT: ADVANCED
1.00 CONTACT HOURS/APPLICATION-BASED

Program Chair/Moderator: Monica Golik Mahoney, PharmD

Learning Objectives:
- List the medications used in hepatitis C treatment and liver transplantation immunosuppression.
- Given a patient on immunosuppressive medications, recommend strategies to manage adverse effects of interferon.
- Develop an immunosuppressive regimen to minimize drug interactions with protease inhibitors.

Transplantation and Interferon Treatment, Tiffany E. Kaiser, PharmD
Protease Inhibitors and Pipeline Drugs, Christin C. Rogers, PharmD, BCPS

Rational or Irrational: Polypharmacy in Psychiatry

Planned in cooperation with the College of Psychiatric and Neurologic Pharmacists

ACTIVITY #0204-0000-13-329-L01-P
LEVEL OF CONTENT: ADVANCED
1.00 CONTACT HOURS/APPLICATION-BASED

Program Chair/Moderator: Sarah T. Melton, PharmD, BCPP

Presenter: Rex S. Lott, PharmD, BCPP

Learning Objectives:
- Evaluate evidence-based literature regarding rational and irrational polypharmacy in psychiatric disorders.
- Discuss emerging advances in genetics and pharmacogenomics to tailor treatment and polypharmacy regimens in children and adults with psychiatric disorders.
- Describe the role of the Hospital-Based Inpatient Psychiatric Service (HBIPS) measures with regard to polypharmacy in the inpatient setting.
- Assess the benefits and potential toxicities associated with polypharmacy in patients with psychiatric disorders.

AIMM and the PSPC - A National Collaborative for Improving Medication Management, Todd Sorensen, PharmD
Leveraging 340B for Pharmacist Integration into Ambulatory Care, Bruce Thompson, RPh, MS
Application of the PSPC Performance Improvement Model at Shands Jacksonville, Karen Malcolm, PharmD, BCACp
education CE sessions

WEDNESDAY, DECEMBER 11

8:00am–8:30am  Lecture Hall W300, Level 3

Management Case Study: Creating a Hospital-Based Bedside Delivery Program to Enhance the Patient Experience at Cleveland Clinic

ACTIVITY #0204-0000-13-279-L04-P
LEVEL OF CONTENT: GENERAL INTEREST
0.50 CONTACT HOURS/KNOWLEDGE-BASED

Presenters: Christopher Marcum, PharmD; Jason Milner, PharmD; Michael A. O’Connell, MHA

Learning Objectives:
- Describe the five steps needed to create an effective hospital bedside delivery program.
- Explore at least two options to consider in developing an effective program.
- Describe how a tool kit can help the participant to consider developing their own program.

8:00am–8:30am  Lecture Hall W300, Level 3

Designing Effective Competency Assessment to Advance Practice

Planned in cooperation with the ASHP Section of Inpatient Care Practitioners and the ASHP Section of Pharmacy Practice Managers

ACTIVITY #0204-0000-13-345-L04-P
LEVEL OF CONTENT: INTERMEDIATE
1.50 CONTACT HOURS/APPLICATION-BASED

Program Chair/Moderator: Rebecca Taylor, PharmD, MBA

Learning Objectives:
- Describe different strategies to develop pharmacist competencies.
- Design a pharmacist competency program within your hospital.
- Assess incorporating online modules for staff development.

8:00am–9:30am  W202 C, Level 2

Pharmacy-Managed Medication Reconciliation Programs: Performance Strategies & Lessons Learned

ACTIVITY #0204-0000-13-259-L04-P
LEVEL OF CONTENT: INTERMEDIATE
1.50 CONTACT HOURS/APPLICATION-BASED

Program Chair/Moderator: Mitchell S. Buckley, PharmD, BCPS

Learning Objectives:
- Describe the impact that medication reconciliation programs can have on preventing medication errors at your practice setting.

8:00am–8:30am  W204 C, Level 2

The Drug Shortage Crisis: From Pharma to Advocacy and Everything in Between

Planned in cooperation with the ASHP Section of Inpatient Care Practitioners

ACTIVITY #0204-0000-13-372-L04-P
LEVEL OF CONTENT: INTERMEDIATE
1.50 CONTACT HOURS/KNOWLEDGE-BASED

Program Chair/Moderator: Terri Albarano, PharmD, MS

Learning Objectives:
- Describe current challenges and steps to mitigate drug shortage issues from the perspective of the pharmaceutical manufacturer.
- Identify the key operational and clinical strategies for avoiding a crisis when dealing with drug shortages.
- Discuss the impact of medication shortages to direct patient care.
- Describe local, state, and national organizations involved in pharmacy advocacy.

8:00am–9:30am  W209 A, Level 2

Under Debate: Non-Biological Complex Drugs (NBCD) and the Generic Paradigm

ACTIVITY #0204-0000-13-214-L04-P
LEVEL OF CONTENT: INTERMEDIATE
1.50 CONTACT HOURS/KNOWLEDGE-BASED

Program Chair/Moderator: Stefan Muhlebach, PhD

Learning Objectives:
- Identify a non-biological complex drug.
- Explain the potential clinical implication of substituting non-biological complex drugs.
- List the commonalities between biologics and non-biological complex drugs.
- Identify a multidisciplinary way to handle substitution.

For presenter affiliations see Presenter Index
Clinical Applications of the 2013 ASPEN Parenteral Nutrition Safety Consensus Recommendations

Planned in cooperation with the ASHP Section of Clinical Specialists and Scientists and the American Society for Parenteral and Enteral Nutrition

ACTIVITY #0204-0000-13-365-L01-P
LEVEL OF CONTENT: INTERMEDIATE
1.75 CONTACT HOURS/APPLICATION-BASED

Program Chair/Moderator: Phil Ayers, PharmD, BCNSP, FASHP

Learning Objectives:
- Assess current practice compared to the proceedings of the Parenteral Nutrition (PN) Safety Summit.
- Evaluate the task force recommendations for prescribing PN and suggestions for future research.
- Apply the recommendations of the task force regarding PN order review/verification and appropriate compounding procedures.
- Discuss the task force recommendations for the safe administration of PN.

Parenteral Nutrition Practices, Jay M. Mirtallo, MS, RPh, FASHP
Safe Practices for Compounding Parenteral Nutrition, Gordon S. Sacks, PharmD
Safe Administration of Parenteral Nutrition, Phil Ayers, PharmD, BCNSP, FASHP

Emergency Medicine Pearls 2013

Planned in cooperation with the ASHP Section of Clinical Specialists and Scientists

ACTIVITY #0204-0000-13-203-L01-P
LEVEL OF CONTENT: GENERAL INTEREST
1.75 CONTACT HOURS/KNOWLEDGE-BASED

Program Chair/Moderator: Daniel Hays, PharmD, BCPS, FASHP

Learning Objectives:
- Discuss clinical practice in the Emergency Department.
- Explain applications of clinical pharmacotherapy in the Emergency Department.
- Discuss how to apply clinical pharmacotherapy to unique circumstances and clinical presentations.

Honey, I Fed the Baby...Honey, Stephanie N. Baker, PharmD, BCPS
AssALT on Seizures: Hypertonic Saline Boluses for Hypotonic Seizures, Patrick Bridgeman, PharmD, BCPS
Break the Cycle, Relieve the Pain: Low-Dose Ketamine to Reduce Opioid Requirements, Elizabeth Giesler, PharmD
You Have to Poke Me Where?! Terbutaline for the Treatment of Priapism in the ED, Mason H. Bucklin, PharmD
Pediatric Sexual Assault — An Unfortunate Reality, Shannon Manzi, PharmD, EMT
Low dose Succinylcholine for Ketamine Induced Laryngospasm, Aimee Mishler, PharmD

Improving Medication Safety: A National Perspective from ISMP

Planned in cooperation with the Institute for Safe Medication Practices

ACTIVITY #0204-0000-13-319-L05-P/0204-0000-13-319-L05-T
LEVEL OF CONTENT: GENERAL INTEREST
1.75 CONTACT HOURS/KNOWLEDGE-BASED

Program Chair/Moderator: Darryl S. Rich, PharmD, MBA, FASHP

Learning Objectives:
- List three of the top medication safety issues reported to ISMP during 2013 with one successful practice that mitigates the error potential for each.
- List three prevalent safety issues unique to pediatric medication use, with a successful practice to mitigate the error potential for each.

Effective Strategies for ISMP’s Top Reported Medication Safety Issues in Hospitals for 2013, Darryl S. Rich, PharmD, MBA, FASHP
Improving Pediatric Medication Safety, Michelle Mandrack, RN, MSN
**Navigate 2014 CMS Payment Rules with Integrity and Clarity**

Planned in cooperation with the ASHP Section of Pharmacy Practice Managers and the Section Advisory Group on Quality and Compliance

**Activity #0204-0000-13-343-L04-P**

**Level of Content:** INTERMEDIATE

1.75 CONTACT HOURS/KNOWLEDGE-BASED

**Program Chair/Moderator:** Bonnie Kirschenbaum, MS, FCSHP, FASHP

**Learning Objectives:**
- Explain 2014 changes to Medicare reimbursement and identify operational changes required to implement them.
- Describe pharmacy leader roles in educating their health-systems on impacts of IPPS/OPPS changes.
- Describe four Medicare reimbursement challenges and complexities in your practice setting.
- List Medicare compliance requirements as they apply to 2014 IPPS/OPPS Payment System changes.

2014 CMS Payment Rules: Ready or Not! Beth L. Roberts, JD

Want Results? Make Payment a Priority! Bonnie Kirschenbaum, MS, FCSHP, FASHP

---

**The 2013 Pain, Agitation, and Delirium Guidelines: Many Opportunities for Pharmacists to Improve ICU Care**

Planned in cooperation with the ASHP Section of Clinical Specialists and Scientists and the ASHP Section of Inpatient Care Practitioners

**Activity #0204-0000-13-233-L04-P/0204-0000-13-233-L04-T**

**Level of Content:** GENERAL INTEREST

1.75 CONTACT HOURS/APPLICATION-BASED

**Program Chair/Moderator:** Shishir Gupta, PharmD, MSBA

**Learning Objectives:**
- Identify those recommendations in the PAD guidelines that will most change current ICU practice.
- Apply the pain, sedation and delirium screening tools recommended by the guidelines.
- Support implementation of the new guidelines through education and development of policies, protocols, and order sets.

Assessing Pain, Agitation, and Delirium in the Adult ICU Patient, Gilles Fraser, PharmD, FCCM

The 2013 PAD Recommendations and Statements: Clarifying the Evidence and Establishing Pharmacist’s Priorities, John Devlin, PharmD, FCCM

Implementing the PAD Guidelines: The Pharmacist’s Role Within and Beyond the ICU, Jeremiah J. Duby, PharmD, BCPS

---

**Visual Explanations: Designing Your Data for Impact**

Planned in cooperation with the ASHP Section of Pharmacy Practice Managers

**Activity #0204-0000-13-233-L04-P/0204-0000-13-233-L04-T**

**Level of Content:** GENERAL INTEREST

1.75 CONTACT HOURS/APPLICATION-BASED

**Program Chair/Moderator:** Ashley Mains, PharmD, MS

**Learning Objectives:**
- Evaluate methods to capture meaningful data and incorporate frontline staff.
- Develop consistency and standardization across your department through visual management tools.
- Recommend strategies to highlight your successes.
- Apply best practices to avoid pitfalls in designing, executing, and maintaining visual management tools.

Spot Opportunities - Engaging Front-Line Staff, Ashley Mains, PharmD, MS

Watch Out! Unexpected Results, Ashley Mains, PharmD, MS

An Eye on Performance - Working with Managers, Sam Calabrese, RPh, MBA, FASHP

Watch Out! Treat the Problem, Not the Color, Sam Calabrese, RPh, MBA, FASHP

Seeing Clearly - Showing Your Executives, Chris Bell, MS, PharmD

Watch Out! Common Misconceptions, Chris Bell, MS, PharmD
Did you miss a session or want your staff to experience Highlights from ASHP education sessions from Orlando?

Visit the Bookstore to preorder the 2013 Midyear Highlights. Available for sale now and delivered in the comfort of your home or office in January 2014.

**8:15am–9:45am**

**W208 A, Level 2**

- **Unintended Patient Safety Consequences of EHR Technology — New Regulations on the Horizon**
  
  Planned in cooperation with the ASHP Section of Pharmacy Informatics and Technology

  ACTIVITY #0204-0000-13-238-L05-P/0204-0000-13-238-L05-T
  
  LEVEL OF CONTENT: INTERMEDIATE
  
  1.50 CONTACT HOURS/KNOWLEDGE-BASED

  **Program Chair/Moderator:** Laura L. Tyndall, BS, PharmD

  **Learning Objectives:**
  
  - Describe which federal, state, local or accrediting organizations have or are promulgating new patient safety requirements that will impact healthcare organizations.
  
  - Define the concept and role of User Center Design as published in ARRA/MU 2014 Certification requirements.
  
  - Describe the proposed National Learning System around Patient Safety.
  
  - Describe the ONC proposed Patient Safety Action and Surveillance Plan.
  
  - Describe case examples of unintended medication safety consequence EHR technology.

  **Examples of Unintended Consequences of Technology,** Christina Michalek, PharmD, FASHP

  **Proposed Federal Initiatives,** Richard Landen, MBA, MPH

  **New Patient Safety Reporting and Data Analysis,** William (Bill) B. Munier, MD, MBA

**8:30am–9:45am**

**W304 F, Level 3**

- **Taking the “Ouch” Out of Gout: Update on the Management of Gout**

  ACTIVITY #0204-0000-13-215-L01-P
  
  LEVEL OF CONTENT: INTERMEDIATE
  
  1.25 CONTACT HOURS/APPLICATION-BASED

  **Presenter:** Joseph Saseen, PharmD, FASHP

  **Learning Objectives:**
  
  - Summarize new American College of Rheumatology (ACR) guideline recommendations for the prevention and acute treatment of gout.

**8:45am–9:15am**

**Lecture Hall W300, Level 3**

- **Management Case Study: Novel Use of an Automated Workflow Management System to Support Oral Medication Dispensing in a Pediatric Hospital Pharmacy**

  ACTIVITY #0204-0000-13-280-L04-P/0204-0000-13-280-L04-T
  
  LEVEL OF CONTENT: GENERAL INTEREST
  
  0.50 CONTACT HOURS/KNOWLEDGE-BASED

  **Presenters:** Sarah Bledsoe, PharmD; Wendy Hoebing, RPh; Jack Lemanowicz, RPh, MS

  **Learning Objectives:**
  
  - Describe methods for identifying risk points for pharmacy dispensing errors.
  
  - Describe key processes for implementing a pharmacy automated workflow system for oral medications.
  
  - Describe pharmacist and technician perception and experiences with an automated workflow system.

**10:00am–11:00am**

**Chapin Theater W320, Level 3**

- **Spotlight on Science**

  **Conventional and Unconventional Wisdom: Emerging Approaches to Oncology Drug Dosing and Implications for Health-System Pharmacy**

  ACTIVITY #0204-0000-13-325-L01-P
  
  LEVEL OF CONTENT: GENERAL INTEREST
  
  0.75 CONTACT HOURS/KNOWLEDGE-BASED

  **Featured Speaker:** Mark J. Ratain, MD

  **Tips for Attending:** Please enter on Level 3. Please fill all seats and do not leave empty seats in-between.

  Dr. Ratain has pioneered the field of cancer pharmacogenetics and directs research efforts in phase I cancer clinical trials aimed at determining the clinical pharmacology of new anticancer drugs at the University of Chicago. In this session, he will discuss the data supporting the labeled dosing of oncology agents as compared to alternative approaches. Clinical implications will be explored, including those related to drug-drug and drug-food interactions.

  **Learning Objectives:**
  
  - Describe the data supporting the conventional use of body surface area based dosing.
  
  - Discuss the state of development of germline pharmacogenetic diagnostics for oncology drugs.
  
  - Name the risks to patients regarding food intake in conjunction with oral oncology drugs.
  
  - Recognize challenges of drug-drug interactions in oncology.

  For more information see page 32.
education CE sessions

2:00pm–2:30pm  Lecture Hall W300, Level 3

Management Case Study: Effective Methods to Implement and Optimize a Standard Benchmarking Process

ACTIVITY #0204-0000-13-281-L04-P/0204-0000-13-281-L04-T
LEVEL OF CONTENT: GENERAL INTEREST
0.50 CONTACT HOURS/KNOWLEDGE-BASED

Presenter: Lindsay Hovestreydt, PharmD, BCPS

Learning Objectives:
- Describe the benefits of benchmarking to a department of pharmacy.
- Identify caveats and barriers for the use of benchmarking.
- Analyze key considerations for leveraging a benchmarking process.

2:00pm–3:00pm  W314 A, Level 3

Stop Stressing Out: The New Stress Ulcer Prophylaxis (SUP) Guidelines are Finally Here!

Planned in cooperation with the ASHP Section of Clinical Specialists and Scientists

ACTIVITY #0204-0000-13-216-L01-P
LEVEL OF CONTENT: INTERMEDIATE
1.00 CONTACT HOURS/APPLICATION-BASED

Program Chair/Moderator: Kim Benner, PharmD, BCPS, FASHP

Learning Objectives:
- List the risk factors for stress ulcers in critically ill patients.
- Compare and contrast the pharmacology of agents used for stress ulcer prophylaxis (SUP).
- List adverse events and safety issues associated with SUP.
- Apply the guidelines for stress ulcer prophylaxis to a patient case.

Review of Updated Stress Ulcer Prophylaxis Guidelines, Henry Cohen, PharmD, FCCM
Patient Cases - Adult and Pediatric, Kim Benner, PharmD, BCPS, FASHP

2:00pm–3:15pm  W209 A, Level 2

Turning Lemons into Lemonade: Handling Challenging Trainees in Experiential Education

ACTIVITY #0204-0000-13-235-L04-P
LEVEL OF CONTENT: GENERAL INTEREST
1.25 CONTACT HOURS/APPLICATION-BASED

Program Chair/Moderator: Justine S. Gortney, PharmD, BCPS

Learning Objectives:
- Apply literature-based and practical strategies for identifying challenging trainees.
- Generate early prevention strategies to assist trainee and preceptor.
- Develop a plan to resolve issues including deficits in clinical skills, communication, and professionalism.

Defining Challenging Trainees and Current Standards, Lindsay Davis, PharmD, BCPS
Vignette 1: Unprofessional Conduct, Monica Miller, PharmD, MSc
Vignette 2: Clinical Skill Deficit, Lindsay Davis, PharmD, BCPS
Vignette 3: Poor Interprofessional Communication Skills, Justine S. Gortney, PharmD, BCPS

2:00pm–3:45pm  W311 F, Level 3

Door to Door Service: Mastering Transitions in Acute Pain Management

Planned in cooperation with the ASHP Section of Ambulatory Care Practitioners

ACTIVITY #0204-0000-13-367-L01-P
LEVEL OF CONTENT: ADVANCED
1.75 CONTACT HOURS/APPLICATION-BASED

Program Chair/Moderator: Lee A. Kral, PharmD, BCPS

Learning Objectives:
- Given a description of a complex pain patient, complete a thorough pre-operative pain assessment including analgesic medication reconciliation.
- Recommend an evidence-based analgesic plan for post-operative pain management, including monitoring the patient.
- Design a discharge plan for the transition from acute pain management to outpatient rehabilitation setting.

Key Principles in Acute Pain Management, Lee A. Kral, PharmD, BCPS
Pre-Operative Assessment and Transition from Outpatient to Inpatient, Suzanne A. Nesbit, PharmD, CPE
Peri-Operative Pain Management, James B. Ray, PharmD, CPE
Discharge Plan and Transition from Inpatient to Outpatient, Lee A. Kral, PharmD, BCPS
2:00pm–4:00pm  Valencia W415 D, Level 4

Infectious Diseases Update: Using Guidelines to Optimize Treatment

ACTIVITY #0204-0000-13-232-L01-P
LEVEL OF CONTENT: ADVANCED
2.00 CONTACT HOURS/APPLICATION-BASED

Program Chair/Moderator: Kevin W. Garey, PharmD, MS, FASHP

Learning Objectives:
- Apply data from the updated vancomycin monitoring guidelines to the care and treatment of patients with methicillin-resistant Staphylococcus aureus (MRSA) bacteraemia.
- Evaluate appropriate treatment regimens for candidemia based on the recently published candidiasis guidelines.
- Given a specific case of a patient with Clostridium difficile infection, identify methods to decrease the likelihood of Clostridium difficile infection recurrence.

MRSA Infections, Michael J. Rybak, PharmD, MPH
C.difficile and Candida Infection, Kevin W. Garey, PharmD, MS, FASHP

2:00pm–4:00pm  W414 C, Level 4

Informatics Pearls 2013: Bytes of Informatics

Planned in cooperation with the ASHP Section of Pharmacy Informatics and Technology

ACTIVITY #0204-0000-13-204-L04-P/0204-0000-13-204-L04-T
LEVEL OF CONTENT: GENERAL INTEREST
2.00 CONTACT HOURS/KNOWLEDGE-BASED

Program Chair/Moderator: Susan Kleppin, BS Pharm

Learning Objectives:
- Identify how pharmacy informatics programs can be utilized in your hospital system to improve patient care.
- Describe one way a hospital has made better use of its clinical information system and how it may be implemented in your hospital.
- Compare various pharmacy informatics initiatives and how they improve the medication-use system.

Getting Blood Out of a Stone, Barbara Giacomelli, PharmD, MBA, FASHP
The Secret Ingredient to Implementing a Centralized Order Verification Model- IT, Barry M. McClain, PharmD, MS
A Few “Bites” of a Clinical Decision Support Program Toward the Use of High Cost Drugs, Bao Nguyen, PharmD, BCPS
Elevating the Information System Experience by Easily Creating Quick and Informative eLearning Modules, Jeffrey R. Chalmers, PharmD
Restricting Clinic Administered Medications in Hospitalized Patients, Michelle Thoma, PharmD
Broadband Informatics: Managing Health-System Medication-Use Information Systems, Joseph Lassiter, PharmD, BCPS
iManager: Using Scoring Systems to Enforce Hospital Policies, Benjamin Laird, PharmD
Implementing an Electronic Health Record GPS to Advance Pharmacy Practice, David Seki, PharmD
Close(d) Encounters of the Worst Kind: Adapting an Inpatient Intervention Documentation Tool to Ambulatory Practice, Michael Ganio, PharmD
Designing a Pharmacy Intervention Reporting System in Microsoft SharePoint, Wyndie Tse, PharmD
Prevention of Drug Name Confusion Errors - An Unexpected Side Effect of CPOE Indication Alerts, Michelle L. Bryson, PharmD
Using CPOE to Limit the Use of Overrides from Automated Dispensing Cabinets, Eleni Drake, PharmD
Is an Alert a Sure Thing for Patient Safety? Ramadas Balasubramanian, PharmD
Eliminating Those Unnecessary and Unwanted Medication Alerts, Bret Brodowy, PharmD
Making Drug-Drug Interaction Checking Fun! Eliminating Irrelevant Alerts through Decision Support, Pieter Helmons, PharmD, MAS
Don’t Underestimate the Power of the Pump! Rick Carlson, PharmD, BCPS
Reinventing the Wheel...Or: How to Handle Insulin and Other Bar-Coding Nightmares, Theresa J. Waxlax, RPh
Utilizing the “User Manual” to Optimize Smart Infusion Pump Functionality to Increase Safety at Point of Administration in Neonatal and Pediatric Populations, Phuoc Lynsey Le, PharmD

2:00pm–4:00pm  W315 A, Level 3

The 411 on 911 Patient Care: Deploying Cost and Life Saving Services in the Emergency Department

Planned in cooperation with the ASHP Section of Ambulatory Care Practitioners and the ASHP Section of Pharmacy Practice Managers

ACTIVITY #0204-0000-13-340-L04-P
LEVEL OF CONTENT: INTERMEDIATE
2.00 CONTACT HOURS/APPLICATION-BASED

Program Chair/Moderator: Roy K. Guharoy, PharmD, MBA, FASHP

Learning Objectives:
- Develop and evaluate pharmacist provided services within an emergency care team and how to overcome potential barriers.
- Apply how to expand pharmacy services in the Emergency Department.
- Evaluate the challenges and implementation of prospective pharmacist review of all medication orders in a freestanding ED and the impact on cost control and clinical outcome.
- Interpret and evaluate the patient safety and quality measure benefits that pharmacists can leverage.
- Evaluate the cost savings from having an emergency pharmacist present.

Clinical Pharmacy Services in the Emergency Department: Impact on Patient Care and Outcome - A Physician Perspective, Sandra M. Schneider, MD
Prevention of Medication Misadventures and Improvement of Quality Outcome in the Emergency Department, Daniel Hays, PharmD, BCPS, FASHP
Clinical Pharmacy Services in Free Standing Emergency Department, Jonathan P. Williams, PharmD, MS
2:00pm–4:30pm  Valencia W415 C, Level 4

The Joint Commission Update for 2014

Planned in cooperation with The Joint Commission/Joint Commission Resources

ACTIVITY #0204-0000-13-302-L03-P/0204-0000-13-302-L03-T
LEVEL OF CONTENT: GENERAL INTEREST
2.50 CONTACT HOURS/KNOWLEDGE-BASED

Program Chair/Moderator: Jeannell Mansur, BS Pharm, PharmD, FASHP

Learning Objectives:
1. Describe two significant changes to the medication management standards and National Patient Safety Goals for 2014.
2. Identify at least one key issue found on survey relating to the top four challenging medication management standards.
3. Describe four top medication-related findings during CMS surveys.
4. Describe two tracer methodologies used by The Joint Commission during a survey.
5. Cite at least three Medication Use Management categories to be addressed during a tracer.

Joint Commission Medication Management Update for 2014, Jeannell Mansur, BS Pharm, PharmD, FASHP; Patricia Adamski, RN, MS, MBA, FACHE

2:45pm–3:15pm  Lecture Hall W300, Level 3

Management Case Study: Implementing a Pharmacy Technician Medication History Program in a Community Teaching Hospital

ACTIVITY #0204-0000-13-282-L04-P/0204-0000-13-282-L04-T
LEVEL OF CONTENT: GENERAL INTEREST
0.50 CONTACT HOURS/KNOWLEDGE-BASED

Presenters: Alia Daghstani, PharmD, BCPS; Michael Hoying, MS, RPh; Maria Putrino, PharmD, RPh

Learning Objectives:
1. Describe opportunities for pharmacy technicians to provide pharmaceutical care in the ED.
2. Explain how PGY1 pharmacy residents can work as pharmacist extenders to develop new ED services.
3. Discuss job priorities for ED pharmacist involvement.

3:00pm–5:00pm  Lecture Hall W314 A, Level 3

Reducing Harm in the Elderly: A Focus on Delirium, Falls, and Medication Errors

Planned in cooperation with the ASHP Section of Clinical Specialists and Scientists

ACTIVITY #0204-0000-13-369-L05-P
LEVEL OF CONTENT: INTERMEDIATE
1.00 CONTACT HOURS/APPLICATION-BASED

Program Chair/Moderator: Ericka Breden Crouse, PharmD, BCPP

Learning Objectives:
1. Identify medication adverse events that lead to hospital admission.
2. Recognize symptoms of delirium.
3. Evaluate geriatric case scenarios to identify medication errors that may have resulted in harm.
4. Assess medication regimens for medications that may increase risk for falls or delirium.

Vignette 1: Focus on Geriatric Admissions & Medication Errors, Noll Campbell, PharmD; Sean Jeffery, PharmD; Christine M. Ruby, PharmD, BCPS
Vignette 2: Focus on Falls, Noll Campbell, PharmD; Sean Jeffery, PharmD; Christine M. Ruby, PharmD, BCPS
Vignette 3: Focus on Delirium, Noll Campbell, PharmD; Sean Jeffery, PharmD; Christine M. Ruby, PharmD, BCPS
Daily Dose: Utilizing Preceptees as an Indispensable Part of your Daily Pharmacy Practice

Planned in cooperation with the ASHP Section of Ambulatory Care Practitioners
ACTIVITY #0204-0000-13-230-L04-P
LEVEL OF CONTENT: INTERMEDIATE
1.25 CONTACT HOURS/APPLICATION-BASED

Program Chair/Moderator: Lindsey Elmore, PharmD

Learning Objectives:
- Determine how effectively learners are integrated into the practice model at your site.
- Devise a plan for how learners can expand, evaluate, and create patient care services.
- Develop action steps to bring concept to completion and pitch idea to a stakeholder.

Assessing the Current State, Lindsey Elmore, PharmD
Incorporating Preceptees into Ambulatory Care, Julianna L. Burton, PharmD, BCACP
Ideas for Incorporating Learners and Crafting Action Plan, Lindsey Elmore, PharmD

A Trial of Conscience or Good Science: Compounded Analgesics

Planned in cooperation with the ASHP Section of Ambulatory Care Practitioners
ACTIVITY #0204-0000-13-339-L01-P
LEVEL OF CONTENT: ADVANCED
1.00 CONTACT HOURS/KNOWLEDGE-BASED

Program Chair/Moderator: Lee A. Kral, PharmD, BCPS

Learning Objectives:
- State the risks of intraspinal therapies, including those inherent with compounded products.
- Describe the role of injectable analgesic therapies (specifically corticosteroids) in the management of chronic noncancer pain.
- Determine if a given patient is a good candidate for intrathecal analgesic therapy and choose an appropriate agent for the management of noncancer or cancer pain using evidence-based literature and guidelines.

Case 1 - How We Got Here, Lee A. Kral, PharmD, BCPS
Case 2 - Why Do We Use Compounded Medications? Tanya Uritsky, PharmD, BCPS
Case 3 - Intrathecal Pump Therapies, Tanya Uritsky, PharmD, BCPS

Management Case Study: Systematizing the Formulary Management Process in a Multi-Hospital System

ACTIVITY #0204-0000-13-284-L04-P/0204-0000-13-284-L04-T
LEVEL OF CONTENT: GENERAL INTEREST
0.50 CONTACT HOURS/KNOWLEDGE-BASED

Presenter: Jennifer Reddan, PharmD, FASHP

Learning Objectives:
- Describe the rationale for establishing a System Formulary and P&T Committee structure.
- Identify lessons learned during the implementation process of a System P&T Committee.
- Describe tracking tools to evaluate effectiveness of a System P&T Committee and opportunities for future improvement.
Brave New World — Antimicrobial Stewardship in the Pediatric, Oncology and Emergency Room Units

Planned in cooperation with the ASHP Section of Clinical Specialists and Scientists

ACTIVITY #0204-0000-13-226-L01-P
LEVEL OF CONTENT: INTERMEDIATE
1.75 CONTACT HOURS/APPLICATION-BASED

Program Chair/Moderator: Linda A. Nelson, BS, PharmD

Learning Objectives:
- Identify considerations in structuring antimicrobial stewardship interventions for pediatric, oncology and emergency room patients.
- Evaluate areas for potential antimicrobial stewardship intervention in pediatric, oncology and emergency room patients.
- Design strategies for improving antimicrobial use and/or optimizing outcomes in specialized patient populations.

Antimicrobial Stewardship Strategies in Pediatrics, Holly D. Maples, PharmD
Antimicrobial Stewardship Strategies in Oncology, Rod Quilitz, PharmD, BCOP
Antimicrobial Stewardship Strategies in the Emergency Room, Nicole M. Acquisto, PharmD

Is the Verdict FINALLY in? Updates in Cholesterol Guidelines

Planned in cooperation with the ASHP Section of Ambulatory Care Practitioners

ACTIVITY #0204-0000-13-366-L01-P
LEVEL OF CONTENT: ADVANCED
1.75 CONTACT HOURS/APPLICATION-BASED

Program Chair/Moderator: Tracy Martinez, PharmD
Presenters: Tracy Martinez, PharmD; Deniz B. Yavas, PharmD

Learning Objectives:
- Describe the important updates to the management of dyslipidemia using clinical trials and consensus documents.
- Describe appropriate risk stratification and determine which patients are best suited for aggressive lipid lowering treatment.
- Interpret the evidence and recommendations for new treatment targets beyond LDLc.
- Evaluate some of the controversies that exist in hyperlipidemia management.
- Apply updated information to develop appropriate treatment strategies and therapy goals for patients.

Practice Innovations: Strategies Worth Sharing

Planned in cooperation with the ASHP Sections, Forums, and PPMI Joint Coordination Committee

ACTIVITY #0204-0000-13-256-L04-P/0204-0000-13-256-L04-T
LEVEL OF CONTENT: GENERAL INTEREST
2.00 CONTACT HOURS/KNOWLEDGE-BASED

Program Chair/Moderator: Jennifer M. Schultz, FASHP

Learning Objectives:
- advancement recommendations receive priority and resources.
- Describe common barriers that affect practice advancement.
- Identify and recommend effective strategies utilized to implement and measure practice advancement recommendations.

Advancing the Technician by Implementing a Career Ladder, Cindy K. Jeter, CPhT, CPP
The Layered Learning Practice Model- Utilizing Learners to Expand Patient Care Services, Stephen Eckel, PharmD, MHA, FASHP
Capturing Collective Implementation Experiences of Clinicians Using the Layered Learning Practice Model, Nicole R. Pinelli, PharmD, MS, CDE
Taking Responsibility for Medication-related Outcomes: Medication Reconciliation at Discharge, Carson P. Padgett, PharmD, BCPS
How to Integrate Pharmacists and Transitional Care Management CPTs into Your Clinic, Betsy Shilliday, PharmD, BCACP
Advancing the Role of Students: Innovative Practices in Action, Thomas S. Achey, PharmD Candidate
Transforming Pharmacy Practice through Informatics, Mark H. Siska, RPh, MBA/TM
Unleash Your Inner Leader: The Puzzle of Leadership... Are You Sharing Your Piece?

ACTIVITY #0204-0000-13-218-L04-P/0204-0000-13-218-L04-T
LEVEL OF CONTENT: GENERAL INTEREST
2.50 CONTACT HOURS/APPLICATION-BASED

Presenter: Leslie A. Stein

For far too long, we’ve believed that leadership is a title that is bestowed upon us. A role we hold. Something we DO after the votes are counted, the contract is signed, and we are officially anointed as “the boss.” But is that really what leadership is? This session will reframe leadership to demonstrate that it is not a role to be filled by one person, but EVERYONE on a team. Instead of thinking of teams as sitting at a long table with one leader at the head of it, what if the table was round and everyone’s seat mattered equally? What if leadership is a puzzle and “the boss” only has one piece? What then?! This session will use a mix of stories, real life examples, and interactive engagement strategies to help you not only reframe leadership in general…but YOUR leadership.

Learning Objectives:
- Explain the difference between a title of leadership and how they can exercise everyday leadership.
- Discuss your unique leadership attributes and how you might better use them.
- Illustrate the impact of everyday leadership in the real world.

Myth Busters: The Customer is Always Right and Other Business Principles You May Be Better Off Unlearning

ACTIVITY #0204-0000-13-219-L04-P/0204-0000-13-219-L04-T
LEVEL OF CONTENT: GENERAL INTEREST
2.00 CONTACT HOURS/APPLICATION-BASED

Presenter: Leslie A. Stein

We’ve heard them a million times. Basic principles that are said so often, we don’t even question them anymore. But what if they’re wrong? What if the current best thinking has changed and the customer ISN’T always right? What if seeing ISN’T believing and instead you can create what you see by changing what you believe? These and other myths will be busted wide open during this interactive session that introduces new perspectives on old business thinking with a mix of stories, videos, pictures, and activities. Time drags in a two hour session the last day of the conference, right? Maybe in the old way of thinking…but not this one! Come join us to find out why!

Learning Objectives:
- Evaluate updated thinking around age old business principles.
- Better define who the customer is and ISN’T.
- Explain one of the main reasons why meetings aren’t successful, even if the right people are there.

New Drugs in Primary Care 2013

ACTIVITY #0204-0000-13-129-L01-P
LEVEL OF CONTENT: GENERAL INTEREST
2.00 CONTACT HOURS/KNOWLEDGE-BASED

Presenter: Tom Frank, PharmD

Have you ever read a new drug review and felt like you might as well have read the package insert? You are busy and you want to know if this new product is a significant improvement or a significant expense. This presentation is a bit more opinionated than those review articles in an effort to identify valuable innovations as well as new risks that must be assessed. This speaker and topic have been a part of the program at the Summer Meeting for the preceding 15 years. An updated version is being delivered to close out the Midyear Meeting to provide a broad range of drug expertise in a concise format.

Learning Objectives:
- Describe new trends in drug development.
- Identify indications, pharmacology, adverse effects and dosing of the products discussed.
- Describe the role these products will play in your practice.

Overcoming Insulin Resistance: an Interactive Approach in the Management of Type 2 Diabetes

Planned in cooperation with the ASHP Section of Ambulatory Care Practitioners

ACTIVITY #0204-0000-13-370-L01-P
LEVEL OF CONTENT: INTERMEDIATE
2.00 CONTACT HOURS/APPLICATION-BASED

Program Chair/Moderator: Melody Hartzler, PharmD, AE-C

Faculty will facilitate a case-based session optimizing participant application of the newest research and guidelines to manage patients.

Learning Objectives:
- Identify patients who may require the use of insulin in combination with metformin, TZD, or GLP-1 agonists.
- Determine patients who may require the use of U-500 insulin.
- Evaluate appropriate use of U-500 insulin.
- Recommend appropriate use of insulin in combination with metformin, TZD, or GLP-1 agonists.

Identifying Patients Who Require Combination Therapy to Address Insulin Resistance, Gina Ryan, PharmD, CDE
Use of U-500 in Insulin Resistant Patients, Alissa Segal, PharmD, CDE
Recommending Appropriate Use of Combination Therapy in Insulin Resistant Patients, Melody Hartzler, PharmD, AE-C
The following industry-supported educational symposia have been scheduled in conjunction with The Midyear 2013. For more information, contact the company and/or individual listed. Listing is current as of October 4, 2013. For the most current listing, stop by the Meeting Info Center for a brochure or visit our website at http://www.ashp.org/Midyear2013/Symposia.

Note: Check the hotel reader boards for room locations.

### SATELLITE SYMPOSIA

#### SUNDAY, DECEMBER 8

**6:15am - 7:45am  **Rosen Centre Hotel
- **CE in the Mornings - New and Emerging Approaches to Managing Anesthesia-related Complications in the Postoperative Setting**
  Supported by Merck, Inc. Contact Vickie Yarborough, ASHP Advantage; 301-664-8891. **CE Provider:** American Society of Health-System Pharmacists

**6:15am - 7:45am  **Hyatt Regency Orlando (formerly The Peabody)
- **CE in the Mornings - Preventing and Managing Chemotherapy-induced Nausea and Vomiting: Adhering to Clinical Guidelines**
  Supported by Merck, Inc. Contact Vickie Yarborough, ASHP Advantage; 301-664-8891. **CE Provider:** American Society of Health-System Pharmacists

**6:15am - 8:15am  **Rosen Centre Hotel
- **Allergic Rhinitis: Current and Emerging Therapies for Improved Quality of Care**
  Supported by Meda Pharmaceuticals. Contact Lori Marrese, Haymarket Medical Education; 201-799-4832. **CE Provider:** University of Wisconsin School of Pharmacy

#### MONDAY, DECEMBER 9

**6:15am - 7:45am  **Hyatt Regency Orlando (formerly The Peabody)
- **CE in the Mornings - New and Emerging Approaches to Managing Anesthesia-related Complications in the Postoperative Setting**
  Supported by Merck, Inc. Contact Vickie Yarborough, ASHP Advantage; 301-664-8891. **CE Provider:** American Society of Health-System Pharmacists

**6:15am - 7:45am  **Rosen Centre Hotel
- **Implementing the 2013 ICU Pain, Agitation, and Delirium Guidelines: Opportunities for Pharmacists to Lead Interdisciplinary Change**
  Supported by Hospira, Inc. Contact Kristi Hofer, ASHP Advantage; 301-664-8773. **CE Provider:** American Society of Health-System Pharmacists

**6:15am - 8:15am  **Rosen Centre Hotel
- **Pharmacy Leadership Forum - Creating a Culture of Safety: Practical Approaches to Ensuring the Integrity of I.V. Products in the Health System**
  Supported by Baxter Healthcare Corporation. Contact Erika Thomas, ASHP Advantage; 301-664-8653. **CE Provider:** American Society of Health-System Pharmacists

**2:00pm - 5:00pm  **Hyatt Regency Orlando (formerly The Peabody)
- **Biosimilars: An Update on Scientific, Legislative, and Safety Issues**
  Supported by an educational donation provided by Amgen. Contact Erika Thomas, ASHP Advantage; 301-664-8653. **CE Provider:** American Society of Health-System Pharmacists

**10:00am - 12:00pm  **Hyatt Regency Orlando (formerly The Peabody)
- **Medication Safety Across Transitions of Care**
  Supported by Cardinal Health. Contact Gail Townley, ProCE, Inc.; 630-540-2848. **CE Provider:** ProCE, Inc.

**2:00pm - 5:00pm  **Rosen Centre Hotel
- **Pharmacy Leadership Forum - Creating a Culture of Safety: Practical Approaches to Ensuring the Integrity of I.V. Products in the Health System**
  Supported by Baxter Healthcare Corporation. Contact Erika Thomas, ASHP Advantage; 301-664-8653. **CE Provider:** American Society of Health-System Pharmacists
6:30am - 8:30am     Hyatt Regency Orlando (formerly The Peabody)

▶ The Critical Role of the Pharmacist in Achieving Improved Treatment Outcomes in Patients with Common Eye Disorders: Treating Glaucoma and Dry Eye

Supported by Alcon. Contact Yla Angso, Wills Eye Hospital; 215.440.3169. CE Provider: Jefferson School of Population Health

7:00am - 8:30am     Hyatt Regency Orlando (formerly The Peabody)

▶ Opioid-Induced Constipation: Update on Prevention and Management

Supported by Salix Pharmaceuticals, Inc. Contact Maja Drenovac, Vemco MedEd; 908-704-2400. CE Provider: Center for Independent Healthcare Education

5:30pm - 6:30pm     Hyatt Regency Orlando (formerly The Peabody)

▶ The Economics of Medication Distribution in an Era of Healthcare Reform

Supported by McKesson Automation. Contact Kathleen Theiss, McKesson Automation; 724-741-8382. CE Provider: NA

6:00pm - 8:00pm     Hyatt Regency Orlando (formerly The Peabody)

▶ Managing Hyperglycemia in Inpatients: Ensuring Success (Live Webcast)

Supported by Novo Nordisk Inc. Contact Carla Brink, ASHP Advantage; 301-664-8825. CE Provider: American Society of Health-System Pharmacists

TUESDAY, DECEMBER 10

6:00am - 7:30am     Hyatt Regency Orlando (formerly The Peabody)

▶ Biosimilars 101: The Science, Approval Process & Implications for Your Practice

Supported by Hospira, Inc. Contact Gail Townley, ProCE, Inc.; 630-540-2848. CE Provider: ProCE, Inc.

6:15am - 7:45am     Hyatt Regency Orlando (formerly The Peabody)

▶ CE in the Mornings - An Ounce of Prevention: The Importance of Adult Vaccines in Clinical Care

Supported by Merck, Inc. Contact Vickie Yarborough, ASHP Advantage; 301-664-8891. CE Provider: American Society of Health-System Pharmacists

5:30pm - 6:30pm     Hyatt Regency Orlando (formerly The Peabody)

▶ Optimizing Medication Inventory Across a Health System Through a Consolidated Service Center

Supported by McKesson Automation. Contact Kathleen Theiss, McKesson Automation; 724-741-8382. CE Provider: NA

6:00pm - 8:00pm     Hyatt Regency Orlando (formerly The Peabody)

WEDNESDAY, DECEMBER 11

6:00am - 7:30am     Hyatt Regency Orlando (formerly The Peabody)

▶ IV Integration: Patient Safety, Workflow Efficiency & Prevention of Alarm Fatigue

Supported by Hospira, Inc. Contact Gail Townley, ProCE, Inc.; 630-540-2848. CE Provider: ProCE, Inc.

6:15am - 7:45am     Rosen Centre Hotel

▶ CE in the Mornings - Advances in the Treatment of HIV: Focus on New Therapies

Supported by Merck, Inc. Contact Vickie Yarborough, ASHP Advantage; 301-664-8891. CE Provider: American Society of Health System Pharmacists

6:15am - 7:45am     Hyatt Regency Orlando (formerly The Peabody)

▶ CE in the Mornings - New and Emerging Approaches to Managing Anesthesia-related Complications in the Postoperative Setting

Supported by Merck, Inc. Contact Vickie Yarborough, ASHP Advantage; 301-664-8891. CE Provider: American Society of Health-System Pharmacists
Industry-Supported Symposia

Midday Symposia

All Midday Symposia are located in the Orange County Convention Center’s West Building unless otherwise noted.

Monday, December 9

11:30am - 1:30pm  W101, Level 1

- Highlighting the Role of the Pharmacist: Building a Bridge from Hospital to Home
  Supported by AstraZeneca. Contact Mindy Rohr, Creative Educational Concepts; 859-260-1717. CE Provider: Creative Educational Concepts

11:30am - 1:30pm  W102, Level 1

- Improving the Safe Use of Opioids in the Acute Care Setting

11:30am - 1:30pm  W104, Level 1

- Pulmonary Arterial Hypertension: Today’s Treatment Landscape & Breakthroughs on the Horizon
  Supported by Actelion. Contact Gail Townley, ProCE, Inc.; 630-540-2848. CE Provider: ProCE, Inc.

11:30am - 1:30pm  W109 A, Level 1

- Rational Management of Hospitalized Patients with Hyponatremia: Application to Patient Cases
  Supported by Otsuka America Pharmaceutical, Inc. Contact Carla Brink, ASHP Advantage; 301-664-8825. CE Provider: American Society of Health-System Pharmacists

11:30am - 1:30pm  W109 B, Level 1

- Applying Antimicrobial Stewardship Principles to the Treatment of CABP and ABSSSI: Complying with CMS Criteria and Clinical Guidelines (Live Webcast)
  Supported by Forest Laboratories Inc. and Pfizer Inc. Contact Erika Thomas, ASHP Advantage; 301-664-8853. CE Provider: American Society of Health-System Pharmacists

11:30am - 1:30pm  W110 A, Level 1

- New and Emerging Strategies for Minimizing Errors in I.V. Preparation: Focus on Safety and Workflow Efficiency
  Supported by BD. Contact Angela Cassano, ASHP Advantage; 301-664-8830. CE Provider: American Society of Health-System Pharmacists

Tuesday, December 10

11:30am - 1:30pm  W104, Level 1

- Human Factors in Medication Safety (Live Webinar)
  Supported by PharMEDium Services, LLC. Contact Gail Townley, ProCE, Inc.; 630-540-2848. CE Provider: ProCE, Inc.

11:30am - 1:30pm  W109 B, Level 1

- Crucial Considerations to Ensure the Safety of I.V. Therapy (Live Webcast)
  Supported by Hospira, Inc. Contact Kristi Hofer, ASHP Advantage; 301-664-8773. CE Provider: American Society of Health-System Pharmacists

11:30am - 1:30pm  W110 A, Level 1

- Optimizing Postoperative Pain Management: Role of Local Anesthetics (Live Webinar)
  Supported by Pacira Pharmaceuticals, Inc. Contact Carla Brink, ASHP Advantage; 301-664-8825. CE Provider: American Society of Health-System Pharmacists

Wednesday, December 11

11:30am - 1:30pm  W109 B, Level 1

- Ensuring the Safety of Health Care Workers: An Update on Current and Future Legislative and Regulatory Activities (Live Webcast)
  Supported by BD. Contact Ben Dickinson, ASHP Advantage; 301-664-8830. CE Provider: American Society of Health-System Pharmacists

11:30am - 1:30pm  W110 A, Level 1

- Clinical Surveillance: Clinical Decision-Support Systems in the Pharmacy Practice Model Initiative (Live Webinar)
  Supported by Hospira, Inc. Contact Gail Townley, ProCE, Inc.; 630-540-2848. CE Provider: ProCE, Inc.

Free Wi-Fi

Available in all meeting rooms and public concourse areas. Select the network ASHP on your device and use password Midyear13. (Please limit usage to 20 minutes)
All rooms are located in the Orange County Convention Center’s West Building unless otherwise noted.

Gain insight into successful programs from health-systems in the U.S. and around the world! Below are the scheduled times for poster presentations.

Professional poster presentations are listed below.

**Poster Hall**  
**West Hall A1, Level 2**

- **Professional and ASHP Fellows Posters***
  
  Monday, December 9:  2:00pm–4:30pm  
  Tuesday, December 10:  2:00pm–4:30pm  

  *Fellows will present on Monday and Tuesday in the Professional Poster sessions. Check the website for a listing.

- **Student Posters**
  
  Monday, December 9:  10:45am–11:45am  
  12:00pm–1:00pm  
  Tuesday, December 10:  11:30am–12:30pm

- **Resident Posters**
  
  Wednesday, December 11:  8:30am–9:30am  
  10:00am–11:00am  
  11:30am–12:30pm  
  1:00pm–2:00pm  
  2:30pm–3:30pm  

  **Student and Resident/Fellows presentations are listed online at http://www.ashp.org/Midyear2013/Posters.**

- **CALLING ALL PHARMACISTS, PRECEPTORS, AND RESIDENCY PROGRAM DIRECTORS…**
  
  **to be Poster Mentors!** We invite you to share your expertise with student or resident poster presenters at this year’s meeting. Discuss a project one-on-one with a student or resident for just 15 to 20 minutes, and in an hour, your thoughtful sharing of your time will help prepare three or more future pharmacists to serve our profession a little better. Stop by the Poster Information Booth in the Poster Hall during any of the Student or Resident Poster sessions and ask about being a mentor.

**TUESDAY, DECEMBER 10**

**11:15am–12:30pm**  
**West C Lobby, Level 2**

**Special Poster Session**

*Introducing an Emergency Pharmacist into Your Institution: An ASHP Patient Care Impact Program™ 2013*

The participants of this 6-month education program collaborated with mentors to introduce the role of the emergency pharmacist into their institutions. Stop by and view the results of their important work in this special poster sessions.
<table>
<thead>
<tr>
<th>Name</th>
<th>Day</th>
<th>Board#</th>
</tr>
</thead>
<tbody>
<tr>
<td>Abbas, Amani</td>
<td>Monday</td>
<td>3-043</td>
</tr>
<tr>
<td>Abbruscato, Anthony</td>
<td>Monday</td>
<td>3-144</td>
</tr>
<tr>
<td>Abdalla, Mina</td>
<td>Monday</td>
<td>3-075</td>
</tr>
<tr>
<td>Abdelaziz, Hani</td>
<td>Monday</td>
<td>3-056</td>
</tr>
<tr>
<td>Abuakar, Lamies</td>
<td>Tuesday</td>
<td>5-020</td>
</tr>
<tr>
<td>Accursi, Mallory</td>
<td>Monday</td>
<td>3-017</td>
</tr>
<tr>
<td>Afolarin, Helen</td>
<td>Monday</td>
<td>3-001</td>
</tr>
<tr>
<td>Agarwal, Nitika</td>
<td>Tuesday</td>
<td>5-021</td>
</tr>
<tr>
<td>Al Jammali, Zainulabdeen</td>
<td>Tuesday</td>
<td>5-092</td>
</tr>
<tr>
<td>Alex, Sumana</td>
<td>Monday</td>
<td>3-076</td>
</tr>
<tr>
<td>Alhmoud, Eman</td>
<td>Monday</td>
<td>3-090</td>
</tr>
<tr>
<td>Ali, Ayad</td>
<td>Tuesday</td>
<td>5-187</td>
</tr>
<tr>
<td>Allawi, Mouin</td>
<td>Monday</td>
<td>3-065</td>
</tr>
<tr>
<td>Allewell, Alexander</td>
<td>Monday</td>
<td>3-145</td>
</tr>
<tr>
<td>Amaral, Renata</td>
<td>Tuesday</td>
<td>5-014</td>
</tr>
<tr>
<td>Amaral, Renata</td>
<td>Tuesday</td>
<td>5-188</td>
</tr>
<tr>
<td>Andrews, Liza</td>
<td>Monday</td>
<td>3-051</td>
</tr>
<tr>
<td>Apfel, Christian</td>
<td>Monday</td>
<td>3-127</td>
</tr>
<tr>
<td>Aramvareekul, Varintorn</td>
<td>Monday</td>
<td>3-036</td>
</tr>
<tr>
<td>Arrison, Charles</td>
<td>Monday</td>
<td>3-146</td>
</tr>
<tr>
<td>AungGyi, Poe</td>
<td>Monday</td>
<td>3-147</td>
</tr>
<tr>
<td>Awad, Nadia</td>
<td>Monday</td>
<td>3-066</td>
</tr>
<tr>
<td>Awad, Rola</td>
<td>Monday</td>
<td>3-178</td>
</tr>
<tr>
<td>Baginska, Eva</td>
<td>Monday</td>
<td>3-148</td>
</tr>
<tr>
<td>Bahey, Ahmed</td>
<td>Monday</td>
<td>3-077</td>
</tr>
<tr>
<td>Balasubramanian, Ramadas</td>
<td>Tuesday</td>
<td>5-189</td>
</tr>
<tr>
<td>Balasubramanian, Ramadas</td>
<td>Tuesday</td>
<td>5-043</td>
</tr>
<tr>
<td>Baldwin, Kathy</td>
<td>Monday</td>
<td>3-128</td>
</tr>
<tr>
<td>Bates, Brandon</td>
<td>Tuesday</td>
<td>5-093</td>
</tr>
<tr>
<td>Belshe, Caroline</td>
<td>Monday</td>
<td>3-149</td>
</tr>
<tr>
<td>Bhardwaja, Bharati</td>
<td>Monday</td>
<td>3-046</td>
</tr>
<tr>
<td>Biastre, Kelly</td>
<td>Monday</td>
<td>3-104</td>
</tr>
<tr>
<td>Bioc, Justin</td>
<td>Monday</td>
<td>3-052</td>
</tr>
<tr>
<td>Blanchard, Jennifer</td>
<td>Monday</td>
<td>3-105</td>
</tr>
<tr>
<td>Bonaceto, Kara</td>
<td>Tuesday</td>
<td>5-174</td>
</tr>
<tr>
<td>Boscoe, Audra</td>
<td>Monday</td>
<td>3-150</td>
</tr>
<tr>
<td>Brandt, Jennifer</td>
<td>Monday</td>
<td>3-151</td>
</tr>
<tr>
<td>Brennan, Killian</td>
<td>Monday</td>
<td>3-116</td>
</tr>
<tr>
<td>Bricola, Solange</td>
<td>Monday</td>
<td>3-067</td>
</tr>
<tr>
<td>Bridgeman, Mary</td>
<td>Tuesday</td>
<td>5-190</td>
</tr>
<tr>
<td>Briesacher, Becky</td>
<td>Monday</td>
<td>3-152</td>
</tr>
<tr>
<td>Brown, Maxwell</td>
<td>Monday</td>
<td>3-153</td>
</tr>
<tr>
<td>Brown, Maxwell</td>
<td>Tuesday</td>
<td>5-191</td>
</tr>
<tr>
<td>Budiman, Tantri</td>
<td>Monday</td>
<td>3-078</td>
</tr>
<tr>
<td>Burroughs, Jedidiah</td>
<td>Monday</td>
<td>3-037</td>
</tr>
<tr>
<td>Bush, Robert</td>
<td>Tuesday</td>
<td>5-094</td>
</tr>
<tr>
<td>Bussieres, Jean-Francois</td>
<td>Monday</td>
<td>3-101</td>
</tr>
<tr>
<td>Bussieres, Jean-Francois</td>
<td>Monday</td>
<td>3-154</td>
</tr>
<tr>
<td>Bussieres, Jean-Francois</td>
<td>Monday</td>
<td>3-125</td>
</tr>
<tr>
<td>Butler, Tara</td>
<td>Monday</td>
<td>3-057</td>
</tr>
<tr>
<td>Campbell, Christopher</td>
<td>Monday</td>
<td>3-155</td>
</tr>
<tr>
<td>Campbell, Allison</td>
<td>Monday</td>
<td>3-068</td>
</tr>
<tr>
<td>Carbone, Antonia</td>
<td>Monday</td>
<td>3-129</td>
</tr>
<tr>
<td>Casciano, Julian</td>
<td>Monday</td>
<td>3-156</td>
</tr>
<tr>
<td>Cat, Tram</td>
<td>Tuesday</td>
<td>5-127</td>
</tr>
<tr>
<td>Chamsine, Nour</td>
<td>Monday</td>
<td>3-047</td>
</tr>
<tr>
<td>Chan, Juliana</td>
<td>Tuesday</td>
<td>5-015</td>
</tr>
<tr>
<td>Chan, Juliana</td>
<td>Tuesday</td>
<td>5-175</td>
</tr>
<tr>
<td>Chapleau, Chris</td>
<td>Monday</td>
<td>3-139</td>
</tr>
<tr>
<td>Chaponis, Robert</td>
<td>Monday</td>
<td>3-130</td>
</tr>
<tr>
<td>Chen, Lih-Chi</td>
<td>Tuesday</td>
<td>5-192</td>
</tr>
<tr>
<td>Chen, I-Chin</td>
<td>Monday</td>
<td>3-097</td>
</tr>
<tr>
<td>Cheng-Lai, Angela</td>
<td>Monday</td>
<td>3-048</td>
</tr>
<tr>
<td>Cherfan, Michelle</td>
<td>Monday</td>
<td>3-157</td>
</tr>
<tr>
<td>Choumane, Nermine</td>
<td>Tuesday</td>
<td>5-023</td>
</tr>
<tr>
<td>Choumane, Nermine</td>
<td>Tuesday</td>
<td>5-022</td>
</tr>
<tr>
<td>Coralic, Zlata</td>
<td>Monday</td>
<td>3-069</td>
</tr>
<tr>
<td>Coralic, Zlata</td>
<td>Monday</td>
<td>3-070</td>
</tr>
<tr>
<td>Corrado, Zlatan</td>
<td>Monday</td>
<td>3-141</td>
</tr>
<tr>
<td>Costello, Jennifer</td>
<td>Monday</td>
<td>3-018</td>
</tr>
<tr>
<td>Covyeou, Jill</td>
<td>Tuesday</td>
<td>5-193</td>
</tr>
<tr>
<td>Crabb, Katherine</td>
<td>Monday</td>
<td>3-071</td>
</tr>
<tr>
<td>Crader, Marsha</td>
<td>Monday</td>
<td>3-049</td>
</tr>
<tr>
<td>Crandon, Jared</td>
<td>Tuesday</td>
<td>5-095</td>
</tr>
<tr>
<td>Crow, Leah</td>
<td>Monday</td>
<td>3-158</td>
</tr>
<tr>
<td>Cruz, Joe</td>
<td>Tuesday</td>
<td>5-194</td>
</tr>
<tr>
<td>Cunningham, Kelli</td>
<td>Monday</td>
<td>3-131</td>
</tr>
<tr>
<td>Curtin, Patrick</td>
<td>Tuesday</td>
<td>5-096</td>
</tr>
<tr>
<td>DaCosta, Alison</td>
<td>Monday</td>
<td>3-170</td>
</tr>
<tr>
<td>D’Albini, Lesley</td>
<td>Tuesday</td>
<td>3-100</td>
</tr>
<tr>
<td>Dalton, Shawn</td>
<td>Tuesday</td>
<td>5-136</td>
</tr>
<tr>
<td>Dalton, Shawn</td>
<td>Tuesday</td>
<td>5-135</td>
</tr>
<tr>
<td>De Leon, Channel</td>
<td>Tuesday</td>
<td>5-195</td>
</tr>
<tr>
<td>DeBove, Marco</td>
<td>Monday</td>
<td>3-079</td>
</tr>
<tr>
<td>DeQuevedo, Antonio</td>
<td>Tuesday</td>
<td>5-024</td>
</tr>
<tr>
<td>Diamantides, Erica</td>
<td>Monday</td>
<td>3-159</td>
</tr>
<tr>
<td>Dick, Travis</td>
<td>Monday</td>
<td>3-002</td>
</tr>
<tr>
<td>Dick, Travis</td>
<td>Monday</td>
<td>3-106</td>
</tr>
<tr>
<td>Dick, Travis</td>
<td>Monday</td>
<td>3-176</td>
</tr>
<tr>
<td>DiRusso, Ben</td>
<td>Monday</td>
<td>3-058</td>
</tr>
<tr>
<td>Dolley, Stephen</td>
<td>Monday</td>
<td>3-171</td>
</tr>
<tr>
<td>Doten, Amy</td>
<td>Monday</td>
<td>3-019</td>
</tr>
<tr>
<td>Downie, Shea</td>
<td>Monday</td>
<td>3-160</td>
</tr>
<tr>
<td>Drouby, Fida</td>
<td>Monday</td>
<td>3-020</td>
</tr>
<tr>
<td>Durie, Rachael</td>
<td>Monday</td>
<td>3-021</td>
</tr>
<tr>
<td>Echols, Carmen</td>
<td>Monday</td>
<td>3-132</td>
</tr>
<tr>
<td>Elizerik, Dauana</td>
<td>Tuesday</td>
<td>5-196</td>
</tr>
<tr>
<td>Elarabi, Salwa</td>
<td>Tuesday</td>
<td>5-097</td>
</tr>
<tr>
<td>Elman, Sandra</td>
<td>Monday</td>
<td>3-161</td>
</tr>
<tr>
<td>Elmore, Lindsey</td>
<td>Tuesday</td>
<td>5-098</td>
</tr>
<tr>
<td>Elmore, Lindsey</td>
<td>Tuesday</td>
<td>5-056</td>
</tr>
<tr>
<td>Elmore, Lindsey</td>
<td>Tuesday</td>
<td>5-142</td>
</tr>
<tr>
<td>Elsey, Rachel</td>
<td>Monday</td>
<td>3-117</td>
</tr>
<tr>
<td>Name</td>
<td>Day</td>
<td>Time</td>
</tr>
<tr>
<td>---------------------</td>
<td>-------</td>
<td>------</td>
</tr>
<tr>
<td>Hodfelder, Benjamin</td>
<td>Tuesday</td>
<td>5-149</td>
</tr>
<tr>
<td>Holland, Christy</td>
<td>Tuesday</td>
<td>5-178</td>
</tr>
<tr>
<td>Hong, Joseph</td>
<td>Tuesday</td>
<td>5-030</td>
</tr>
<tr>
<td>Hope, Charlene</td>
<td>Monday</td>
<td>3-088</td>
</tr>
<tr>
<td>Hsin Yu, Yang</td>
<td>Tuesday</td>
<td>5-150</td>
</tr>
<tr>
<td>Huang, Lori</td>
<td>Tuesday</td>
<td>5-200</td>
</tr>
<tr>
<td>Hughes, Kacie</td>
<td>Monday</td>
<td>3-062</td>
</tr>
<tr>
<td>Hughes, Kacie</td>
<td>Monday</td>
<td>3-140</td>
</tr>
<tr>
<td>Huynh, Lynn</td>
<td>Tuesday</td>
<td>5-151</td>
</tr>
<tr>
<td>Iskandar, Katia</td>
<td>Monday</td>
<td>3-063</td>
</tr>
<tr>
<td>Iskandar, Katia</td>
<td>Monday</td>
<td>3-064</td>
</tr>
<tr>
<td>Jansen, Carrie</td>
<td>Monday</td>
<td>3-023</td>
</tr>
<tr>
<td>Jassim, Zainab</td>
<td>Tuesday</td>
<td>5-057</td>
</tr>
<tr>
<td>Jeter, Cindy</td>
<td>Monday</td>
<td>3-006</td>
</tr>
<tr>
<td>Jones, Ashley</td>
<td>Tuesday</td>
<td>5-044</td>
</tr>
<tr>
<td>Jung, Ae Hee</td>
<td>Tuesday</td>
<td>5-201</td>
</tr>
<tr>
<td>Kamatari, Katherine</td>
<td>Tuesday</td>
<td>5-202</td>
</tr>
<tr>
<td>Kanawati, Lama</td>
<td>Monday</td>
<td>3-007</td>
</tr>
<tr>
<td>Kang, Min Young</td>
<td>Monday</td>
<td>3-119</td>
</tr>
<tr>
<td>Kauf, Teresa</td>
<td>Tuesday</td>
<td>5-152</td>
</tr>
<tr>
<td>Kehrberg, Andrew</td>
<td>Monday</td>
<td>3-113</td>
</tr>
<tr>
<td>Kim, Hyangsook</td>
<td>Monday</td>
<td>3-120</td>
</tr>
<tr>
<td>Kim, Ki Su Suk</td>
<td>Tuesday</td>
<td>5-140</td>
</tr>
<tr>
<td>Kim, Jeong-eun</td>
<td>Monday</td>
<td>3-074</td>
</tr>
<tr>
<td>Kissweran, Hawraa</td>
<td>Monday</td>
<td>3-044</td>
</tr>
<tr>
<td>Klein, Caitlyn</td>
<td>Tuesday</td>
<td>5-108</td>
</tr>
<tr>
<td>Kolar, Ron</td>
<td>Monday</td>
<td>3-039</td>
</tr>
<tr>
<td>Komorny, Kenneth</td>
<td>Monday</td>
<td>3-008</td>
</tr>
<tr>
<td>Koo, Angela</td>
<td>Monday</td>
<td>3-109</td>
</tr>
<tr>
<td>Kuhn, Jay</td>
<td>Monday</td>
<td>3-089</td>
</tr>
<tr>
<td>Kumar, Paresh</td>
<td>Tuesday</td>
<td>5-153</td>
</tr>
<tr>
<td>Kumar, Paresh</td>
<td>Tuesday</td>
<td>5-154</td>
</tr>
<tr>
<td>Kwong, Teresa</td>
<td>Monday</td>
<td>3-024</td>
</tr>
<tr>
<td>La, Hyen-Oh</td>
<td>Tuesday</td>
<td>5-141</td>
</tr>
<tr>
<td>La, Hyen-Oh</td>
<td>Tuesday</td>
<td>5-155</td>
</tr>
<tr>
<td>Labib, Sami</td>
<td>Monday</td>
<td>3-025</td>
</tr>
<tr>
<td>Lagzdins, Melissa</td>
<td>Tuesday</td>
<td>5-058</td>
</tr>
<tr>
<td>Lamarque, John</td>
<td>Monday</td>
<td>3-040</td>
</tr>
<tr>
<td>Lang, Kathleen</td>
<td>Tuesday</td>
<td>5-031</td>
</tr>
<tr>
<td>LaPointe, Trisha</td>
<td>Tuesday</td>
<td>5-179</td>
</tr>
<tr>
<td>Le, Phuc Lynsey</td>
<td>Monday</td>
<td>3-009</td>
</tr>
<tr>
<td>Leal, Lisiane</td>
<td>Monday</td>
<td>3-041</td>
</tr>
<tr>
<td>Leber, Molly</td>
<td>Monday</td>
<td>3-015</td>
</tr>
<tr>
<td>Lee, Hyun Ah</td>
<td>Tuesday</td>
<td>5-109</td>
</tr>
<tr>
<td>Lee, Sujin</td>
<td>Monday</td>
<td>3-010</td>
</tr>
<tr>
<td>Lee, Hyun Ah</td>
<td>Tuesday</td>
<td>5-110</td>
</tr>
<tr>
<td>Lee Ghin, Hoytlin</td>
<td>Tuesday</td>
<td>5-203</td>
</tr>
<tr>
<td>Lerman, Rachael</td>
<td>Monday</td>
<td>3-042</td>
</tr>
<tr>
<td>Lindacher, John</td>
<td>Monday</td>
<td>3-110</td>
</tr>
<tr>
<td>Lindacher, John</td>
<td>Monday</td>
<td>3-111</td>
</tr>
<tr>
<td>Lindfield, Tristan</td>
<td>Monday</td>
<td>3-026</td>
</tr>
<tr>
<td>Lindsay, Caroline</td>
<td>Monday</td>
<td>3-142</td>
</tr>
<tr>
<td>Link, Nicholas</td>
<td>Monday</td>
<td>3-121</td>
</tr>
<tr>
<td>Liu, Larry</td>
<td>Tuesday</td>
<td>5-156</td>
</tr>
<tr>
<td>Lopez, Gimenez Leocadio Rafael</td>
<td>Monday</td>
<td>3-133</td>
</tr>
<tr>
<td>Lu, Chung</td>
<td>Tuesday</td>
<td>5-137</td>
</tr>
<tr>
<td>Lundquist, Steve</td>
<td>Monday</td>
<td>3-016</td>
</tr>
<tr>
<td>Name</td>
<td>Monday</td>
<td>Tuesday</td>
</tr>
<tr>
<td>-----------------------</td>
<td>--------</td>
<td>---------</td>
</tr>
<tr>
<td>Lustig, Ahuva</td>
<td>5-045</td>
<td></td>
</tr>
<tr>
<td>Ly, Kim</td>
<td>5-111</td>
<td></td>
</tr>
<tr>
<td>MacKay, Mark</td>
<td>3-134</td>
<td></td>
</tr>
<tr>
<td>Maggiore, Christy</td>
<td>5-113</td>
<td></td>
</tr>
<tr>
<td>Maggiore, Christy</td>
<td>5-112</td>
<td></td>
</tr>
<tr>
<td>Magnifico, Thomas</td>
<td>3-172</td>
<td></td>
</tr>
<tr>
<td>Mai, Jennifer</td>
<td>5-065</td>
<td></td>
</tr>
<tr>
<td>Malone, Meghan</td>
<td>3-027</td>
<td></td>
</tr>
<tr>
<td>Mangin, Ronald</td>
<td>5-074</td>
<td></td>
</tr>
<tr>
<td>Manigault, Kendra</td>
<td>3-028</td>
<td></td>
</tr>
<tr>
<td>Mann, Katherine</td>
<td>5-075</td>
<td></td>
</tr>
<tr>
<td>Mansfield, Jennifer</td>
<td>3-102</td>
<td></td>
</tr>
<tr>
<td>Marshall, Chris</td>
<td>5-046</td>
<td></td>
</tr>
<tr>
<td>Marshall, Chris</td>
<td>5-076</td>
<td></td>
</tr>
<tr>
<td>Mathis, Andrew</td>
<td>5-047</td>
<td></td>
</tr>
<tr>
<td>Matsuura, Gregory</td>
<td>5-114</td>
<td></td>
</tr>
<tr>
<td>McCann, Mary Kate</td>
<td>3-122</td>
<td></td>
</tr>
<tr>
<td>McCarthy Jr., Bryan</td>
<td>5-157</td>
<td></td>
</tr>
<tr>
<td>McLaughlin, Milena</td>
<td>3-011</td>
<td></td>
</tr>
<tr>
<td>Mehta, Dhara</td>
<td>5-115</td>
<td></td>
</tr>
<tr>
<td>Mendoza, Pamela</td>
<td>3-029</td>
<td></td>
</tr>
<tr>
<td>Menzin, Joseph</td>
<td>5-158</td>
<td></td>
</tr>
<tr>
<td>Mhanna, Razan</td>
<td>3-135</td>
<td></td>
</tr>
<tr>
<td>Michael, Crystal</td>
<td>3-173</td>
<td></td>
</tr>
<tr>
<td>Milton-Brown, Jacqueline</td>
<td>5-159</td>
<td></td>
</tr>
<tr>
<td>Min, Myungsook</td>
<td>5-066</td>
<td></td>
</tr>
<tr>
<td>Mino, Yasuaki</td>
<td>3-136</td>
<td></td>
</tr>
<tr>
<td>Mioni, Richard Anthony</td>
<td>5-204</td>
<td></td>
</tr>
<tr>
<td>Miranda, Derick</td>
<td>5-077</td>
<td></td>
</tr>
<tr>
<td>Miyahara, Randell</td>
<td>5-180</td>
<td></td>
</tr>
<tr>
<td>Mohammed, Almeziny</td>
<td>5-091</td>
<td></td>
</tr>
<tr>
<td>Moran, Kelly</td>
<td>3-174</td>
<td></td>
</tr>
<tr>
<td>Mourad, Amouni</td>
<td>3-092</td>
<td></td>
</tr>
<tr>
<td>Narayanan, Navaneeth</td>
<td>5-116</td>
<td></td>
</tr>
<tr>
<td>Ndefo, Uche</td>
<td>5-059</td>
<td></td>
</tr>
<tr>
<td>Ndefo, Uche</td>
<td>5-160</td>
<td></td>
</tr>
<tr>
<td>Nelson, Linda</td>
<td>5-117</td>
<td></td>
</tr>
<tr>
<td>Neutel, Joel</td>
<td>5-032</td>
<td></td>
</tr>
<tr>
<td>Neville, Michael</td>
<td>5-078</td>
<td></td>
</tr>
<tr>
<td>Nguyen, Bao</td>
<td>5-079</td>
<td></td>
</tr>
<tr>
<td>Nguyen, Blickie</td>
<td>5-205</td>
<td></td>
</tr>
<tr>
<td>Nguyen, Thom Kim</td>
<td>5-048</td>
<td></td>
</tr>
<tr>
<td>Nguyen, Bao</td>
<td>5-118</td>
<td></td>
</tr>
<tr>
<td>Nhan, Ethan</td>
<td>5-067</td>
<td></td>
</tr>
<tr>
<td>Nickelson, Jennifer</td>
<td>5-049</td>
<td></td>
</tr>
<tr>
<td>Nolan, Carrie</td>
<td>5-206</td>
<td></td>
</tr>
<tr>
<td>Norman, Christy</td>
<td>3-012</td>
<td></td>
</tr>
<tr>
<td>Oh, Yunkyoung</td>
<td>3-115</td>
<td></td>
</tr>
<tr>
<td>Olin, Bernie</td>
<td>3-053</td>
<td></td>
</tr>
<tr>
<td>Oliphant, Cathy</td>
<td>5-120</td>
<td></td>
</tr>
<tr>
<td>Oliphant, Cathy</td>
<td>5-119</td>
<td></td>
</tr>
<tr>
<td>Oliveira, Ariane</td>
<td>5-121</td>
<td></td>
</tr>
<tr>
<td>Owenby, Ryan</td>
<td>5-068</td>
<td></td>
</tr>
<tr>
<td>Packard, Kathleen</td>
<td>5-186</td>
<td></td>
</tr>
<tr>
<td>Park, Jinhee</td>
<td>5-069</td>
<td></td>
</tr>
<tr>
<td>Parke, Crystal</td>
<td>5-207</td>
<td></td>
</tr>
<tr>
<td>Pasternak, Agnieszka</td>
<td>5-208</td>
<td></td>
</tr>
<tr>
<td>Patel, Rakhi</td>
<td>3-032</td>
<td></td>
</tr>
<tr>
<td>Patel, Dhiren</td>
<td>3-030</td>
<td></td>
</tr>
<tr>
<td>Patel, Dhiren</td>
<td>3-031</td>
<td></td>
</tr>
<tr>
<td>Pavelko, Rachel</td>
<td>3-013</td>
<td></td>
</tr>
<tr>
<td>Pepin, Jodie</td>
<td>5-161</td>
<td></td>
</tr>
<tr>
<td>Perry, Laura</td>
<td>5-209</td>
<td></td>
</tr>
<tr>
<td>Peters, Lisa</td>
<td>5-033</td>
<td></td>
</tr>
<tr>
<td>Peterson, Daisy</td>
<td>5-034</td>
<td></td>
</tr>
<tr>
<td>Petrillo, Sergio</td>
<td>5-080</td>
<td></td>
</tr>
<tr>
<td>Phillips, Jennifer</td>
<td>3-014</td>
<td></td>
</tr>
<tr>
<td>Phillips, Jennifer</td>
<td>3-112</td>
<td></td>
</tr>
<tr>
<td>Pitt, Amy</td>
<td>5-081</td>
<td></td>
</tr>
<tr>
<td>Pitts, Wes Pitts</td>
<td>5-016</td>
<td></td>
</tr>
<tr>
<td>Preblick, Ronald</td>
<td>5-162</td>
<td></td>
</tr>
<tr>
<td>Prevost, Rebecca</td>
<td>5-146</td>
<td></td>
</tr>
<tr>
<td>Prevost, Rebecca</td>
<td>5-017</td>
<td></td>
</tr>
<tr>
<td>Prevost, Rebecca</td>
<td>5-145</td>
<td></td>
</tr>
<tr>
<td>Prusi, Rachael</td>
<td>5-163</td>
<td></td>
</tr>
<tr>
<td>Punzi, Henry</td>
<td>5-035</td>
<td></td>
</tr>
<tr>
<td>Purcell, Sharon</td>
<td>3-143</td>
<td></td>
</tr>
<tr>
<td>Raikar, Sonia</td>
<td>3-054</td>
<td></td>
</tr>
<tr>
<td>Raines, Alissa</td>
<td>3-177</td>
<td></td>
</tr>
<tr>
<td>Ram, C. Venkata</td>
<td>5-036</td>
<td></td>
</tr>
<tr>
<td>Raver, Eli Raver</td>
<td>5-164</td>
<td></td>
</tr>
<tr>
<td>Rawls III, Charles</td>
<td>5-082</td>
<td></td>
</tr>
<tr>
<td>Reardon, David</td>
<td>5-052</td>
<td></td>
</tr>
<tr>
<td>Reilly, Ashley</td>
<td>3-137</td>
<td></td>
</tr>
<tr>
<td>Richter, Lisa</td>
<td>5-001</td>
<td></td>
</tr>
<tr>
<td>Riley, Kristin</td>
<td>5-122</td>
<td></td>
</tr>
<tr>
<td>Rocchio, Megan</td>
<td>5-060</td>
<td></td>
</tr>
<tr>
<td>Rofai, Mina</td>
<td>5-165</td>
<td></td>
</tr>
<tr>
<td>Rogers, Mark</td>
<td>5-070</td>
<td></td>
</tr>
<tr>
<td>Roo, Janis</td>
<td>5-210</td>
<td></td>
</tr>
<tr>
<td>Ross, Marissa</td>
<td>3-055</td>
<td></td>
</tr>
<tr>
<td>Ruminski, Melissa</td>
<td>5-083</td>
<td></td>
</tr>
<tr>
<td>Russo, Nicole</td>
<td>5-166</td>
<td></td>
</tr>
<tr>
<td>Ryan, Patrick</td>
<td>5-071</td>
<td></td>
</tr>
<tr>
<td>Ryan, Kelsey</td>
<td>5-211</td>
<td></td>
</tr>
<tr>
<td>Saad, Maha</td>
<td>3-169</td>
<td></td>
</tr>
<tr>
<td>Saad, Maha</td>
<td>3-093</td>
<td></td>
</tr>
<tr>
<td>Safwan, Jihan</td>
<td>5-037</td>
<td></td>
</tr>
<tr>
<td>Saiz de la Mora, Jessica</td>
<td>5-084</td>
<td></td>
</tr>
<tr>
<td>Samarion, Michael</td>
<td>5-054</td>
<td></td>
</tr>
<tr>
<td>San Jose, Begona</td>
<td>5-088</td>
<td></td>
</tr>
<tr>
<td>Santos, Gustavo</td>
<td>3-094</td>
<td></td>
</tr>
<tr>
<td>Sarayani, Amir</td>
<td>5-003</td>
<td></td>
</tr>
<tr>
<td>Sarayani, Amir</td>
<td>5-002</td>
<td></td>
</tr>
<tr>
<td>Schmidt, Michael</td>
<td>5-167</td>
<td></td>
</tr>
<tr>
<td>Schneider, Jordan</td>
<td>5-123</td>
<td></td>
</tr>
<tr>
<td>Schultz, Diana</td>
<td>5-147</td>
<td></td>
</tr>
<tr>
<td>Schulz, Laura</td>
<td>5-085</td>
<td></td>
</tr>
<tr>
<td>Seyse, Stephanie</td>
<td>5-061</td>
<td></td>
</tr>
<tr>
<td>Shah, Milisha</td>
<td>3-138</td>
<td></td>
</tr>
<tr>
<td>Shakurova, Anastasiya</td>
<td>5-062</td>
<td></td>
</tr>
<tr>
<td>Sharkey, Michele</td>
<td>5-063</td>
<td></td>
</tr>
<tr>
<td>Sheikh-Taha, Marwan</td>
<td>3-095</td>
<td></td>
</tr>
<tr>
<td>Sheikh-Taha, Marwan</td>
<td>3-096</td>
<td></td>
</tr>
<tr>
<td>Shepardson, Adrienne</td>
<td>5-220</td>
<td></td>
</tr>
<tr>
<td>Shirk, Mary Beth</td>
<td>5-072</td>
<td></td>
</tr>
<tr>
<td>Name</td>
<td>Day</td>
<td>Page</td>
</tr>
<tr>
<td>-------------------</td>
<td>-----------</td>
<td>------</td>
</tr>
<tr>
<td>Shwin, Moe</td>
<td>Monday</td>
<td>3-123</td>
</tr>
<tr>
<td>Sikand, Harminder</td>
<td>Tuesday</td>
<td>5-181</td>
</tr>
<tr>
<td>Smart, Meghan</td>
<td>Tuesday</td>
<td>5-168</td>
</tr>
<tr>
<td>Soric, Mate</td>
<td>Tuesday</td>
<td>5-169</td>
</tr>
<tr>
<td>Sourial, Marlette</td>
<td>Tuesday</td>
<td>5-170</td>
</tr>
<tr>
<td>Steinberg, Michael</td>
<td>Tuesday</td>
<td>5-086</td>
</tr>
<tr>
<td>Steinberg, Michael</td>
<td>Tuesday</td>
<td>5-182</td>
</tr>
<tr>
<td>Sterling, Jacyntha</td>
<td>Tuesday</td>
<td>5-212</td>
</tr>
<tr>
<td>Stevens, Benjamin</td>
<td>Tuesday</td>
<td>5-138</td>
</tr>
<tr>
<td>Strauss, Marcie</td>
<td>Tuesday</td>
<td>5-124</td>
</tr>
<tr>
<td>Streepy, Kurt</td>
<td>Tuesday</td>
<td>5-171</td>
</tr>
<tr>
<td>Stuckey, Nathan</td>
<td>Tuesday</td>
<td>5-213</td>
</tr>
<tr>
<td>Subramaniam, Vaiyapuri</td>
<td>Tuesday</td>
<td>5-004</td>
</tr>
<tr>
<td>Swamy, Siddharth</td>
<td>Tuesday</td>
<td>5-053</td>
</tr>
<tr>
<td>Sylvester, Katelyn</td>
<td>Tuesday</td>
<td>5-073</td>
</tr>
<tr>
<td>Szymanski, Rebecca</td>
<td>Tuesday</td>
<td>5-050</td>
</tr>
<tr>
<td>Takahashi, Yasuaki</td>
<td>Tuesday</td>
<td>5-069</td>
</tr>
<tr>
<td>Tancredi, Nadia</td>
<td>Tuesday</td>
<td>5-038</td>
</tr>
<tr>
<td>Tasaka, Yuichi</td>
<td>Tuesday</td>
<td>5-005</td>
</tr>
<tr>
<td>Taylor, Erin</td>
<td>Tuesday</td>
<td>5-128</td>
</tr>
<tr>
<td>Taylor, Erin</td>
<td>Tuesday</td>
<td>5-007</td>
</tr>
<tr>
<td>Taylor, Erin</td>
<td>Tuesday</td>
<td>5-006</td>
</tr>
<tr>
<td>Teevan, Colleen</td>
<td>Tuesday</td>
<td>5-148</td>
</tr>
<tr>
<td>Temple-Cooper, Mary</td>
<td>Tuesday</td>
<td>5-183</td>
</tr>
<tr>
<td>Thomas, Jennifer</td>
<td>Tuesday</td>
<td>5-040</td>
</tr>
<tr>
<td>Thomas, Jennifer</td>
<td>Tuesday</td>
<td>5-039</td>
</tr>
<tr>
<td>Thomas, Rachel</td>
<td>Tuesday</td>
<td>5-055</td>
</tr>
<tr>
<td>Thompson, Bruce</td>
<td>Tuesday</td>
<td>5-008</td>
</tr>
<tr>
<td>Thompson, Bruce</td>
<td>Tuesday</td>
<td>5-009</td>
</tr>
<tr>
<td>Thumar, Ricky</td>
<td>Monday</td>
<td>3-045</td>
</tr>
<tr>
<td>Tilley, Michelle</td>
<td>Tuesday</td>
<td>5-129</td>
</tr>
<tr>
<td>Tobisawa, Hiroshi</td>
<td>Tuesday</td>
<td>5-090</td>
</tr>
<tr>
<td>Tong, Wei Xiang</td>
<td>Tuesday</td>
<td>5-125</td>
</tr>
<tr>
<td>Tse, Wyndie</td>
<td>Tuesday</td>
<td>5-214</td>
</tr>
<tr>
<td>Udeani, George</td>
<td>Tuesday</td>
<td>5-010</td>
</tr>
<tr>
<td>VanderSchoor, Jenny</td>
<td>Tuesday</td>
<td>5-130</td>
</tr>
<tr>
<td>Villa, Kathleen</td>
<td>Tuesday</td>
<td>5-173</td>
</tr>
<tr>
<td>Villa, Kathleen</td>
<td>Tuesday</td>
<td>5-172</td>
</tr>
<tr>
<td>Villanueva, Mara</td>
<td>Tuesday</td>
<td>5-131</td>
</tr>
<tr>
<td>Walters, Jennifer</td>
<td>Monday</td>
<td>3-033</td>
</tr>
<tr>
<td>Ward, Kristina</td>
<td>Tuesday</td>
<td>5-011</td>
</tr>
<tr>
<td>Watson, Kristin</td>
<td>Tuesday</td>
<td>5-041</td>
</tr>
<tr>
<td>Waxlax, Theresa</td>
<td>Monday</td>
<td>3-124</td>
</tr>
<tr>
<td>Weng, Renee</td>
<td>Tuesday</td>
<td>5-217</td>
</tr>
<tr>
<td>Weng, Renee</td>
<td>Tuesday</td>
<td>5-215</td>
</tr>
<tr>
<td>Weng, Renee</td>
<td>Tuesday</td>
<td>5-216</td>
</tr>
<tr>
<td>Willett, Kristine</td>
<td>Tuesday</td>
<td>5-184</td>
</tr>
<tr>
<td>Williamson, James</td>
<td>Monday</td>
<td>3-175</td>
</tr>
<tr>
<td>Williamson, Jason</td>
<td>Tuesday</td>
<td>5-139</td>
</tr>
<tr>
<td>Wink, Crystal</td>
<td>Monday</td>
<td>3-034</td>
</tr>
<tr>
<td>Wirick, Nathan</td>
<td>Tuesday</td>
<td>5-126</td>
</tr>
<tr>
<td>Wohleb, Jerome</td>
<td>Tuesday</td>
<td>5-012</td>
</tr>
<tr>
<td>Wong, May</td>
<td>Monday</td>
<td>3-035</td>
</tr>
<tr>
<td>Woo, Tiffany</td>
<td>Monday</td>
<td>3-103</td>
</tr>
<tr>
<td>Yancey, Abigail</td>
<td>Tuesday</td>
<td>5-185</td>
</tr>
<tr>
<td>Youmbi, Karen</td>
<td>Tuesday</td>
<td>5-219</td>
</tr>
<tr>
<td>Youmbi, Karen</td>
<td>Tuesday</td>
<td>5-218</td>
</tr>
<tr>
<td>Zaidan, Manal</td>
<td>Tuesday</td>
<td>5-018</td>
</tr>
<tr>
<td>Zaidan, Manal</td>
<td>Tuesday</td>
<td>5-132</td>
</tr>
<tr>
<td>Zaidan, Manal</td>
<td>Tuesday</td>
<td>5-013</td>
</tr>
<tr>
<td>Zbrozek, Art</td>
<td>Tuesday</td>
<td>5-042</td>
</tr>
<tr>
<td>Zeind, Caroline</td>
<td>Tuesday</td>
<td>5-133</td>
</tr>
<tr>
<td>Zendel, Laura</td>
<td>Tuesday</td>
<td>5-019</td>
</tr>
<tr>
<td>Zimmerman, Kristin</td>
<td>Tuesday</td>
<td>5-064</td>
</tr>
</tbody>
</table>

**Fellows Primary Author Index**

<table>
<thead>
<tr>
<th>Name</th>
<th>Day</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adams, Lawrence</td>
<td>Tuesday</td>
<td>5-221</td>
</tr>
<tr>
<td>Alameddine, Sarah</td>
<td>Tuesday</td>
<td>5-222</td>
</tr>
<tr>
<td>Chan, Bernadette</td>
<td>Tuesday</td>
<td>5-223</td>
</tr>
<tr>
<td>Cruz, Joseph</td>
<td>Tuesday</td>
<td>5-224</td>
</tr>
<tr>
<td>Desai, Sachin</td>
<td>Tuesday</td>
<td>5-225</td>
</tr>
<tr>
<td>Fahim, Germin</td>
<td>Tuesday</td>
<td>5-226</td>
</tr>
<tr>
<td>Feliciano, Joseph</td>
<td>Tuesday</td>
<td>5-227</td>
</tr>
<tr>
<td>Gums, Tyler</td>
<td>Tuesday</td>
<td>5-228</td>
</tr>
<tr>
<td>Jain, Jami</td>
<td>Tuesday</td>
<td>5-229</td>
</tr>
<tr>
<td>Jarmarwala, Aansh</td>
<td>Tuesday</td>
<td>5-230</td>
</tr>
<tr>
<td>Kaminski, Kimberly</td>
<td>Tuesday</td>
<td>5-231</td>
</tr>
<tr>
<td>Kanani, Kunal</td>
<td>Tuesday</td>
<td>5-232</td>
</tr>
<tr>
<td>Kar, Indrani</td>
<td>Tuesday</td>
<td>5-233</td>
</tr>
<tr>
<td>Ko, John</td>
<td>Tuesday</td>
<td>5-234</td>
</tr>
<tr>
<td>Lee, Brian</td>
<td>Tuesday</td>
<td>5-235</td>
</tr>
<tr>
<td>Lee, Zachary</td>
<td>Tuesday</td>
<td>5-236</td>
</tr>
<tr>
<td>Liu, Yufan</td>
<td>Tuesday</td>
<td>5-237</td>
</tr>
<tr>
<td>Lopatto, Jessica</td>
<td>Tuesday</td>
<td>5-238</td>
</tr>
<tr>
<td>Macedo, Livia</td>
<td>Tuesday</td>
<td>5-239</td>
</tr>
<tr>
<td>Mbagwu, Grace</td>
<td>Tuesday</td>
<td>5-240</td>
</tr>
<tr>
<td>Nemeth, Christopher</td>
<td>Tuesday</td>
<td>5-241</td>
</tr>
<tr>
<td>Okada, Naoto</td>
<td>Tuesday</td>
<td>5-242</td>
</tr>
<tr>
<td>Osborne, Shawn</td>
<td>Tuesday</td>
<td>5-250</td>
</tr>
<tr>
<td>Ralston, Erica</td>
<td>Tuesday</td>
<td>5-243</td>
</tr>
<tr>
<td>Romine-Nelson, Amanda</td>
<td>Tuesday</td>
<td>5-244</td>
</tr>
<tr>
<td>Shah, Swati</td>
<td>Tuesday</td>
<td>5-245</td>
</tr>
<tr>
<td>Snowden, Stanley</td>
<td>Tuesday</td>
<td>5-246</td>
</tr>
<tr>
<td>Szesny, Derek</td>
<td>Tuesday</td>
<td>5-247</td>
</tr>
<tr>
<td>Torné, Mercedes</td>
<td>Tuesday</td>
<td>5-248</td>
</tr>
<tr>
<td>Winans, Solomon</td>
<td>Tuesday</td>
<td>5-249</td>
</tr>
</tbody>
</table>
**MONDAY, DECEMBER 9**

2:00pm–4:30pm

**Categories:** Administrative Practice / Financial Management / Human Resources, Ambulatory Care, Automation / Informatics, Chronic / Managed Care, Clinical Service Management, Critical Care, Drug Information, Drug-Use Evaluation, Emergency Medicine / Emergency Room, General Clinical Practice, Geriatrics, Herbal / Alternative Medicines, Home Care, I.V. Therapy / Infusion Devices, Investigational Drugs, Leadership, Nutrition Support, Oncology, Operating Room Pharmacy, Pain Management, Pediatrics, Pharmacokinetics, Pharmacy Technicians, Practice Research / Outcomes Research / Pharmacoeconomics, Psychotherapy / Neurology, Small and Rural Pharmacy Practice, Transplant / Immunology, Women’s Health

- **3-001** Financial impact of pharmacy and therapeutics committee on an acute-inpatient rehabilitation hospital bottom-line, Helen Afolarin, Nitika Agarwal, Richard Krieger, Steve Lewis
- **3-002** A model for developing a hospital pharmacy collaborative drug therapy management agreement, Travis Dick, Whitney Buckel, Melissa Duke, Bruce Leavitt
- **3-003** Factors that could drive use of utilization controls for drugs used in an inpatient peri-operative setting, William Gerth, Eric Locklear, Art Zbrozek
- **3-004** Criteria for success: correlations within a pharmacy post-graduate year 1 (PGY1) residency selection process at a community health-system, Jerry Gonzales, Jennie Liu, Jackie Ho, Noah Fang
- **3-005** Considerations in developing oral chemotherapy safe practice policies and procedures in the health-system setting, Niesha Griffith, ManShan Celica Tong
- **3-006** Economic impact of supply chain management initiatives in an academic medical center, Cindy Jeter, John Williamson, Brian Swift, Jay Shah, Bob Turiano
- **3-007** Intensive continuing education program prior to computerized prescriber order entry implementation, Lama Kanawati, Lisa Peters, Wafaa Abou-Zeineddine, Odongerel Pount
- **3-008** Implementation of a centralized Pharmacy Remote Order Processing center (PROPCo) for off-hour processing of medication orders for multiple hospitals within an integrated health delivery system, Kenneth Komorny, David Boyer, Glenn Huth, Thomas Bauer, Brian McNoeley
- **3-009** Implementation of three times daily small volume parenteral (SVP) processing using Lean methodology, Phuoc Lynsey Le, Dominick Bulone, Akta Patel, Glenn Oettinger, Dennis Delisle
- **3-010** Impact of opportunities in an academic health system pharmacy summer internship program, Sujin Lee, Denise Fu, Yvonne LeBlanc
- **3-011** Recruitment information preferences of recent pharmacy residency applicants, Milena McLaughlin, Erik Skoglund, Jacob Gettig
- **3-012** Economic impact of seven initiatives in a large academic health system, Christy Norman, Tad Gomez, Margaret Ryman
- **3-013** Initiation of a mock residency interview exercise for fourth year doctor of pharmacy students, Rachel Pavelko, Alex Olinger, Tadd Hellwig, Kim Messerschmidt, Dan Hansen
- **3-014** Pharmacy student characteristics associated with securing a post-graduate training program, Jennifer Phillips, Jay Fajiculay, Maria Advincula, Milena McLaughlin, Jacob Gettig
- **3-015** Creating a standardizing medication formularies across a multi-hospital health system, Molly Leber
- **3-016** A metric driven approach for measuring and improving clinical pharmacy services in a multi-hospital system, Steve Lundquist

### Ambulatory Care

- **3-017** Outcomes and patient satisfaction with a pharmacist managed clinical video telemedicine (CVT) anticoagulation clinic, Mallory Accursi, Lakshmi Singh, Karen Korch Black
- **3-018** Evaluation of diabetic evidenced-based treatment outcomes in a patient centered medical home (PCMH), Jennifer Costello, Yogita Lakhera, Vladislav Shalmiyev, Jenny Thomas Jacob, Anthony Carlin
- **3-019** An aspirin a day keeps the doctor away?: A review of appropriate use, Amy Doten, Laura Johnson
- **3-020** Irritable Bowel Syndrome in patients presenting to community pharmacies in Lebanon, Fida Drouby, Michelle Cherfan, Jihan Safwan, Marwan Akel, Mohammad Iskandarani
- **3-021** Pilot study of pharmacist education of cardiac outpatients to improve medication comprehension, Rachael Durie, Ashmi Philips, Rani Patel, Mini Varghese, Sonia Patel
- **3-022** Improving medication adherence using a refill synchronization program: a partnership between community pharmacy and a Medicare Advantage health plan, Jon Glover, La Shelle Myers, Rod Shafer, Whitney Rice, Crane Davis
3-023 Impact of a pharmacist run medication therapy management clinic on hypertensive diabetic patients at a rural VA outpatient clinic, Carrie A Jansen, Amy Doten, William Hayes, Carrie Hock

3-024 Evaluation of the safety and effectiveness of 12 week monitoring of patients stable on warfarin at the UC Davis Anticoagulation Clinic, Teresa Kwong

3-025 Pharmacy prepared Clinic administered immunotherapy, Sami Labib, Anitha Nagelli, Brian Maynard, Josh Adams

3-026 Comparison of the prevalence rates of the KCNJ11 polymorphism (rs5219) between diabetes and non-diabetes patients using second-generation anti-psychotic medications, Tristan Lindfelt, Hong Vuong, Paul Perry, Vicki Ellingrod, Eric Ip

3-027 Novel approach to managing diabetes in the ambulatory care setting, Meghan Malone, Leeanne Webster

3-028 Effects of Fenofibrate 160mg vs. 54mg Conversion on Triglyceride Levels in Patients on Statin Therapy, Kendra Manigault, Vanessa Smith, Melissa Butler

3-029 Identifying causes of supratherapeutic INRs at the University of California, Davis Medical Center (UCDMC) anticoagulation clinic, Pamela Mendoza, Teresa Kwong

3-030 Night terrors with donepezil and memantine: a patient case report, Dhiren Patel, David Schnee, Jennifer Goldman-Levine

3-031 Therapeutics considerations for management of depression in the setting of cytochrome P450 2D6 and 2C19 deficiency: a patient case report, Dhiren Patel, David Schnee, Jennifer Goldman-Levine

3-032 Impact of a transitional anticoagulation clinic: optimizing inpatient to outpatient care, Rakhi Patel, Christopher Miller, Ryan Hire, Suzanne Turner

3-033 Evaluation of the efficacy, tolerability, and cost savings associated with the conversion of rosvastatin to atorvastatin in a veteran population, Jennifer Walters, Crystal Wink, Dorothy Jenrette


3-035 Evaluating the impact of a clinical pharmacist on diabetes, hypertension, and dyslipidemia in a Rural Clinic, May Wong, Shirley Chao, Phillip Chiao

3-038 Recognizing and identifying obstacles to the utilization of point of care technology in the emergency room setting, Sandra Ferrara, Theresa Waxter

3-039 Improving safety of refrigerated medications stored on patient care units, Ron Kolar, Robert Walker, David Michaels

3-040 Impact of the Informatics Pharmacist in a Community Hospital Setting, John Lamarque, Estela Trimino

3-041 Automation in a hospital pharmacy: a Brazilian experience with automated dispensing cabinets, Lisiane Leal, Vania Rohsig, Shirley Keller

3-042 Electronic health record optimization to prevent as-needed (PRN) medication therapeutic duplications, Rachael Lerman, Michele Lemonovich, Jason Glowczewski, George Brown, Mate Soric

Chronic / Managed Care

3-043 Prevalence of vitamin B12 deficiency among Lebanese diabetic population and increase level awareness for chronic metformin users, Amani Abbas, Etwal Bou Raad, Mohamad Iskandarani, Diana Malaeb

3-044 Diabetic foot ulceration: inpatient relevant risk factors, Hawraa Kissenwan, Fadi Hdeab, Mohamad Iskandarani

3-045 Analysis of clinical pharmacist impact on low density lipoprotein cholesterol values in patients with cardiovascular disease through a live, primary care-based intervention program, Ricky Thumar, Kathy Zaiken

Clinical Service Management

3-046 Kaiser Permanente Colorado (KPCO) Home Infusion Pharmacy (HIP) Services: A Description of a Lean Six Sigma Process Improvement Project, Bharati Bhardwaja, Tim Slowey, Noreen Kishimoto, Chad Friday

3-047 Impact of statins on blood glucose levels in Lebanese type two diabetic patients, Nour Chamsine, Diana Malaeb, Mohamad Iskandarani, Etwal Bou Raad

3-048 Prospective study to evaluate impact of direct pharmacist care on clinical outcomes of heart failure patients in a collaborative care setting, Angela Cheng-Lai, Lendita Priesli, Kelly Murphy, Phillip Chung, Ileana L. Pina

3-049 Impact of a decentralized integrated pharmacist staffing model on pharmacist initiated interventions, Marsha Crader, Willie Capers, Cynthia Garris, Wendy Koons

3-050 Implementation of a pharmacist based education program to reduce congestive heart failure readmissions in a community hospital, Deborah Fernandez, Dalia Potosme, Vishwas Dave, Shalonda Barnes, Iecha Johnson
professional posters

Critical Care

3-051 Planning for and working in a new hospital facility: assessment of emergency response medication, equipment and resource needs, Liza Andrews, Donna Covin, Lynda Proto, Andrew Rogalski

3-052 Cost-effectiveness of Dexametomidine vs Midazolam or Propofol for Sedation for Mechanically Ventilated Patients in the Intensive Care Unit, Justin Bioc, Chelsea Magee, Benjamin Moskoff, James Cucchi, Jennifer An

Drug Information

3-053 Student Peer Review Training in Drug Information: Do Student Training and Incentives Make a Difference?, Bernie Olin, Wesley Lindsey

3-054 Identification of significant inaccuracies in commonly-used, online drug information compendia; one company’s approach, Sonia Raikar, Nancy Crudele, Erica Dankiewicz, Amarita Randhawa, James Haddox

3-055 WWW what? Evaluation of medical information websites for healthcare professionals provided by the pharmaceutical and biopharmaceutical industry, Marissa Ross, Evelyn Hermes-DeSantis

Drug-Use Evaluation

3-056 Drug use evaluation of ceftriaxone in a tertiary academic hospital in Qatar, Hani Abdelaziz, Mounir Atchan, Sara Fouad, Riham Kaisi, Ahmed Bahi

3-057 Analysis of conversion of glyburide to glipizide for safety and effectiveness in a veteran population, Tara Butler, Trent Harris

3-058 Ondansetron in pregnancy induced nausea and vomiting: a medication use evaluation, Ben DiRusso, Steven Sparkes

3-059 Evaluation of clinical and economic outcomes with alvimopan use in a community based hospital, Derek Fields, Miranda Arthur

3-060 Evaluation of cost savings associated with implementation of ideal body weight (IBW) dosing of immune globulin, intravenous (human) (IVIG) at a community hospital, Mohamed Fouad, Samia Fawzi, Radhika Pisupati, Mitch Sobel

3-061 Inpatient admissions among schizophrenia patients before and after initiating a new atypical antipsychotic in a multi-state medicaid population, Mariam Hassan, Sally Wade, Nicole Meyer, Andrei Pikalov, Antony Loebel

3-062 Impact of delayed-dose administration of USL255, an extended-release topiramate formulation, Kacie Hughes, Bob Anders, Qiang Lu, Elizabeth Ludwig, Annie Clark

3-063 Evaluation of post surgical antibiotic prophylaxis in a Lebanese hospital setting, Katia Iskandar, Katia Iskandari, Marwan Akel, Jiwan Safwan

3-064 Evaluation of the use of a proton pump inhibitor in non intensive care units at a Lebanese hospital setting, Katia Iskandar, Marwan Akel, Jiwan Safwan, Laila Safi

Emergency Medicine / Emergency Room

3-065 Drug utilization review of antibiotics in a Lebanese emergency department, Mouin Allawi, Mohamad Iskandarani, Diana Malaeb, Etwal Bou Raad

3-066 Evaluation of the incidence of infusion-related errors associated with intravenous N-acetylcysteine for the treatment of acetaminophen toxicity, Nadia I. Awad, Ann-Jennette Geib, Akshay Roy, Patrick Bridgeman, Craig Coccio

3-067 Fatal pulmonary embolism in hospitalized patients: a large autopsy-based matched case-control study, Solange Bricola, Edison Ferreira Paiva, Arnaldo Lichtenstein, Reinaldo Jos Gianini, Jurandir Godoy Duarte

3-068 Securing necessary funding to provide clinical pharmacy services in the emergency department (ED) of a large community hospital: 1 year trial to permanent position, Allison Campbell, Paul Miller, Barry Schick, James Graham

3-069 Post rapid-sequence-intubation analgesia and sedation practices in intubated emergency department patients, Zlatan Coralic, Jimmy Hernandez, Hemal K. Kanzaria

3-070 Root cause analysis for significant outpatient adverse drug events: A qualitative analysis of patient and physician perspectives, Zlatan Coralic, Sarah Gertler, Andrea Lopez, John Stein, Urmimala Sarkar

3-071 Agitation in the elderly: evaluation of a university hospital emergency department, Katherine Crabb

3-072 Implementation of an emergency department pharmacy program to enhance medication history evaluation, Alexandra Grochulski, Jerry Gonzales

3-073 Novel program using pharmacy technicians to collect medication histories in the emergency department, Coleen Hart, Christine Price, Glenn Graziose, Jonathan Grey

3-074 Impact of emergency department pharmacists in facilitating administration of alteplase for ischemic stroke patients, Jeong-eun Kim, John Sang, Curtis Kellner

General Clinical Practice

3-075 Impact of a hospitalist pharmacist in a community hospital, Mina Abdalla, Estela Trimiento, Janelle Berg

3-076 Clinical pharmacists collaboration with physicians to improve medication safety during inpatient stay in an internal medicine unit, Sumana Alex, Ayne Adenew, Cherrine Arundel, Jennifer Kerns

3-077 Adherence of surgeons to antimicrobial prophylaxis guidelines in a tertiary general hospital in a rapidly developing country, Ahmed Bahey, Ayman El-Menyar, Hassan Al-Thani, Ashok Parchani, Ahmad Zour
3-078 Impact of helicobacter pylori treatment on nonsteroidal anti-inflammatory drugs (NSAIDs)-induced ulcer formation in adult patients: a meta-analysis, Tantri Budiman, Bingle Fontanosa

3-079 Enhancing the medication reconciliation process during transitions of care utilizing student pharmacists, Marco DelBove, Ewa Dzwierzynski, Joanne Smith

3-080 Incidence of trimethoprim induced hyperkalemia in hospitalized patients treated with sulfamethoxazole and trimethoprim, John Emanuel, Suzanne Lifer

3-081 The Role of the Clinical Pharmacist to Improve Postoperative Glycemic Control in Cardiovascular Surgery (CVS) to Meet the Surgical Care Improvement Process (SCIP) Four Ranking, John Engelbert, Kalman Holdy, Shiht-Yang Jan, Cynthia Londo, Julie Rybinski

3-082 Evaluation of medication reconciliation discrepancies at hospital admission, Jennifer Fiebert

3-083 Implementation of new roles for clinical pharmacists to improve diabetes care in a community hospital, during hospitalization, upon discharge and in ambulatory care setting, Raja Hanania, Jennifer Reiter

3-084 Implementation and Assessment of Pharmacist Interventions during Discharge Medication Reconciliation, Jenny He

3-085 Retrospective analysis of the causes, treatments and outcomes of hyponatremia in hospitalized patients, Bradley Hein, Carolyn Dosen

3-086 Retrospective analysis of falls at a large, community teaching hospital, Bradley Hein, Brian Bisher

3-087 Gastrointestinal bleeding associated with Sorafenib in hepatocellular carcinoma treatment: a case report, Chen Heng-Lin

3-088 Pharmacy student involvement in improving inpatient immunization core measures, Charlene Hope, Antoine Jenkins

3-089 QT on patient satisfaction: quality, quantity, tools, and teamwork, Jay Kuhn

Geriatrics

3-090 Prevalence and predictors of potentially inappropriate medications (PIM) in older adults receiving home health care services in Qatar, Eman Alhmoud, Sabah Khalifa, Asmaa Bahy, Halima Al Tamimi, Prem Chandra

3-091 Development and Implementation of a Delirium Tool for Prevention and Early Recognition of Delirium in Geriatric Patients, Holly Hazard

3-092 The importance of pharmaceutical care in treatment of depression in elderly, Amouni Mourad, Bruna Kogici, Solange Bricola

3-093 Concordance between three GFR estimating equations and drug dosing recommendations: a simulation study in the elderly, Maha Saad, Nicole Maisch, Manouchkathe Cassagnol, Jonathan Sin, Christina Ng

3-094 Use of transdermal patch as biotechnological approach in the treatment of Alzheimer’s disease, Gustavo Santos, Paulo Celso Pardi

3-095 Evaluation of potentially inappropriate medications among hospitalized critically ill elderly patients, Marwan Sheikh-Taha, Sarah Alaeddine

3-096 Evaluation of the appropriateness of prescribing in hospitalized geriatric patients using Beers criteria, Marwan Sheikh-Taha, Emily Abou Jaoude, Sahar Finianos, Nisreen Haddad, Abdallah Nawfal

Herbals / Alternative Medicines

3-097 Susceptive allergic skin reaction caused by XingSan, a concentrated Chinese herbal medicine, in a patient with allergic rhinitis - A case report, I-Chin Chen, Tzung-Ying Shie, Bo-Yu Huang, Lih-Chi Chen

3-098 Drug-induced rhabdomyolysis in a patient not taking any medications, Jennifer Fiebert

Home Care

3-099 Impact of staff education program on patient quality of life and therapy satisfaction, Brenda Gray, Kevin McNamara

3-100 Optimizing the Use of Intravenous Immunoglobulin in Chronic Inflammatory Demyelinating Polynuropathy, Lesley D’Albini, Wanda Philips, Drew Mascollino, Jay Visaria, Rochelle Henderson

I.V. Therapy / Infusion Devices

3-101 Implementation of smart pumps in a mother-child hospital: a pre-post study, Jean-Francois Bussieres, Aureille Guerin, Julien Tourel, Emmanuelle Delage, Denis Lebel

3-102 Using smart pumps report data to decrease alarm fatigue, Jennifer Mansfield, Steven Jarrett

Investigational Drugs

3-103 Effect of sugammadex versus usual care on perioperative surgical timepoints and residual neuromuscular blockade in the post-anesthesia care unit, Tiffany Woo, Britta Brueckmann, Nobuo Sasaki, Peter Grobarra, Matthias Eikermann

Leadership

3-104 Medication transitions of care: a discharge medication process, Kelly Biastre, Janice Rogers, Nancy Simon, Mike Brooks, Nicole Blackwelder

3-105 Have I got a job for you! Part II: One approach to address succession planning for pharmacy leadership positions, Jennifer Blanchard, Angela Seng, Melissa Neff, Chrissy Richardson
professional posters

3-106 Developing a novel process for pharmacy resident research, Travis Dick, Katy Mathews, Alissa Raines, Bruce Leavitt, Nannette Berensen

3-107 Medical student perceptions of pharmacy integration into a medical relief student organization, Sabrina Grandi, Jordan Masse, Chih Chuang, Helen Berlie

3-108 Development of an interprofessional clinical skills game competition, Sara Hodges, Scott Mircle

3-109 Exploring the Diversity of Discourse and Voices in the Pharmacy Community: Authors, Speakers, and Terms, Angela Koo, Jeremiah Duby

3-110 Implementation of a pharmacist merit assessment tool to improve engagement and participation, John Lindacher

3-111 Maximizing the skills and contributions from pharmacy specialty technicians: an innovative approach, John Lindacher

3-112 Student perceptions of the value and role of student organizations in professional skill development, Jennifer Phillips, Jay Fajiculay, Maria Renee Advincula, Milena McLaughlin, Jacob Gettig

3-113 How to assess your health-system’s cultural readiness for implementation of the Pharmacy Practice Model Initiative (PPMI), Andrew Kehrberg

Nutrition Support

3-114 Unusual cause of oral intolerance and need for parenteral nutrition, Brenda Gray, Kevn McNamara

3-115 Total nutritional pharmacy service at neonatal intensive care unit at a university hospital in Korea, Yunkyoung Oh, Kwangsup Lee, Jeongyeon Lee

Oncology

3-116 Cost effectiveness analysis comparing enzalutamide, abiraterone and cabazitaxel for the treatment of castration resistant prostate cancer post docetaxel therapy from third party payer perspective, Killian Brennan, Cristina Teixeira, Paige Barton, Somin Lee, Philip Sun

3-117 Identifying the rate of invasive aspergillosis in patients undergoing induction chemotherapy for acute myeloid leukemia at a university hospital, Rachel Elsey, Barry Diamond, Danielle Kunz, Darlene Green

3-118 Impact of pharmacist intervention in the gynecology oncology infusion clinic, Kristina Frinzi

3-119 Economic evaluation of oncology pharmacist intervention in an ambulatory cancer center, Min Kyoung Kang

3-120 An analysis of incidence and risk factor for peripheral neuropathy by Bortezomib in patients with multiple myeloma, Hyangsook Kim, A Young Chun, Sung Hwan Kim, Kwi Suk Kim

3-121 Oral chemotherapeutic-specific admission medication reconciliation process in a community hospital, Nicholas Link, Nathan Wirick, Edwin Soeder

3-122 Cost-Effectiveness Analysis of Bortezomib Plus Dexamethasone vs. Carfilzomib in the Treatment of Relapsed and Refractory Multiple Myeloma, Mary Kate McCarrn, Kelsy Snyder, Julia McCart, Shannon Kean, Alison DaCosta

3-123 Retrospective review of carboplatin dosing in a community hospital, Moe Shwin, Anay Moscu, Radhan Gopalani

3-124 Dedicated chemotherapy pharmacist...is there a need?, Theresa Waxlax

Operating Room Pharmacy

3-125 Waste anaesthetic gases in Quebec hospitals, Jean-Francois Bussieres, Cynthia Tanguay, Michel Legris

3-126 Possible extrapyramidal reaction with ondansetron in an obstetric patient following endometrial ablation requiring an intensive care unit admission, John Emanuel

Pain Management

3-127 Evaluation of Patient Outcomes, Length of Stay, and Average Hospital Costs with IV Acetaminophen: A Case-Matched Analysis of a National Inpatient Hospital Database, Christian Apfel, Gary Oderda, Colleen Kelly, Robert Ang

3-128 Total joint center continuum of care: a transition of care process for orthopedic surgery patients, Kathy Baldwin, Kelly Biastre

3-129 Impact of interdisciplinary collaboration on HCAHPS pain scores by enhancing a decentralized pharmacy model, Antonia Carbone, Sandra Richardson, Barbara G. Schwartz, Diana Lee Zisa

3-130 Diclofenac sodium topical gel (DSG) 1% reduces tenderness, shortens time to injury resolution, and is highly rated by subjects with contusions of the limbs, Robert Chaponis, Helmut Pabst, Bruno Giannetti, Ian Burnett

Pediatrics

3-131 Retrospective review of a pharmacist initiated immunization pediatric practice protocol for influenza and pneumococcal polysaccharide (PPSV23) vaccines, Kelli Cunningham, Allie Marr, Kelly Shea

3-132 Evaluating the use of erythromycin to increase tacrolimus levels in pediatric kidney transplant recipients, Carmen Echols, Rochelle Schmidt, Barry Warshaw

3-133 Harmful excipients in neonatal unit, Leocardio Rafael Lopez Gimenez, Juan Jose Martinez Garde, Ana Maria Sangradora Rasero, Marta Valero Dominguez

3-134 Assessing copper, manganese, selenium, and iodine deficiency in pediatric patients receiving parenteral nutrition and predicting supplementation through serum and urine monitoring, Mark MacKay, Jake Johnsen, Inasema Paul, Chantelle Stidham, Marc Holley
3-135  Incidence and risk factors associated with iron deficiency anemia in hospitalized Lebanese infants, Razan Mhanna, Mohamad Iskandarani, Dalal Hammoudi

3-136  Medication errors in prescribing, dispensing, and administration of medicines to the child patients in Hamamatsu University Hospital, Yasuaki Mino, Takafumi Naito, Kazuka Kasahara, Hiroko Terasaka, Junichi Kawakami

3-137  Evaluation of the effectiveness of a new vancomycin dosing guideline in the University of Colorado Hospital neonatal intensive care unit for achieving therapeutic trough concentrations, Ashley Reilly, Michelle Ding, Tyree Kiser

3-138  Evaluation of fixed-dose versus weight-based dosing of morphine sulfate for neonatal abstinence syndrome (NAS): an institutional protocol review, Milisha Shah, Nadia Awad, Craig Cocchio

Pharmacokinetics

3-139  Optimization of an aminoglycoside nomogram in the obstetric population, Chris Chapleau, Jennifer Chapman, Corinne Smith

3-140  Comparison of the pharmacokinetics of USL255, an extended-release topiramate, when sprinkled onto food or swallowed intact, Kacie Hughes, Annie Clark, Bob Anders, Mark Halvorsen

Pharmacy Technicians

3-141  Using lean process improvement methodology to improve medication delivery times to inpatient units in a community hospital setting, Michelle Corrado, Ryan Dusute, Melanie Watkins-Patel, Christopher D’Onofrio, Caitlin Murphy

3-142  Impact of two pharmacy technicians on the medication reconciliation process at our institution, Caroline Lindsay, Elizabeth Wittkop, Beth Keeney

3-143  Pharmacy technician rounds: Keeping up the pace in the intensive care units, Sharon Purcell, Evelyn Hermes-DeSantis, Patricia Sanders, John Yanoschak

Practice Research / Outcomes Research / Pharmacoeconomics

3-144  Ticagrelor vs. clopidogrel for treating acute coronary syndrome (ACS) in patients with diabetes mellitus: an incremental cost-effectiveness analysis, Anthony Abbudscato, Kathryn Stone, Colin Gillis, Siobhan O’Dwyer, Kristen Sousa

3-145  Cost-effectiveness of screening for metformin-associated vitamin B-12 deficiency and supplementation in patients with type 2 diabetes, Alexander Alliwell, Sagar Asodia, Jessica Bernheim, Jillian Casale, Susanna Chang

3-146  Re-engineered pharmacy services improves the medication reconciliation (MR) process and meets meaningful use objectives at a community hospital, Charles Arrison

3-147  Pharmacy intervention on reduction of early readmission rate in COPD patients, Poe AungGyi, Poe AungGyi, Martha Espinoza-Friedman, William Kernan, Darshika Patel

3-148  Injectable medication errors in the acute care setting: A descriptive retrospective database analysis, Eva Baginska, Betsy Lahue, Sandra Kane-Gill

3-149  Evaluation of the cost-effectiveness of tofacitinib therapy in the treatment of patients with established rheumatoid arthritis and an inadequate response to methotrexate alone: a third-party payer perspective, Caroline Belshe, Paul Giang, Connie Lu, Yogini Patel, Evgeni Yuz

3-150  Cost of treatment for patients treated with disease modifying therapies (DMTs) for relapsing-remitting multiple sclerosis (RRMS): a 2-year analysis from a US payer perspective, Audra Boscoe, Todd Wandstrat

3-151  Outcomes comparison of dexmedetomidine vs. propofol in a large, tertiary care teaching hospital, Jennifer Brandt, Joseph Barbaccia, Mary Jane Turner

3-152  Association between initial days supply of angiotensin II receptor blockers and hospitalization and health-care resources utilization, Becky Briesacher, Shuchita Kaila, Hassan Fouayzi, Chunlin Qian, Philip Gerbino

3-153  Cost-effectiveness of tyrosine kinase inhibitors for the treatment of imatinib-resistant chronic phase chronic myelogenous leukemia, Maxwell Brown, Lauren McGinty, Carolyn Darcy, Stephanie Giancola, John Scolaro

3-154  Multicenter study of environmental contamination with antineoplastic drugs in 36 Canadian hospitals, Jean-Francois Bussieres, Myriam Berruyer, Cynthia Tanguay, Michel Lefebvre

3-155  Cost-effectiveness of alendronate compared with tiotropium from the chronic obstructive pulmonary disease (COPD) patient perspective, Christopher Campbell, Jason Hoffman, Ashley Besignano, Kelsey Ziegler, Eric Ornstein

3-156  Clinical and economic burden of recurrent venous thromboembolism: an inpatient perspective, Julian Casciano, Zenobia Dotiwala, Robert Kemp, Chenghui Li, Jennifer Cai

3-157  Motivating factors that influenced Lebanese pharmacy students to choose pharmacy as a major, Michelle Cherfan, Fida Drouby, Marwan Akel, Jihan Safwan

3-158  Economic impact of body habitus in renal transplant recipients: a single center study, Leah Crow, Kristina Hoffman, Tayyab Diwan, Paul Volek, Jill Martin-Boone

3-159  Cost effectiveness analysis of alendronate versus denosumab for the treatment of osteoporosis in postmenopausal women, a healthcare payer perspective, Erica Diamantides, Alexandra Cabble, Stefan DiMario, Christopher Hill, Samantha Mok
Cost-effectiveness analysis of aflibercept and bevacizumab from a third party payer perspective in the treatment of neovascular age-related macular degeneration, Shea Downie, Rebecca DeSighnor, Shea Geyer, Maria Scarlatos, Karla Schumaci

Ethical and economic implications of rationing intensive treatment based on gestational age in extremely preterm births, Sandra Elman, Erickson Maala, Damilola Amoo, Cam-Tu Huynh, Jason Yeomelakis

Pneumonia readmission predictors: Does one size fit all?, Melanie Flinn, Jacqueline Pitts, Johnson Kang

Pharmacist-led medication reconciliation in orthopedic surgery patients: effect on HCAHPS scores and medication errors, Suzanne Gibson, Jessica Zebrowski, Nathan Stuckey, Daniel Rebol

Drug usage patterns in cardiac catheterization procedures and the affect of drug regimen selection on drug cost per procedure, Jason Glick, Elizabeth Gonzalez, Reed Howe

Evaluation of the immunoglobulin use in inflammatory systemic and immunemediated illnesses in a tertiary hospital, Celia Gonzalez, David Brandariz, Pablo March, Carme Alerany, Jose Bruno Montoro

Evaluation of the immunoglobulin use in patients with immunoneurological disorders in a tertiary hospital, Celia Gonzalez, David Brandariz, Pablo March, Carme Alerany, Jose Bruno Montoro

Long term stability of acyclovir infusion: the brand name versus a generic product, Jean-Daniel Hecq, Joseph Dewulf, Marie Godet, Jacques Jamart, Laurence Galanti

Cost Effectiveness Analysis of Probiotics Adjunct Therapy in Reducing the Incidence and Duration of Clostridium difficile-Associated Diarrhea in Hospitalized Older Adults, Bich Ngoc Hoang, Paul Norris, Shivam Acharya, Adrienne Kowcz, Austin Kang

Assessment of pharmacy students’ perception and knowledge of palliative care, Maha Saad, Ebtesam Ahmed, Joseph Stanilewicz

Consumer-led intervention to improve pharmacists’ attitudes toward mental illness: a pilot study, Alison DaCosta, Nathaniel Rickles

Long term use of enoxaparin for thromboprophylaxis in a psychiatric patient with a mechanical heart valve, Stephen Dolley, Anna Morin

Patient-centered care at discharge: Phase 1, bringing the pharmacy to the bedside in a small rural hospital, Thomas Magnifico, Lisa Singleterry

Get it right the first time, Crystal Michael, Nadine Schlienz, Marie Kaufman

Immunization blitz to improve zoster vaccination in rural health veterans, Kelly Moran

Comparison of insulin requirements in patients receiving Lantus and those receiving Levemir, James Williamson, Ginger Bain

Rates of urinary tract infections and hyperkalemia in the first 30 days after kidney transplantation comparing two sulfamethoxazole-trimethoprim prophylaxis dosing regimens, Travis Dick, Alissa Raines, Donald Morris, James Stinson

Successful renal transplantation in a patient with known idiopathic systemic capillary leak syndrome using basiliximab induction therapy, Alissa Raines, Travis Dick, Diane Alonso, Shiro Fujita, James Stinson

Human papilloma virus (HPV): assessing and increasing awareness among the Lebanese women, Rola Awad, Etwal Bou Raad, Mohamad Iskandarani, Diana Malaeb


Results of a post-interview survey of postgraduate year one (PGY1) residency candidates at a community teaching hospital, Lisa Richter

Efficacy of continuing education in improving pharmacists’ competencies for providing weight management service: three-arm randomized controlled trial, Amir Sarayani, Arash Rashidian, Kheirollah Gholami, Hassan Torkamandi, Mohammadreza Javadi

Didactic lecture versus interactive workshop for continuing pharmacy education on reproductive health: A randomized controlled trial, Amir Sarayani, Mohammadreza Javadi, Alireza Kargar, Kheirollah Gholami, Molouk Hadjibabaie
5-004 Strategies to improve pharmaceutical waste management practices across health system facilities in the Veterans Health Administration, Vaiyapuri Subramaniam, William Kulas, Johanna Sierra, Janey Namkung

5-005 Estimation of the economic impact associated with pharmaceutical interventions at a university hospital in Japan, Yuichi Tasaka, Akihiro Tanaka, Keiko Ido, Mamoru Tanaka, Hiroaki Araki

5-006 Improving communication with the C-suite through the development of a quarterly pharmacy services business report and dashboard tool, Erin Taylor, Aaron Michelucci

5-007 Implementation of a multidisciplinary pharmacy committee to prioritize pharmacy practice model initiative (PPMI) self-assessment action planning, Erin Taylor, Mark Heelon, Aaron Michelucci

5-008 Economic impact of a therapeutic interchange for ipratropium bromide/albuterol sulfate inhalers in a safety net medical center, Bruce Thompson, Bernadette Aragon, Catherine Leventis

5-009 Justification of future drug expenditures based on historical usage patterns, Bruce Thompson, Bernadette Aragon, Catherine Leventis

5-010 Economic impact of oncologist and pharmacy collaboration on costs of care and therapeutic agents at CHRISTUS Spohn, George Udeani, Esther Pollard, Thomas Enright, Alison Gratzol, Joseph High

5-011 Assessing fourth professional year Doctor of Pharmacy students’ attitudes about a new residency/fellowship preparation program, Kristina Ward

5-012 Defining new Pharmacy Service Metrics, a welcome outcome from Healthcare Reform, Jerome Wohleb, Kevin Jones, David Reese

5-013 Pharmacy Staff Perceptions and Satisfaction towards the standardized Orientation Program at The Heart and Cancer Centers in Qatar, Manal Zaidan, Khalid Al Siyabi, Ahmed Saad, Shereen El Azzazy, Mohamed Izham

5-014 Advantages of using a computerized prescriber order entry of parenteral nutrition, Renata Amaral, Dirce Akamine, Michel Kfouri, Carmem Peres, Carla Satiro

5-015 Keeping up with technology: determining interest among future pharmacists for an elective telemedicine course, Juliana Chan, Lucia Wu

5-016 Evaluating a Process to Minimize Unnecessary Alerts in a Computerized Prescriber Order Entry (CPOE) System, Wes Pitts, Amanda Kimsey, Daniel Marlar

5-017 Terror on error: reducing errors associated with admission medication reconciliation using a pharmacy-managed model and CPOE, Rebecca Prevost, Mary Alford, Dr. Desai, Arlene Herrin, Leslie Alto

5-018 Assessment of Nurses Perceptions and Satisfaction Towards the Use of Automated Dispensing Cabinets in the Heart and Cancer Centers in Qatar, Manal Zaidan, Fatma Rustom, Nancy Kassem, Sumaya Al Saadi, Mohamed Izham

5-019 Novel implementation of electronic medication administration in the intensive care unit, Laura Zendel, Cynthia Willis

Cardiology / Anticoagulation

5-020 Evaluating the safety and efficacy of a heparin protocol for the treatment of venous thromboembolism (VTE) in the morbidly obese, Lamies Abuakar, Danielle Donzal

5-021 Safety, effectiveness and cost analysis of rivaroxaban versus fondaparinux for thromboprophylaxis after joint replacement at an inpatient rehabilitation facility, Nitika Agarwal, Mary Mekheil, Nadia Tancred, Abhishek Reddy, Noel Rao

5-022 Impact of the clinical pharmacist counseling on patient’s warfarin knowledge, Nermine Choumane, Diana Malaeb, Mohamad Iskandarani, Etwal Bou Raad

5-023 Impact of the clinical pharmacist counseling on patient’s therapeutic INR levels, Nermine Choumane, Diana Malaeb, Mohamad Iskandarani, Etwal Bou Raad

5-024 Pharmacist-run anticoagulation management service improves time-in-therapeutic range, reduces adverse outcomes associated with anticoagulation, and improves patient and physician satisfaction, Antonia DeQuevedo, Ellen Rawnsley

5-025 Development and Outcomes of a Collaborative Practice for Chronic Stable Angina, Michael Gillette, David Frohnapple, Amanda Knott

5-026 Quality improvement of inpatient anticoagulation management over 5 years at a tertiary medical center, Michael Gulseth, Rhonda Hammerquist, Sara Zochert, Mike Duncan

5-027 Project safe: improving the safety of novel anticoagulant use at a community hospital, J Ashley Gunter, Mina Willis, Brittany Young, Janice Lee, Heather Hellwig

5-028 Safety of enoxaparin dosing regimens after cardiac ablation procedures, Drayton Hammond, David Killough, Christina DeRemer

5-029 Time to effect of oral versus intravenous vitamin K in adult patients requiring warfarin reversal, Allison Harshberger, Kelly Guhr, Joan Kramer

5-030 Colchicine versus amiodarone for the prevention of postoperative atrial fibrillation after cardiac surgery, Joseph Hong, Christine Price, Joshua Rovin, Pamela Chapin, Colin Fitzgerrel

5-031 Antithrombotic drug treatment patterns and resource utilization among venous thromboembolism patients: findings from a multi-payer analysis, Kathleen Lang, Victoria Federico, Aarti Patel, Brahim Bookhart, Samir Mody
5-032  Efficacy of an amlodipine/olmesartan medoxomil-based titration regimen in male and female subjects with hypertension and type 2 diabetes mellitus, Joel Neutel, Andrew Lewin, Ali Shojaee, Jen-Fue Maa, Kathleen Chavanu

5-033  Pharmacist interventions in a clinic for heart failure, left ventricular assist device, and heart transplant patients and impact on thirty day readmissions, Lisa Peters

5-034  Development and implementation of a management protocol for reversal of novel oral anticoagulants at a Veterans Affairs medical center, Daisy Peterson, Jennifer Koch

5-035  Blood pressure lowering efficacy of olmesartan medoxomil and losartan potassium in subjects with metabolic syndrome, Henry Punzi, Andrew Lewin, Wei Li, Kathleen Chavanu

5-036  Efficacy of an amlodipine/olmesartan medoxomil-based regimen in type 2 diabetes with stage 1 or 2 hypertension, C. Venkata Ram, Richard Sachson, Ali Shojaee, Jen-Fue Maa, Kathleen Chavanu

5-037  Evaluation of anticoagulation prophylaxis in patients hospitalized at a Lebanese medical center, Jihan Safwan, Jihan Safwan, Katia Iskandar, Marwan Akel

5-038  Rivaroxaban as bridge to warfarin in a patient on chronic warfarin for venous thromboembolic disease, Nadia Tancredi, Helen Afolarin, Joshua Balch

5-039  Measuring the impact of pharmacist-managed warfarin service in a community hospital, Jennifer Thomas, Mona Philips, Lea Eslava-Kim, Mark Attalla

5-040  Impact of a multi-disciplinary venous thromboembolism screening tool and physician order set in an acute care community hospital setting, Jennifer Thomas, Victor Ng, Mona Philips, Robert Adamson

5-041  A prospective, randomized, controlled trial of a novel pre-discharge self-administration of medication program in hospitalized heart failure patients, Kristin Watson, Patricia Uber, Matthew Bathula, Jennifer Bailey, Mandep Mehra

5-042  Breakeven estimates of treating subjects with 4-factor prothrombin complex concentrate versus fresh frozen plasma for patients with major medical bleeds from warfarin, Art Zbrozek, Christian Peters, Stephen Lu, Glenn Magee

Clinical Service Management

5-043  Impact of concomitant use of vancomycin and piperacillin-tazobactam on nephrotoxicity in adult inpatients in a community hospital, Ramadas Balasubramanian, Joseph Bero, Gabriel Gofius, Ashley Murphy, Tai Tran

5-044  Impact of pharmacist consultation for basal-bolus insulin management in hospitalized nephrology patients, Ashley Jones, Amber Burton, Leah Ann Durham, Margaret Pate

5-045  Use of a self rating scale to measure antipsychotics side effects, Ahuva Lustig, Ronie Leibovitz, Omit Cohen


5-047  Impact of decentralized pharmacy practice model on quality reporting metrics: patient satisfaction, Andrew Mathis, Hoytin Lee Ghin

5-048  Implementation of a pharmacist driven renal dose adjustment service in a community teaching hospital, Thom Kim Nguyen, Rani Patel, Mini Varghese, Ashmi Philips, Sonia Patel

5-049  Cost saving and patient care benefits achieved by implementing hospital approved antifungal prescribing guidelines at a community hospital, Jennifer Nickelson

5-050  Improving the accuracy of vancomycin level obtainment, Rebecca Szymanski

Critical Care

5-051  Impact on quality and cost savings with transition of ipratropium/albuterol inhaler to nebulizer in ventilated patients, Roy Guharoy, Gary Blake, Shewan Aziz, Ziad Haydar

5-052  Pharmacotherapy Considerations during an Extracorporeal Membrane Oxygenation Program Implementation at a Tertiary Academic Medical Center, David Reardon, Bonnie Greenwood, Jean Connors, Gerald Weinhouse

5-053  Continuing stress ulcer prophylaxis at ICU discharge: is it worth stressing over?, Siddharth F. Swamy, Corinne Chahine-Chakhtoura, Ajay Madduri

Drug Information

5-054  Evaluation of vancomycin dosing and monitoring in hemodialysis patients during hospitalization, Michael Samarin, Justin Usery, Carolyn Cummings, Joyce Broyles, Joanna Hudson

5-055  Multicenter evaluation of aminoglycoside susceptibility of gram-negative bacilli isolates among urban and rural inpatient facilities over a 10-year period, Rachel Thomas, Maisha Freeman

Drug-Use Evaluation

5-056  Satisfaction with Dry Eye Treatment among Sjogren’s Syndrome Patients, Lindsey Elmore, Laurel Braddy

5-057  Audit of efficacy and safety of once daily liraglutide versus twice daily exenatide in type 2 diabetes patients in Qatar; Two years observational study, Zainab Jassim, Imran Khudair

5-058  Evaluation of intravenous acetaminophen use at a community hospital, Melissa Lagzdins

5-059  Appropriateness of zolendronic acid use, Uche Ndefo, Jacqueline Milton-Brown, Allyse Woods, Patrick Nguyen, Ngoc Thuy Pham
5-060  Intravenous immune globulin stewardship program at a tertiary academic medical center, Megan Rocchio, Aaron Hussey, Paul Szumita
5-061  Top-down versus step-up therapy in moderate-to-severe crohns disease: a cost-effectiveness analysis from a third party payer perspective, Anastasiya Shakurova, Xuebing Lin, Samantha Tremblay, Katelyn Vautrin, Dana DiMaggio
5-062  Use of acute antipsychotic prescribing to identify delirium occurrence, Krystin Zimmerman, Allison Paquin, Tia Kostas, L. Michal Skarf, James Rudolph
5-063  Emergency Medicine / Emergency Room
5-064  Evaluation of the use of buprenorphine/naloxone in a tertiary care institution, Stephanie Seyse, Jessica Ledwich, Adam Spaulding, Kelly Shedler
5-065  Evaluation of current Greater Baltimore Medical Center (GBMC) vancomycin dosing nomogram's safety and effectiveness through retrospective patient data review, Michele Sharkey, Chao Yuan Ku
5-066  Implementation of pharmacist prospective review of non-emergent medications in the emergency department at a level 1 trauma center, Jennifer Mai, Harminder Sikand
5-067  Impact of the emergency department pharmacist on pneumonia core measures, Ethan Nhan, Bernard Cino, Hien Thu Nguyen, Joseph Reilly
5-068  Evaluation of pharmacy services in a level one trauma emergency department (ED) of a community hospital through the use of an ED specific intervention database, Ryan Owenby, Laurimay Laroco
5-069  Patients clinical profiles and differences in physician reported likelihood of nitrovasodilator use in acute heart failure, Jinhee Park, Amir Goren, Lewis Kopenhafer, Peter Pang
5-070  Introduction of an Emergency Department (ED) Pharmacist Program at a Community Hospital, Patrick Ryan, Michelle Corrado, Nicole Clark
5-071  Implementation of an emergency medicine pharmacotherapy class for third year pharmacy students, Mary Beth Shirk, Ryan Caddell, Jacob Thorpe, Katherine Kelley
5-072  Response by a pharmacy department at a tertiary academic medical center to the 2013 Boston Marathon Bombing, Katelyn Sylvester, Caryn Belisle, Megan Rocchio, Eric Goralnick, Lina Matta
5-073  Evaluation of pharmacy services in a level one trauma emergency department (ED) of a community hospital through the use of an ED specific intervention database, Ryan Owenby, Laurimay Laroco
5-074  Utilizing an admission medication reconciliation process pilot to initiate a pharmacy practice model change with clinical pharmacists in a community hospital, Ronald Mangin, Natalie Erichsen, Kanan Shah, Ryan Hung
5-075  Current Practice Patterns and Barriers to Inpatient Diabetes and Hyperglycemia Management: A Survey of Health-System Pharmacists, Katherine Mann, Laurie Ermentrout, John Juchniewicz, Jocelyn Ferreira
5-076  Interdisciplinary rounding frequency and quality improvement in a long term acute care hospital network, Chris Marshall, Kurt Streepy, Antony Grigonis, Amanda Dawson, Samuel Hammerman
5-077  Pharmacist led medication reconciliation and education program to reduce hospital readmission rates, Derick G. Miranda, Matt Bihlmayer, Alan Salkind
5-078  Improving the confidence of residents to complete a research project through a one-day research forum, Michael Neville, Jennifer Sterner-Allison
5-079  Development of a rapid intravenous desensitization protocol for iodixanol in patients with radiocontrast-induced anaphylactoid reactions refractory to standard premedication therapy, Bao Nguyen, Yvonne Kwan, Christopher Overgaard
5-080  Developing a Rapid Intravenous Desensitization Protocol for Iodixanol in Patients with Radiocontrast-Induced Anaphylactoid Reactions Refractory to Standard Premedication Therapy, Bao Nguyen, Yvonne Kwan, Christopher Overgaard
5-081  Improving inpatient medication reconciliation process pilot to initiate a pharmacy practice model change with clinical pharmacists in a community hospital, Ronald Mangin, Natalie Erichsen, Kanan Shah, Ryan Hung
5-082  Pharmacist led medication reconciliation and education program to reduce hospital readmission rates, Derick G. Miranda, Matt Bihlmayer, Alan Salkind
5-083  Evaluation of pharmacist interventions as part of a patient aligned care team model in a home based primary care population, Amy Pitt, Carol Botelho
5-084  Implementation of a pharmacist directed protocol for safely transitioning patients on intravenous insulin to a subcutaneous insulin regimen, Charles Rawls III
5-085  Implementation of a staff pharmacist-lead heart failure education program in a community hospital, Michael Steinberg, Helen Pervanas
5-086  Evaluation of inhaler use in ambulatory and hospitalized patients, Michael Steinberg, Helen Pervanas

General Clinical Practice
5-074  Utilizing an admission medication reconciliation process pilot to initiate a pharmacy practice model change with clinical pharmacists in a community hospital, Ronald Mangin, Natalie Erichsen, Kanan Shah, Ryan Hung
5-075  Current Practice Patterns and Barriers to Inpatient Diabetes and Hyperglycemia Management: A Survey of Health-System Pharmacists, Katherine Mann, Laurie Ermentrout, John Juchniewicz, Jocelyn Ferreira
5-076  Interdisciplinary rounding frequency and quality improvement in a long term acute care hospital network, Chris Marshall, Kurt Streepy, Antony Grigonis, Amanda Dawson, Samuel Hammerman
5-077  Pharmacist led medication reconciliation and education program to reduce hospital readmission rates, Derick G. Miranda, Matt Bihlmayer, Alan Salkind
5-078  Improving the confidence of residents to complete a research project through a one-day research forum, Michael Neville, Jennifer Sterner-Allison
5-079  Development of a rapid intravenous desensitization protocol for iodixanol in patients with radiocontrast-induced anaphylactoid reactions refractory to standard premedication therapy, Bao Nguyen, Yvonne Kwan, Christopher Overgaard
5-080  Improving transitions in care: implementing a fully integrated outpatient retail pharmacy within a healthcare institution, Sergio Petrillo, Peter Ragosta, Christine Marchese, Christine Berard-Collins
5-081  Evaluation of pharmacist interventions as part of a patient aligned care team model in a home based primary care population, Amy Pitt, Carol Botelho
5-082  Implementation of a pharmacist directed protocol for safely transitioning patients on intravenous insulin to a subcutaneous insulin regimen, Charles Rawls III
5-083  Implementation of a staff pharmacist-lead heart failure education program in a community hospital, Michael Steinberg, Helen Pervanas
5-084  Reducing inappropriate prescribing of proton pump inhibitors in a community hospital, Jessica Saiz de la Mora, Radhan Gopalani, Heidi Clarke
5-085  Novel communication strategies for notification, substitution and conservation of drugs during critical drug shortages, Laura Schulz, Nathan Ash, Donna Gratz
5-086  Evaluation of inhaler use in ambulatory and hospitalized patients, Michael Steinberg, Helen Pervanas

48th ASHP Midyear Clinical Meeting and Exhibition
Herbals / Alternative Medicines

5-087  Adverse drug reactions of herbal medicines during pregnancy, Kheirollah Gholami, Kousar Raoufi-Nejad, Mohammad Reza Javadi, Hassan Torkamandi, Mehdi Rajabi

5-088  Herbs and oral antitumoral agents interactions, Begona San Jose, Idoia Bilbao, Laura Serrano, Zurie Baskaran, Maria Angeles Gil

Home Care

5-089  Development of a homecare educational program in Japan, Yasuaki Takahashi, Soshi Nakasato, Hiroshi Tobisawa, Hironori Kosaka, Toru Hayakawa

5-090  Development of a physical assessment model for homecare patients in Japan, Hiroshi Tobisawa, Yasuaki Takahashi, Hironori Kosaka, Soshi Nakasato, Toru Hayakawa

I.V. Therapy / Infusion Devices

5-091  A strategic plan to improve the IV admixture services, Almeziny Mohammed

Infectious Diseases

5-092  Assessing the efficacy and use of tigecycline in Lebanese hospitals, Zainulabdeen Al Jammali, Etwal Bou Raad, Mohamad Iskandarani, Diana Malaeb

5-093  Impact of Automatic Stop Times for Empiric Broad Spectrum Antibiotics, Brandon Bates, Danielle Kunz

5-094  Comparison of in vitro susceptibilities of extended spectrum beta-lactamase (ESBL) producing Escherichia coli to imipenem and ertapenem in a four-hospital health system, Robert Bush, Eva Sullivan, Harminder Sikand

5-095  Clinical Laboratory Based Assay Methodologies May Underestimate and Increase Variability of Vancomycin Protein Binding in Patients, Jared Crandon, Shawn H. Mac Vane, David P. Nicolau

5-096  Assessment of treatment for urinary tract infections and impact of an educational strategy on appropriate antibiotic prescribing, Patrick Curtin, Esther King, Inga Dembinskaite, Sharen Anghel, Sridevi Challa

5-097  Point prevalence review as a tool to identify trends in antimicrobial use and opportunities for improvement in a community teaching hospital, Salwa Elarabi, Patricia Masters

5-098  Appropriateness of Gonorrhea Treatment in Patients Seen at the Jefferson County Department of Public Health, Lindsey Elmore, Catherine Needham, Richard Sinsky

5-099  Ceftaroline fosamil for the treatment of acute bacterial skin and skin structure infections in obese patients: CAPTURE study experience, John Evans, George Udeani, Phillip Cole, Alex Smith, H. David Friedland

5-100  Metric development to assess the impact of adding an infectious diseases pharmacist to an existing antimicrobial stewardship program, Rachel Fortin, James Beaulieu, Christine Berard-Collins, Cheston Cunha, Eleftherios Mylonakis

5-101  Assessment of tolerability of boceprevir and telaprevir in the veteran population, Carlos Freitas, Carlos Freitas, Mariene Callahan

5-102  Development of an Outpatient Parenteral Antimicrobial Therapy (OPAT) Monitoring Program using Collaborative Drug Therapy Management (CDTM) at a Tertiary Academic Medical Center, Kari Furtek, Cameron Ashbaugh, Charles DeWan, Paul Sax, David Kubiak

5-103  Collaboration between Antimicrobial Stewardship and P&T Committee reduces unjustified prescribing of daptomycin and curtails daptomycin expenditures, Rebecca Goad, Edgar Gonzalez, Ahmed Nusair, Matt Orem, Gretchen Lindsey

5-104  Changes in antimicrobial sensitivities for high-risk pathogens during implementation of an antimicrobial stewardship, Rebecca Goad, Edgar Gonzalez, Ahmed Nusair, Gretchen Lindsey

5-105  Antimicrobial stewardship program curtails antibiotic expenditures, Edgar Gonzalez, Rebecca Goad, Ahmed Nusair, Gretchen Lindsey, Brittany Reed

5-106  Does size matter? Antimicrobial usage variation-opportunities for cost savings and antimicrobial stewardship at the largest not for profit health care system in the US, Roy Guharoy, Mohamad Fakh, Diane Mends, Michelle Heavens, Ziad Haydar

5-107  Pharmacist-driven inpatient influenza and pneumococcal vaccination program, Joe Hessell, Ajay Madduri, Corinne Chahine-Chahktoura

5-108  Implementation of an outpatient antimicrobial stewardship program in a rural Veterans’ healthcare setting, Caitlyn Klein, Sarah Ferrell, Michael Lemon, Amy Doten

5-109  Impact of an antimicrobial stewardship at an 82-bed long-term acute care hospital (LTACH): one-year follow-up report, Hyun Ah Lee, Quentina Mack, Brian Beckett, Julian Craig

5-110  Medication utilization evaluation on daptomycin after implementing antimicrobial stewardship program (ASP) at a small long-term acute care hospital (LTACH), Hyun Ah Lee, Quentina Mack, Brian Beckett

5-111  Impact of a pharmacy-driven antimicrobial stewardship program at a large community hospital after the implementation of computerized prescriber order entry (CPOE), Kim Ly, Julie Squires, Wilson Chu

5-112  Experience with ceftaroline fosamil as monotherapy and combination therapy with vancomycin in acute bacterial skin and skin structure infections and community acquired bacterial pneumonia, Christy Maggiore, Timothy Pasquaile, Alena Jandourek, Alexander Smith, H. David Friedland
| 5-113 | Ceftaroline fosamil for treatment of acute bacterial skin and skin structure infections or community-acquired bacterial pneumonia in patients with renal insufficiency: CAPTURE study experience, Christy Maggiore, Timothy Pasquale, Phillip Cole, Alex Smith, H. David Friedland |
| 5-114 | The Assessment of Antimicrobial Stewardship Electronic Infrastructure Capabilities Within Washington State, Gregory Matsuura, David Birnbaum, Bichngoc Son, Tina Schwien |
| 5-115 | Evaluating the acceptance of anti-retroviral interventions in a large metropolitan hospital, Dhara Mehta, Harold Horowitz, Bella Kohn, Michael Blumenfeld |
| 5-116 | Improving appropriate utilization of empiric broad-spectrum antibiotics through educational efforts, Navaneeth Narayanan, Rani Patel, Mini Varghese, Ashmi Philips, Joseph Gugliotta |
| 5-117 | The Rhode Island Antimicrobial Stewardship Task Force (RIASTF): advancing antimicrobial stewardship efforts through state-wide collaboration, Linda Nelson, Monica Dorobisz, Haley Morrill, Kerry LaPlante |
| 5-118 | Implementation of a proactive computerized physician order entry antibiotic stewardship program and its impact on linezolid use in a community hospital: three-year follow-up analysis, Bao Nguyen, Karan Sidhu, Bo Liu, John Po |
| 5-119 | Survey of hospital pharmacists regarding vancomycin dosing protocols in obese patients, Cathy Oliphant, Kathy Eroschenko |
| 5-120 | Breakthrough fungemia in a patient receiving posaconazole: the case of the missing fat, Cathy Oliphant, Kathy Eroschenko |
| 5-121 | Promotion of rational use of antimicrobial by clinical pharmacist in an infectious diseases infirmary of a general large tertiary teaching hospital, Sao Paulo, Brazil, Ariane Oliveira, Rodrigo Abreu, Priscilla Rocha, Andrea Sforis, Vanusa Pinto |
| 5-122 | Evaluation of a vancomycin dosing nomogram in a community hospital, Kristin Riley, Estella Davis, Ryan Dull, David Schmidt, Stacey Friedman |
| 5-123 | Pharmacy driven antimicrobial streamlining: Effects on antimicrobial use in defined daily doses per 1000 patient days., Jordan Schneider |
| 5-124 | The Economic Burden of Clostridium difficile-Associated Disease in Selected Populations: A Retrospective Study of Acute Care Hospital Inpatients, 2009-2011, Marcie Strauss, Glenn Magee, Harold Brown, Sheila Thomas |
| 5-125 | Effects of early switching from intravenous to oral antibiotics on the outcomes of patients with bacteremia secondary to urinary tract infections, Wei Xiang Tong |
| 5-126 | Candida spp. isolate review and impact on prescribing preferences in a community teaching hospital, Nathan Wirick |
| 5-127 | Evaluation and implementation of systems to improve the care of patients with severe sepsis and septic shock, Tram Cat, Kimberly Snodgrass |

**Leadership**

| 5-128 | Creation of a pharmacy administration longitudinal rotation for postgraduate year (PGY) 1 residents, Erin Taylor, Shawn Roggie, Kathleen Kopcza |
| 5-129 | Evaluation of daily medication exchange and impact on workflow, Michelle Tilley, Jaclyn Kruse, Jason Glownczewski, Rachael Lerman |
| 5-130 | Development of a pre-survey action plan for an ASHP PGY1 pharmacy residency program accreditation visit at VA Central Iowa Health Care System, Jenny VanderSchoor, Mary Beth Gross, Candace Jordan |
| 5-131 | Impact of an elective medical writing course on academic performance, Mara Villanueva, Evelyn Hermes-DeSantis |
| 5-132 | Employee perceptions of safety culture in the cancer and heart centers in Qatar, Manal Zaidan, Mohammed Abd Al Wahed, Mohamed Izham, Ahmed Saad |
| 5-133 | Impact of pharmacy elective courses designed to promote student leadership, collaborative teamwork, and professional poster skills prior to advanced pharmacy practice experience rotations, Caroline Zeind, Rebecca Couris, Jennifer Goldman-Levine, Gary Tattonis, Fran Rogers |

**Operating Room Pharmacy**

| 5-134 | Evaluation of the continuation of beta-blockers perioperatively in non-cardiac surgery patients, Andrew Gatton, Nadia Iwanysyn, Paul Tan, Marci DeLosSantos |

**Pain Management**

<p>| 5-135 | Reduction of high-dose opioid use for chronic non-cancer pain through implementation of an opioid surveillance program, Shawn Dalton, Wendy Brink, Tiffany Jastorff Gillies, Joshua Hickox, Kelly Moran |
| 5-136 | Medication use evaluation of oxycodone sustained-action (SA) within a rural VA health care system, Shawn Dalton, Wendy Brink, Tiffany Jastorff Gillies, Joshua Hickox, Kelly Moran |
| 5-137 | Physical and chemical compatibility of IV acetaminophen with common IV medications, Chung Lu, Joshua Malinsky, Jacquelyn Evans-Shields, Ulana Rey |
| 5-138 | Risk factors associated with naloxone use in an adult inpatient population, Benjamin Stevens, Jayne Pawasauskas, Michelle Kelley, Rouba Youssef |
| 5-139 | Implementation of naloxone trigger tool guided opioid practice changes at a community teaching hospital, Jason Williamson, Terry Baumann, Julie Botsford |</p>
<table>
<thead>
<tr>
<th>Paper Number</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>5-140</td>
<td>Factors influencing cyclosporine pharmacokinetics in pediatric allogeneic hematopoietic stem cell transplantation, Kwi Suk Kim, Aree Moon, Hyoung Jin Kang, Sang Heon Cho, Hyang Sook Kim</td>
</tr>
<tr>
<td>5-141</td>
<td>Evaluation of cyclosporine protocol for new liquid chromatography tandem mass spectrometric assay in hematopoietic stem cell transplantation recipients, Hyen-Oh La, Hye Jung Choi, So Hyun Yu, Su Jin Park, Soon Joo Kim</td>
</tr>
<tr>
<td>5-142</td>
<td>Unprofessional online behavior of licensees: a survey of boards of pharmacy, Lindsey Elmore, Jessica Skelley, Peter Hughes</td>
</tr>
<tr>
<td>5-143</td>
<td>Implementing USP 795 standards: establishing quality in processes, Tina Fogel, Cammie Burgess</td>
</tr>
<tr>
<td>5-145</td>
<td>Time critical medications: assuring compliance with CMS guidelines, Rebecca Prevost, Karen Reynolds, Arlene Herrin, Leslie Alto, Lynn Rowe</td>
</tr>
<tr>
<td>5-146</td>
<td>Forcing functions improve physician notification for long-acting insulin omissions, Rebecca Prevost, Arlene Herrin, Karen Reynolds, Gail Fannin, Richard Montgomery</td>
</tr>
<tr>
<td>5-147</td>
<td>Pharmacy Technicians in the ED: Medication Histories, Error Prevention and Other Pharmacy Services, Diana Schultz, Michael Montoya, Michelle Hughes, William Turner, Cedric Terrell</td>
</tr>
<tr>
<td>5-148</td>
<td>Medication reconciliation technician program at The Hospital of Central Connecticut, Colleen J. Teevan, Mahmoud Omar, Maggie Zysk, David Girouard</td>
</tr>
<tr>
<td>5-149</td>
<td>Cost-effectiveness of Aripiprazole Versus Olanzapine as Adjunct Therapy for Treatment Resistant Major Depressive Disorder, Benjamin Hofhelfer, Erin Baker, Alex Critz-Culp, Seana Mathew, Funmilayo Muyide</td>
</tr>
<tr>
<td>5-150</td>
<td>Impact of pharmacists’ interventions on medication adherence and clinical outcome in human immunodeficiency virus patients, Yang Hsin Yu, Chueh Chang Chi, Wang Ming Shyan, Yeh Tzu Hui, Sun Shu Hui</td>
</tr>
<tr>
<td>5-151</td>
<td>Cost-analysis model for inpatient anticoagulant treatment in the hospital setting, Lynn Huynh, Brahim Bookhart, Daisy Zhuo, Kevin Tran, Samir Mody</td>
</tr>
</tbody>
</table>

5-152 | Alvimopan, a peripherally acting mu-opioid receptor antagonist, is associated with reduced costs after radical cystectomy economic analysis of a phase 4 randomized, controlled trial, Teresa Kauf, Jessica Moreno, Carolyn Martin, Robert Svatik, Ashish Kamat |

5-153 | Cost effectiveness and budget impact of daptomycin versus linezolid for the treatment of adult vancomycin resistant enterococcal (VRE) bacteremia: a hospital perspective, Paresh Kumar, Jeffrey Pearson, Alex Blake, Alexander Powell |

5-154 | Development of the Five Ps of pharmacy assessment, Paresh Kumar, Michael Gonyeau |

5-155 | Impact of clinical decision support systems on the nephrotoxic medication prescription, Hyen-Oh La, Sung Hee Kwon, Yu Kyung Park, Young Hyun Han, Ok Yeon Han |

5-156 | Potential budget impact of integrating taliglucerase alfa therapy for Gaucher disease in the United States, Larry Liu, Elizabeth Pappadopulos |

5-157 | Re-measuring satisfaction among residents in ASHP-accredited pharmacy residency programs, Bryan McCarthy Jr., Kevin W. McConeghy, Jennifer H. Austin |

5-158 | Correction of the international normalized ratio in hospital mortality among patients with warfarin-related major bleeding: an analysis of electronic health records, Joseph Menzin, Matthew Sussman, Christine Nichols, Art Zbrozek |

5-159 | Implementation and evaluation of an automated prior authorization program in a county health system, Jacqueline Milton-Brown, Uche Anadu-Ndefo, Andrea Henry |

5-160 | Impact of the blockbuster generics on a county hospital budget, Uche Ndefo, Andrea Henry |

5-161 | Clinical and cost effectiveness of bupivacaine liposome injectable suspension in a community hospital setting, Jodie Pepin, Robert Wright |

5-162 | Patterns of anticoagulant use and rates of recurrence among patients with incident venothromboembolism managed in US hospitals: a multi-center electronic health record study, Ronald Preblick, Joseph Menzin, Mark Friedman, Jordan Menzin, Winghan Jacqueline Kwong |

5-163 | Impact of pharmacist involvement in the transitional care of high-risk patients through medication reconciliation, medication education, and post-discharge callbacks, Rachael Prusi, Brooke Baitz-Ward, Elizabeth Vetter, Arti Phatak, Michael Postelnick |

5-164 | Cost-utility analysis of albumin-bound paclitaxel versus paclitaxel as second-line therapy in HER2-negative patients with metastatic breast cancer, Eli Raver, Niyati Patel, Kyle Snowden, Dong Tu |

5-165 | Impact of consolidation of satellite pharmacies on medication expenditures and waste, Mina Rofail, John Sang, Curtis Kellner, Amber M Mullins |
5-166 Cost-effectiveness analysis of acupuncture versus topiramate for migraine prophylaxis, Nicole Russo, Katrina Barrientos, Clara Kim, Elizabeth Kyer, Dana Roccograndi

5-167 Seasonal influenza: cost and utilization associated with rapid influenza diagnostics tests in an insurance claims database, Michael Schmidt, Donald Klepser

5-168 Cost effectiveness analysis of aclidinium vs. tiotropium for treatment of COPD from a third party payer perspective, Meghan Smart, Tiffany Chan, Kevin Dube, Maegan Anyzeski, Paul Carmola

5-169 Establishing an internal medicine clinical pharmacy practice in a community non-teaching hospital: early economic outcomes, Mate Soric, Jason Glowczewski, Rachael Lerman

5-170 Pharmacy students improving medication safety across transitions of care through an interprofessional medication reconciliation collaborative process in a rural hospital, Mariette Sourial

5-171 Conversion from metered dose inhalers to a vibrating mesh nebulizer in long term acute care hospitals: cost effectiveness and respiratory staff perception, Kurt Streepy, Amanda Dawson, Antony Grigonis, Samuel Hammerman, Lisa Snyder

5-172 Resource utilization and costs in a US commercially insured population with schizophrenia, Kathleen Villa, Kathryn Fitch, Kosuke Iwasaki

5-173 Costs and discontinuation associated with antipsychotic monotherapy versus antipsychotic polypharmacy in patients with schizophrenia in a commercial claims database, Kathleen Villa, Keith Isenberg, Kathleen Reilly, Maxine Fisher

Preceptor Skills

5-174 Assessment of introductory pharmacy practice experience (IPPE) student reflections as evidence of achievement of Accreditation Council for Pharmacy Education (ACPE) core competencies, Kara Bonaceto, Catherine Simonian, Nicole Carace, Lisa Padgett, Rita Morelli

5-175 Undergraduate students’ perception of the pharmacy profession post implementation of a pharmacy seminar honors course, Juliana Chan, Flor Cerda, Phyllis Lin

5-176 Factors influencing applicants’ selection of residency training programs, Katy Garrett, Kelly Smith

5-177 Pharmacy Residents Understanding of Biostatistics and Clinical Research, Michael Gillette, David Frohnapple, Amanda Knot

5-178 Preparation and implementation of a state-wide residency preceptor development seminar, Christy Holland, Melanie Claborn, Sarah Cochran, Kendrea Jones

5-179 Impact of a school of pharmacy regional residency/fellowship showcase on pharmacy students interest in postgraduate training, Trisha LaPointe, Caroline Zeind, Judy Cheng, Susan Jacobson, William McCloskey

5-180 The Effect Of Preceptor Education On Time Spent In The 4 Preceptor Roles: Preceptor vs. Resident Perspectives, Randell Miyahara, Nancy Nguyen

5-181 Development of a regional teaching certificate program for pharmacy residents practicing in institutional settings, Harmander Sikand, Natalie Hall, Marcie Lepkowsky, Jonathan Lacro, Jennigrace Bautista

5-182 Evaluation of the introduction of weekly current event discussions as a learning activity in an internal medicine advanced pharmacy practice experiential rotation, Michael Steinberg

5-183 Implementation of a midyear oral examination to assess clinical competency and need for remediation in pharmacy residents, Mary Temple-Cooper, Melissa Lagzdins

5-184 Patient perceptions and changes to lifestyle after student pharmacist-driven medication review services, Kristine Willett, Jennifer Kelleher, Cheryl Abel

5-185 Utilization of a longitudinal academia experience for postgraduate year one (PGY-1) pharmacy resident introduction to and preparation for faculty roles, Abigail Yancey, Michael Lorenz, Travis Linneman

Psychotherapy / Neurology

5-186 Antipsychotic use and risk of rhabdomyolysis, Kathleen Packard, Paul Price, Ashely Hanson

Quality Assurance / Medication Safety

5-187 Anti-Diabetes Medications and Acute Pancreatitis: Pharmacovigilance Analysis of Spontaneously Submitted Adverse Event Reports, Ayad Ali

5-188 Quality control of compounding process and parenteral nutrition, Renata Amaral, Dirce Akamine, Michel Kfouri, Carmem Peres, Ubiara Marfinati

5-189 Assessment of the impact of computerized prescriber order entry (CPOE) system on the reported occurrence of medication errors in a community hospital, Ramadas Balasubramanian, David Bilotta, Joseph Bero, Ashlee Andreasen, Carolyn Kerr

5-190 Pharmacy-driven medication therapy management as part of a transitional care program at an academic medical center, Mary Bridgeman, Laurie Eckert, Teresa De Peralta, Aileen D’Atri

5-191 High-dose methotrexate and the impact of select drug interactions on renal function, Maxwell Brown, Zaven Norigian, Robin Joyce

5-192 Analysis of inpatient dispensing near miss events in a municipal hospital in Taiwan, Lih-Chi Chen, I-Chin Chen

5-193 Effect of electronic prescribing on medication reconciliation, Jill Coyeou

5-194 Assessment of the opioid sparing effect of intravenous acetaminophen after cardiothoracic surgery: Medication-use evaluation, Joe Cruz, Jodie Skayan, Evelyn Hermes-DeSantis, Daniel Shindler, John Yanoschak
5-195 Impact of emergency department dispensing on antibiotic compliance in a Veterans Affairs Medical Center, Channel De Leon, Margaret Gordon

5-196 A strategy to avoid tubing and catheter misconnections: standardizing identification routes for administering medicines, Daunana Eizerik, Rosana Freitas, Shirley Keller, Vania Rohsigh, Lisiane Leal

5-197 Adverse drug reactions induced by antineoplastic agents in hospitalized patients, Kheirolah Gholami, Niyesh Mohebbi, Gloria Shalviri, Mahdieh Fazliollahi, Sanambar Sadighi

5-198 Development and Implementation of a Medication Safety Program in the Lebanon, Christian Hartman, Nibal Chamoun, Roy Guharoy

5-199 Impact of pharmacist driven HYDROMorphone dose restriction on patient safety in a large community hospital., Jessica Hill, Sarah Barlow, Arthur Roby

5-200 Evaluation of pharmacist managed medication reconciliation, Lori Huang, Anne Furasek, Jerome Wohleb

5-201 Prescription Analysis of pediatric inpatients at Seoul National University Hospital, Ae Hee Jung, Yoon Sook Jo, Ji Un Park, Kwi Suk Kim, Hyang Sook Kim

5-202 Impact of pharmacy technician mediated medication reconciliation in the emergency department, Katherine Kamatasir, Roma Merrick, Christina Gifford, Megan Keese, Elizabeth Santiago

5-203 Impact of decentralized pharmacy practice model on safety reporting metrics: adverse drug events, Hoytin Lee Ghin, Andrew Mathis

5-204 Implementation and evaluation of a pharmacist-led medication reconciliation initiative in the emergency department, Richard Anthony Mioni, Monica Sopiarz, Lisa Peters, Rita Magnuson

5-205 Implementation and improvement in pharmacy and nursing electronic communication: a medication safety, quality improvement and quality assessment of technology process, Bickkie Nguyen

5-206 Implementation of inventive query to improve compliance with the Joint Commission’s “Do Not Use” abbreviations list and ensure patient safety within a mail order pharmacy, Carrie Nolan, George Dooling, Michael Sutherland

5-207 Pharmacists respond to drug-drug interaction alerts: impact on alert fatigue as a result of reducing non-clinically significant interaction warnings, Crystal Parke, Elizabeth Santiago, Brent Zussy, Dusko Klipa

5-208 A successful implementation of an education program for intravenous (IV) push drug delivery for palliative care (PC) in a community hospital., Agnieszka Pastemak, Annie Kazandjian, Ann Riccobene, Jack Mateyunas

5-209 Assessing and improving patient knowledge of proper medication disposal, Laura Perry, Tracey Archibald, Kensey Schultz, Kimberly Scott

5-210 Variability in compounding of oral liquids for pediatric patients: A patient safety concern, Janis Rood, Melanie Engels, Scott Ciarkowski, Larry Wagenknecht, Chris Dickinson

5-211 Pharmacist-led medication reconciliation training program for medical assistants in primary care, Kelsey Ryan, Sarah Thompson, Stephen Kogut

5-212 Pillbar: an innovative visual tool to raise awareness of medication-related, patient-specific fall risk, Jacyntha Sterling, Emily Gray, Michael Dubriwny, Debbie Boykin, Ted Casey

5-213 Effect of interprofessional collaboration on stroke core measures, Nathan Stuckey, Bernadette Revta, Peter Bambakis

5-214 Standardization of the continuous opioid independent double-check (IDC), Wyndie Tse, Regina Buchanan

5-215 Improving the safety of medication infusion pumps through the implementation of a multidisciplinary pump safety committee, Renee Weng, Alyssa Le, Dorothy Santora, Raja Zeitany

5-216 Pharmacist involvement to guide appropriate prescribing and utilization of transdermal fentanyl patches, Renee Weng, Jody Jacobson, Raja Zeitany

5-217 Development of a drug shortage tracking tool managed by a pharmacy workgroup to address drug shortages, Renee Weng, Ian Campbell, Alyssa Le, Raja Zeitany

5-218 Impact of the sterile compounding strategy on a massachusetts hospital pharmacy, Karen Youmbi

5-219 Achieving compliance to the joint commission medication management standard for the safe management of hazardous medications, Karen Youmbi

5-220 Implementation of an automated technology to reduce medication errors and increase efficiency during emergency drug tray replenishment, Adrienne Shepardson, Agnes Ann Feemster

ASHP Fellows

5-221 A review of regulations and their impact on HIV pediatric drug development, Lawrence Maxwell Adams, Betsy Kurian, Amol Parekh, Michael Camuso

5-222 Can posting selfies on Instagram compromise your vulnerable health information? Sarah Alameddine, Chantal Chan, Francisco Grajales, Luis Fernandez Luque, Kevin A. Clauson

5-223 Criteria for developing the ideal diabetes mobile application - examining patient, provider, and regulatory perspectives, Bernadette Chan, Katherine Gorcyca, Danny Gonzalez, Raj Patel, Joseph Barone
5-224 Intravenous acetaminophen after orthopedic surgery: Medication-use evaluation, Joseph Cruz, Evelyn Hermes-DeSantis, Jodie Skayhan


5-226 Survey of disaster preparedness curricula in pharmacy education, Germin Fahim, Evelyn Hermes-DeSantis

5-227 Risk evaluation and mitigation strategies: what is the impact of the prescription drug user fee act of 2012? Joseph Feliciano, Krista Trivieri, Caitlin Lentz, Amy Stanford, Michael Toscani

5-228 Physician-Pharmacist Collaborative Management of Asthma, Tyler Harris Gums, Barry L. Carter, Gary Milavetz, Gail Ardery

5-229 Stability of ertapenem 100mg/ml at room, refrigerator, and freezer temperatures when prepared in a polypropylene syringe for rapid intravenous injection, Jami Jain, Christina Sutherland, David P. Nicolau, Joseph L. Kuti

5-230 Individual case-level attributes of adverse event reports associated with validated safety signals, Aansh Jarmarwala

5-231 A prospective, interventional approach to measure adherence in chronic hepatitis C patients utilizing a pilot electronic, monitoring device, Kimberly Kaminski, Brett Hensley, Saira Chaudhry, Michael Toscani

5-232 Factors influencing Over the Counter analgesic drug recommendations made by pharmacists in the United States, Kunal Kanani, Kunal Kanani, Vrunda Patel, Michael Toscani, Lucio Volino

5-233 Assessment of quality, credibility, suitability, and readability of health information available to patients on the internet for select high alert medications, Indrani Kar, Morgan L. Sperry, Patrick J. Bryant, Heather A. Pace

5-234 Pharmacist-led Medication Management Program (MMP) for high-risk diabetic patients: evaluation of two-year clinical outcomes, economic impact, and medication adherence, John J. Ko, Jackie Lu, Paul Godley, Patricia A. Tabor, Eileen Stock


5-236 Evaluation of the Safety and Effectiveness of High-dose Simvastatin Prescription Practices at a Community Health Center, Zachary Lee, Edward Wolfson, Sachin Desai, Valerie Coppenrath

5-237 Utilization of adverse event reporting to assess effectiveness of risk evaluation and mitigation strategy (REMS) components, Yufan Liu, Louis Fox

5-238 Opioid utilization in patients with chronic liver disease, Jessica Lopatto

5-239 Using an objective structured teaching exercise (OSTE) to develop pharmacy preceptors, Livia Macedo, Deborah A. Sturpe, Stuart T. Haines, Toyin Tofade, Cherokee Layson-Wolf

5-240 Clinical and economic outcomes of telephonic versus in-person medication therapy management (MTM) services provided to Medicare Part D beneficiaries, Grace Mbagwu, Megan Cunningham, Paul Godley

5-241 Analysis of a computerized compliance report; the possible limitations of computerized generated reports, Christopher A. Nemeth, Amanda R. Romine-Nelson, Abir O. Kanaan, Linda Spooner, George M. Abraham

5-242 Evaluation of risk factors for hypocalcemia induced by denosumab, Naoto Okada, Kazuyoshi Kawazoe, Kazuhiko Teraoka, Toshihide Kujime, Kazuo Minakuchi

5-243 Drug reference application (app) use among pharmacy students at a single university, Erica Ralston, Heather Pace, Morgan Sperry, Patrick Bryant

5-244 The need to continually educate prescribers regardless of their level of training; our experience with computerized provider order entry, Amanda Ruth Romine-Nelson, Christopher A. Nemeth, Abir O. Kanaan, Karyn Sullivan, Susan V. George

5-245 Pay for delay settlements: an evaluation of anti-competitive effects, Swati R. Shah, Matt Silva, Morgan K. Comee, Michael Malloy

5-246 Relationship of hemoglobin A1c and platelet aggregation response to aspirin in patients with diabetes, Stanley Snowden, James Nawarskas, Joe Anderson, Matthew Bouchonville, Gretchen Ray

5-247 Transitional Care Pharmacy Services in a Regional Network of Long-term Acute Care Hospitals, Derek A. Szesny, James Pouillard

5-248 Rectal anemic case produced by errors of medication reconciliation, Mercedes Torne, Meritxell Salazar, Nuria Martinez, Manuel Soria, Carlos Franco

5-249 Pharmacokinetics and Pharmacodynamics of High-Dose Piperacillin/Tazobactam in Obese Patients, Solomon Alexander Winans, Steven C. Forland, Victoria Maskiewicz

5-250 ASHP Pharmacy Leadership Institute – 2013 Project Winner, Shawn Osborne
ACKNOWLEDGEMENTS

ASHP Officers and Board of Directors

Gerald E. Meyer, President
Christene M. Jolowsky, President-Elect
Kathryn R. Schultz, Immediate Past President
Philip J. Schneider, Treasurer
Paul W. Abramowitz, Chief Executive Officer
Paul W. Bush
Larry C. Clark

ASHP Section and Forum Executive Committees

ASHP Section of Clinical Specialists and Scientists
Jill S. Bates, Chair
Lea S. Eiland, Immediate Past Chair
Christopher Betz, Chair-Elect
Michelle E. Allen, Director-at-Large
Daniel P. Hayes, Director-at-Large
Jason J. Schafer, Director-at-Large-Elect
Paul W. Bush, Board Liaison
Angela Raval, Section Director

ASHP Section of Ambulatory Care Practitioners
Seena Haines, Chair
Steven Riddle, Immediate Past Chair
Melanie Dodd, Chair-Elect
Gloria Sachdev, Director-at-Large
Sandra Leal, Director-at-Large
Jennifer Buxton, Director-at-Large-Elect
Larry C. Clark, Board Liaison
Justine Coffey, Section Director

ASHP Section of Inpatient Care Practitioners
Noelle RM Chapman, Chair
Lynn Eschenbacher, Immediate Past Chair
Daniel Degnan, Chair-Elect
Emily Alexander, Director-at-Large
Lois F. Parker, Director-at-Large
Molly Leber, Director-at-Large-Elect
James A. Trovato, Board Liaison

ASHP Section of Informatics and Technology
Michael D. Schlesselman, Chair
Kevin Marvin, Immediate Past Chair
Barbara Giacomelli, Chair-Elect
Gwen Volpe, Director-at-Large
Trinh Le, Director-at-Large
Joseph Lassiter, Director-at-Large-Elect
Thomas J. Johnson, Board Liaison
Karl Gumpper, Section Director

ASHP Section of Pharmacy Practice Managers
Todd Karpinski, Chair
Patricia Killingsworth, Immediate Past Chair
Thomas E. Kirschling, Chair-Elect
James Hoffman, Director-at-Large
Rick Coulby, Director-at-Large
Jennifer E. Tryon, Director-at-Large-Elect
Kathleen S. Pawlicki, Board Liaison
David Chen, Section Director

ASHP New Practitioners Forum
Christina Martin, Chair
Brandon Shank, Vice Chair
Jason Babby
Lindsey Childs
Teena Sam
Steven Rough, Board Liaison
Jill Haug, Director

ASHP Pharmacy Student Forum
Thomas Achey, Chair
Emily Carrell, Vice Chair
Nisha Bhide
Jessica Libuit
Meghan Tolan
Kelly Smith, Board Liaison
Diana Dabdub, Director
2012-2013 ASHP Section Educational Steering Committees

ASHP Section of Clinical Specialists and Scientists
Ericka Breden, Chair
Joel C. Marrs, Vice-Chair
Kim Benner
Kimberly M. Burgner
Sarah Bush
Chad Coulter
Freddy Creekmore
J. Russell May
Linda A. Nelson
Matthew Strum
Paul M. Szumita
Catherine D. Johnson, Council on Therapeutics Liaison
Jill S. Bates, Executive Committee Liaison
Barbara B. Nussbaum, Educational Services
Angela Raval, Section Director

ASHP Section of Ambulatory Care Practitioners
Tracy A. Martinez, Chair
Melody Hartzler, Vice-Chair
Jenny A. Van Amburgh
Jennifer Buxton
Juliana Chan
Jennifer L. Clemente
Lindsey Elmore
Amy Henneman
David Hoand
Kristi Kelley
Jeannie K. Lee
Kristy H. Lucas
Lisa M. Lundquist
Adraine L. Lyles
Nga Pham
Gina J. Ryan
Anne Teichman
Fei Wang
Pamela Stamm, Executive Committee Liaison
Barbara B. Nussbaum, Educational Services
Justine Coffey, Section Director

ASHP Section of Pharmacy Informatics and Technology
Armen Simonian, Chair
Laura Tyndall, Vice-Chair
Anne M. Bobb
Alan Chung
Kelly Duarte
Patricia E. Grunwald
Susan M. Kleppin
John Manzo
Anne Teichman
Michael D. Schlesselman, Executive Committee Liaison

Michelle Abalos, Educational Services
Karl Gumpper, Section Director

ASHP Section of Inpatient Care Practitioners
Wes C. Pitts, Chair
Jacqueline Olin, Vice-Chair
Terri Albarano
Michael J. Cawley
Lori C. Dupree
Susan Flaker
Shishir Gupta
Trisha LaPointe
Tyrone Lin
Darlette G. Luke
Richard Pacitti
Susan Skledar
Linda M. Spooner
Sarah S. Stephens
Lori Tsukiji
Lois F. Parker, Executive Committee Liaison
Michelle Abalos, Educational Services
Pamela Hsieh, AJHP

ASHP Section of Pharmacy Practice Managers
Rebecca A. Taylor, Chair

Rabiah Dys, Vice-Chair
Thomas E. Kirschling, Immediate Past Chair
John A. Armitstead
Doina Dumintru
Matthew Eberts
Ryan Forrey
Roy Guharoy
Nishaminy Kasbekar
John D. Pastor III
Bob Ripley
Michael F. Powell, Executive Committee Liaison
Barbara Nussbaum, Educational Services
David Chen, Section Director

Federal Forum Planning Committee
William M. (Mike) Heath, Colonel (Re)
Commander Aaron Middlekauff
Louise E. Cobuzzi
Lieutenant Commander Kendall Van Tyle
Lieutenant Colonel Kevin W. Roberts
Lieutenant Commander John E. Watts, IV

SPECIAL ACKNOWLEDGEMENTS
ASHP would like to thank these organizations for their assistance in planning educational sessions:

- Accreditation Council for Pharmacy Education
  - ACPE Update 2013

- American Association of Colleges of Pharmacy
  - Starting a Successful Career in Academic Pharmacy
  - Clinical Specialists and Practitioners- Is Informatics a Necessary Skill or a Specialty?
  - Shining Some Light on Precepting in the 21st Century

- American Institute of the History of Pharmacy and The University of Michigan Health System and College of Pharmacy, Latiolais Leadership Program at the Ohio State University College of Pharmacy
  - Change in Pharmacy Practice: Does It Just Happen or Can It Be Planned? Lessons from the “Mirror to Hospital Pharmacy”
  - American Society of Transplantation and Society of Infectious Diseases Pharmacists
  - Management of Hepatitis C Post-Transplantation: Focus on Interferon and Protease Inhibitors

- American Society for Parenteral and Enteral Nutrition
  - Clinical Applications of the 2013 ASPEN Parenteral Nutrition Safety Consensus Recommendations

- College of Psychiatric and Neurologic Pharmacists
  - Rational or Irrational: Polypharmacy in Psychiatry

- Food and Drug Administration
  - FDA Update 2013: Initiatives and Resources Impacting Today’s Practice

- Hematology/Oncology Pharmacy Association and the American College of Clinical Pharmacy
  - Oncology Pharmacy Specialty Sessions 2013: Advanced Topics in Practice, Parts 1 & 2

- Institute for Safe Medication Practices
  - Improving Medication Safety: A National Perspective from ISMP
  - Just Culture 101: A Primer

- Pediatric Pharmacy Advocacy Group
  - Controversies in Neonatal Respiratory Management
  - Changing the Care for Pediatric Patients: Updates on Short Gut Syndrome, Juvenile Arthritis, and Ulcerative Colitis/ Crohn’s

- Pharmacy Technician Certification Board
  - Pharmacy Technicians: Helping to Reduce Readmissions

- PPMI Joint Coordination Committee
  - Practice Innovations: Strategies Worth Sharing

- Society of Infectious Diseases Pharmacists
  - Applying the Basics of Antinfective Resistance to Clinical Practice

- The Joint Commission/Joint Commission Resources
  - The Joint Commission Update for 2014
acknowledgements

The Midyear 2013 Session Proposal, Poster, and Management Case Study Reviewers

Wilfred Acholonu
Karen Adwan
Glen Albracht
Rozmin Alrabaia
Autumn Alvarez
Leena Amine
Kirk Anderson
Michael Andreski
Kevin Anger
Alison Apple
Varintorn Aramvareekul
Mary Archambault
Nathan Ash
Ramadas Balasubramanian
Paul Barrett
Sylvia B. Bartel
Megan Bauer
Judith Beizer
Kimberly Bell
Kim Bonner
Susan Bex
Marianne Billeret
Molly Leber Billstein
Donna Bingham
Melissa Blair
Lynn Boecler
Amy Boldt
Jennifer Bolduc
Sara Bork
Heidi Bragg
Janet Bramell
Michael Brenner
Bonnie Brown
Tim Brown
Phil Brummond
Beth Bryant
Jessie Burch
Lakesha Butler
Adriana Cabrera
Rita Case
Theresa Catalano-Christou
Juliana Chan
Rachel Chandra
Jack Chen
Rosa Cheung
Christine Clark
Toby Clark
Mary Petrea Cober
Charlie W. Colquitt
Jill Comeau
Jessica Cottreau
Alexis Crawford
Steven Crosby
Brian Cryder
Monica Cyr
Gary L. Dalin
Michele Danish
Anita Daryanani
George Davis
Mirella DeRango
Bethany DiPaula
Paul Dobesh
Doina Doina
Ernest Dole
Ashley Donato
Heather Draper
Jennifer D’Souza
Susan Duquaine
Janelle Duran
Steven Dzierba
Kim Edmond-Rogers
Susan Edwards
Lea Elhend
Maquy El Hajj
Thomas Ellington
William Elliott
Tracy Fang
John Fanikos
Megan Farraj
Kate Farthing
Deanna Fernandes
Jeffrey Fish
Katrina Flowers-Choate
Michelle Fratley
Maisha Freeman
Bradi Frei
Carla Frye
Julie Fusco
Peter Gal
Christine Gegeckas
Teresa Geide
Brett Geiger
Barbara Giaconelli
Jennifer Girotto
Miki Goldwire
Susan Goodin
Justine Gortney
Maisha Greene
Matthew Haas
David Hager
Jessica Hall
Mark Hall
Elizabeth Hamilton
Dorothy L. Hancock
Angela Haskell
Margaret Heger
Bradley Hein
Christy Henry
Chris Herndon
Stephen Hetney
Lisa Heuser
Constance Hogrefe
Julie Holstad
Brian Holtebeck
Charlene Hope
Antoun Houranieh
Jane Hughes
Samantha P. Jellinek-Cohen
Douglas Jennings
Paul Jensen
Meredith Jernigan
Tania John
Thomas Johnson
Jenniffer Jones
Frances M. Jordan
Milica Jovic
Wissam Kabbara
Abir (Abby) A. Kahaleh
Abir Kanaan
Annie Kannankeril
Seema Kapadia
Beth Keeney
Michael Kendraich
Patricia C. Kienle
Polly Kintzel
Bonnie Kirschenbaum
Mark Klang
Daniel Knight
Susannah Koontz
Marijo Kraisinger
Trisha LaPointe
Janel Larew
Rodna Larson
Brian D. Latham
Chester Lau
Bonnie Levin
Robert Levin
Juliana Logan
Patricia Louzon
Edward Lozano
Anna Lubarsky
Richard Lufkin
Mary Mably
Leslie Mackiak
Simi Madhiwala
Anne Mahoney
Deborah Maka
Mark Malesker
Mary Manning
Jeannell Mansur
Taranunn Mansuri
Pamela Marble
Joel Mars
Cynthia Mascarenas
Huzefa Master
Ali McBride
Katie McClendon
Shannon Mentor
Christina Michalek
Michelle Michelle
Eryn Milius
Sarah Miller
Deborah Minor
Sarah Minor
Samir Mody
Anna Morin
Robert Moura
Lee Murdaua
John Murphy
Lynsey Neighbors
Huynh Nga
Yen Nguyen
Elleen J. Nickel
Bob S. Oakley
Bernie Olin
Jessica O’Neill
Carol Ott
Crystal Owens
Sharon K. Park
Zoon H. Park
Steven Pass
Asad Panthalwa
Hina Patel
Mansi Patel
Stephen Pawloski
Jennifer Petrie
Barbara J. Petroff
Jennifer Phillips
Laura Phillips
Marjorie Phillips
Nathan Pinner
Radhika Pispati
Claudia Rakman
John Redwanski
Michael Reed
Jeffrey Reitz
Melinda Robbins
John Roefaro
Melody Ryan
Deborah Sain
Cynthia Sanoski
Joseph Saseen
Jean Scholtz
Terry Schwinghammer
Nicole Scovis
Rajkumar Sevak
Amy Seybert
Valerie Sheehan
Harminder Sikand
Susan J. Skledar
Karen Smith
Maureen Smythe
Denise Sokos
Clyde E. Spence
Douglas St. John
Aaron Steffenhagen
Michael Steinberg
Raymond J. Strong
Janine Then
David Tomich
Suzanne Turner
Linda Tyler
Ann Ungerman
Laura Wachter
Paul C. Walker
David Warner
Rebecca White
Sheila Wilhelm
Kristine Willett
Joshua Williams
Nancy Williams
Crystal Wink
Jamie Winner
Jennifer Wisniewski
Paul Wong
Jameson Wood
Jennifer Wood
Barbara J. Petroff
William R. Wuller
Avi Yaldo
Daisy Yang
Kristie Zappas
Rony Zeenny
Sponsors and Partners
ASHP would like to extend a special thanks to the following:

Sponsors

Sponsoring Aisle Signs and Z-Card

Forest Pharmaceuticals, Inc.
Subsidiary of Forest Laboratories, Inc.

Sponsoring Meeting Registration Bags

Omnicell

Sponsoring Meeting Lanyards

FRESENIUS KABI

Sponsoring Hotel Keys

Sponsoring Escalator Clings, Network Connections, Recharging Stations, Water Bottles and Stations, and WiFi Access

Sponsoring Column Wraps

Sponsoring Onsite Program Guide Meeting & Activities Planner

BD Rx

Sponsoring Shuttle Service and the Mobile Midyear App

Lilly

Hospira

Partners

Visit Orlando

ANAHEIM ORANGE COUNTY VISITOR & CONVENTION BUREAU

It’s NEW ORLEANS
You’re different here.

MANDALAY BAY
Resort & Casino • Las Vegas
Michelle Abalos, Director, Educational Programs, Educational Services
Paul Abramowit, Chief Executive Officer, Executive Office
Mirela Almonte, Exhibition Coordinator, Conference and Convention Division
Chris Baker, Director, Information Management and Reporting, Information Systems Technology
Bona Benjamin, Director, Medication-Use Quality Improvement, Practice Development
Colette Bevis, Manager, Learning Management System, Resources Development
Christine Beyers, Database Administrator, Information Systems Technology
Kathleen Biesecker, Director, Communications, Public Relations
Beverly Black, Director, Affiliate Relations
Ruth Bloom, Editorial Project Manager, Books and eLearning, Acquisitions and Special Publishing
Michelle Bonnarens, Senior Director, Program Development, Resources Development
Tyricia Bradley, Manager, Educational Programs, Educational Services
Carla Brink, Director, Scientific Projects, Resources Development
Jack Bruggeman, Director, Acquisitions and Special Publishing
Fran Byrnes, Director, Conference and Convention Division
Kimberly Cackowski, Project Manager, Resources Development
Maria Carias, Membership Program Manager, Member Relations
David Chen, Director, Pharmacy Practice Sections
Justine Coffey, Director, Section of Ambulatory Care Practitioners, Pharmacy Practice Sections
Robin Coleman, Acquisitions Editor, Acquisitions and Special Publishing
Jessica Cremer, Meetings Manager, Conference and Convention Division
Chap Cronquist, Senior Training Manager, Information Systems Technology
Karin Cushman, Director, Meetings and Education Marketing, Marketing and Sales
Diana Dabdub, Director, Pharmacy Student Forum, Member Relations
Dave Edwards, Vice President and Chief Financial Officer, Finance Office
Brian Esuchanko, Senior Manager, Educational Programs, Educational Services
Dayna Evans, Director of Exhibits and Sponsorships, Conference and Convention Division
Katrin Fulginiti, Accreditation Services Associate, Accreditation Services
Bryce Gaylor, Web Developer, Information Systems Technology
Rachel Gellman, Marketing Manager, Special Publications, Marketing and Sales
Nicholas Gentile, Director, State Grassroots Advocacy and Political Action, Government Affairs
David Gersham, Director, Industry Relations, Marketing and Sales
Vanessa Gripper, Education Project Assistant, Educational Services
Karl Gumpper, Director, Section of Pharmacy Informatics and Technology, Pharmacy Practice Sections
Aretha Hankinson, Director, Advocacy Communications, Public Relations
Ken Harding, Manager, Operations, Resources Development
JoAnn Stacy Harris, Director, Educational Services
Betty Hartnett, Controller, Financial Management
Guy Hasegawa, Senior Editor, Manuscript Development, American Journal of Health-System Pharmacy
Jill Haug, Director, Forums, Member Relations
Bruce Hawkins, Editorial Director, Practice Standards
Joseph Hill, Assistant Director, Government Affairs; and Director, Federal Legislative Affairs
Kristi Hofer, Director, Scientific Projects, Resources Development
Cheryl Imirie, Director, Executive Office
Jameka Ingram, Project Manager, Executive Office
Rebekah Jastremski, Marketing Manager, Membership, Marketing and Sales
Lori Justice, Associate Editor, Manuscript Development, American Journal of Health-System Pharmacy
Louise Kelley, Director, Operations
Catherine Klein, Director, Education Development and Outcomes, Resources Development
Chuck Lebioda, Customer Relations Management Manager, Information Systems Technology
Linda Leishe, Director, LAN/Desktop Services, Information Systems Technology
Lisa Lifshin, Director Program Services and Coordinator, Technician Program Development, Accreditation Services
Lisa (Mihalik) Lucas, Manager, Educational Programs, Educational Services
Louise Maitland, Manager, Technology Communications, Educational Services
Dean Manke, Vice President, Marketing and Sales
Randy Manos, Manager, CareerPharm, American Journal of Health-System Pharmacy
Shana Martin, Marketing Manager, Resources Development
Diane McCleskey, Director, e-Learning and Logistics, Resources Development
Gerald McEvoy, Assistant Vice President, Drug Information; and Editor-in-Chief, AHFS Drug Info,
Shekar Mehta, Director, Clinical Guidelines and Quality Improvement, Practice Development
FREE Wi-Fi
Available in all meeting rooms and public concourse areas. Select the network ASHP on your device and use password Midyear13. (Please limit usage to 20 minutes)

Brian Meyer, Director, Government Affairs
Jocelyn Milford, Public Relations Assistant, Public Relations
Carlye Miller, Research Assistant, Marketing and Sales
Edward Millikan, Director, Product Development and Maintenance eHealth Solutions, Publications and Drug Information Systems
Maryam Mohassel, Managing Editor, Manuscript Development, American Journal of Health-System Pharmacy
Lilliana Morales, Project Manager, Certification Development, Resources Development
Bruce Nelson, Operations Director, Accreditation Services
Steven Nelson, Director, Center on Pharmacy Practice Advancement, Executive Office
Barbara Nussbaum, Director, Adult Learning and Education, Educational Services
Ericka Ochoa, Member Relations
Sandra Oh Clarke, Senior Director, Certification Development, Resources Development
Kevin Parker, Director, Web Development, Information Systems Technology
Warren Parris, Senior Administrative Assistant, General Counsel Office
Giovana Peroni, Assistant Manager, Meetings, Conference and Convention Division
Brad Pierson, Director, CareerPharm, Publications and Drug Information Systems Office
Angela Raval, Director, Section of Clinical Specialists and Scientists, Pharmacy Practice Sections
Verna Reed, Director, Customer Relations/Customer Service, Information Systems Technology
Cynthia Reilly, Director, Practice Development
Andrea Roberson, Accreditation Services Associate, Accreditation Services
Martha Russell, Senior Director, Project Management, Resources Development
Navili Sandoval, Staff Accountant, Financial Management
Douglas Scheckelhoff, Vice President, Professional Development
Naomi Schultheis, Director, Standards Development and Training, Accreditation Services
Jeffery Shick, Senior Director, eHealth Solutions, Publications and Drug Information Systems

Haiming Shih, Help Desk/System Analyst, Information Systems Technology
Janet Silvester, Vice President, Accreditation Services
Jack Spencer, Chief Information Officer and Vice President, Operations and Technology Office
Desiree’ Steele, Administrative Assistant, Conference and Convention Division
Akilah Strawder, Accreditation Services Associate, Accreditation Services
Richard Talley, Assistant Vice President, Pharmacy Publishing; and Editor-in-Chief, American Journal of Health-System Pharmacy,
Janet Teeters, Director, Accreditation Services
Erika Thomas, Senior Director, Scientific Projects and CE Liaison, Resources Development
Cheryl Thompson, Director, News Center, Publications and Drug Information Systems
Kasey Thompson, Vice President, Policy, Planning and Communication
Paula Tiedemann, Assistant General Counsel
Christopher Topoleski, Director, Federal Regulatory Affairs, Government Affairs
Kate Traynor, News Writer, News Center, Publications and Drug Information Systems
Michelle Tyler, Manager, Exhibits and Affiliate Events, Conference and Convention Division
Hannah Vanderpool, Vice President, Member Relations
Terry Wang, Senior Programmer Analyst, eHealth Solutions, Publications and Drug Information Systems Office
Julie Webb, Vice President, Resources Development
Ellen Wilcox, Director, Public Relations
David Witmer, Senior Vice President/Chief Operating Officer, Executive Office
Carol Wolfe, Vice President, Publications and Drug Information Systems
Vickie Yarborough, Project Manager, Resources Development
Barbara Young, Editor, AHFS Consumer Medication Information, American Hospital Formulary Service Drug Information
Fern Zappala, Vice President, General Counsel and Chief Compliance Officer, Executive Office
Cheri Zollicoffer, Education Project Assistant, Educational Services
Dana Zook, Assistant Director, Program Development, Resources Development

ASHP Research and Education Foundation

Stephen Allen, Executive Vice President and Chief Executive Officer, ASHP Research and Education Foundation
Daniel Cobaugh, Vice President, ASHP Research and Education Foundation
Bethany Coulter, Director, Communications and Donor Relations, ASHP Research and Education Foundation
Brandi Goswick, Senior Program Coordinator, ASHP Research and Education Foundation
Myrna Petersen, Director of Development, ASHP Research and Education Foundation
Richard Walling, Director, Center for Health-System Pharmacy Leadership, ASHP Research and Education Foundation
**PRESENTER INDEX**

**Presenter Index and Disclosure Listing**

ASHP requires all presenters, Program Chairs, and planning committee members to disclose relevant financial relationships. Any conflicts of interest are resolved prior to an individual’s participation is confirmed. None of the presenters listed below have anything to disclose except where noted.

| A | Timothy Aungst, PharmD, Assistant Professor of Pharmacy Practice, MCPHS University, Worcester, MA ............................ 77 Disclosure – Employee: iMedicalApps LLC |
| B | Rose Babbitt, RPh, Vice President, Federal Contracts and Grants, Health Resources and Services Administration, Washington, DC .............................................................................. 35 |

| | Nicole M. Acquisto, PharmD, Emergency Medicine Clinical Pharmacy Specialist, University of Rochester Medical Center, Rochester, NY ........................................................................ 86 |
| | Earnest Alexander, PharmD, FCCM, Assistant Director, Clinical Pharmacy Services, Tampa General Hospital, Tampa, FL .......... 78 |
| | Patricia Adamski, RN, MS, MBA, FACHE, Director, Standards Interpretation Group, The Joint Commission, Oakbrook Terrace, IL ........................................................................ 84 |
| | Terri Albarano, PharmD, MS, Clinical Marketing Manager, Baxter Healthcare Corporation, Round Lake, IL ...................... 72, 78 |
| | Dena Alioto, RPh, Director of Compliance, Massachusetts General Hospital, Boston .................................................. 59 |
| | Benjamin Anderson, PharmD, MPH, Configuration Analyst, HealthEast Care System, Saint Paul, MN .............................. 67 |
| | Claire Anderson, PhD, Professor of Social Pharmacy, University of Nottingham, Nottingham, United Kingdom ........ 63 |
| | Sarah L. Anderson, PharmD, BCPS, Assistant Professor, University of Colorado Skaggs School of Pharmacy & Pharmaceutical Sciences, Aurora, CO .................................................. 42 |
| | Mary A. Andrawis, PharmD, MPH, Field Director, Centers for Medicare & Medicaid Services (CMS), Baltimore, MD ........ 62 |
| | Kevin E. Anger, PharmD, BCPS, Clinical Pharmacy Specialist Critical Care, Brigham and Women’s Hospital, Boston, MA .............................................................................. 65, 73 |
| | Emily Armstrong, PharmD, BCACP, Clinical Assistant Professor, Auburn University Harrison School of Pharmacy, Mobile, AL ................................................................................ 67 |
| | Renee Arnold, PharmD, RPh, President & CEO, Arnold Consultancy & Technology LLC, New York, NY .............................. 85 Disclosure – President and CEO: Arnold Consultancy & Technology LLC |
| | Nadia I. Awad, PharmD, Clinical Assistant Professor, Ernest Mario School of Pharmacy at Rutgers, The State University of New Jersey, Piscataway, NJ ........................................ 79 |
| | Phil Ayers, PharmD, BCNSP, FASHP, Chief, Clinical Pharmacy Services, Mississippi Baptist Medical Center, Jackson .......... 79 Disclosure – Board Member: American Society for Parenteral and Enteral Nutrition |
| | Rose Babbitt, RPh, Vice President, Federal Contracts and Grants, Health Resources and Services Administration, Washington, DC .............................................................................. 35 |
| | Stephanie N. Baker, PharmD, BCPS, Emergency Medicine Clinical Pharmacy Specialist, University of Kentucky HealthCare, Lexington ........................................................................ 66, 79 |
| | Ramadas Balasubramanian, PharmD, Ph.D., Pharmacy Clinical Coordinator, Carolinas Healthcare System, Charlotte, NC ...... 83 |
| | Justin M. Balko, PharmD, PhD, Research Assistant Professor, Vanderbilt University, Nashville, TN .................................... 60 Disclosure – Board Member: TrackFive Diagnostics |
| | Jeffrey F. Barletta, PharmD, FCCM, Associate Professor and Vice Chair, Midwestern University, College of Pharmacy-Glendale, Glendale, AZ ................................................................. 41 |
| | Alonzo Barnes, Financial Advisor, New England Financial, Tampa, FL .............................................................................. 59 |
| | Patrick Barnes, RPh, Pharmacy Manager, UF Health, Jacksonville, Jacksonville, FL ....................................................... 35, 62 |
| | Becky Barr, PharmD, Telepharmacy Operations Manager, Envision Telepharmacy, Alpine, TX ................................................. 48 |
| | Jill S. Bates, PharmD, BCOP, Clinical Pharmacy Specialist in Hematology/Oncology, UNC Hospitals, Chapel Hill, NC .......... 73 |
| | Seth Bauer, PharmD, Medical ICU Clinical Specialist, Cleveland Clinic, Cleveland, OH ...................................................... 42, 61 |
| | Robert S. Beardsley, RPh, PhD, Professor, University of Maryland School of Pharmacy, Baltimore ...................................... 60 |
| | Robert D. Beckett, PharmD, BCPS, Assistant Professor of Pharmacy Practice, Manchester University College of Pharmacy, Fort Wayne, IN ................................................................. 40, 67 |
| | Chris Bell, MS, PharmD, Manager - Inpatient Operations, University of Kansas Hospital, Kansas City, KS ......................... 80 |
presenter index

Angela T. Cassano, PharmD, BCPS, FASHP, President, Pharmfusion Consulting, LLC, Midlothian, VA............... 69
 Disclosure – Consultant: ASHP, APHA, PTCB

Nelson Castro, MBA, CLU, Managing Associate, New England Financial, Tampa, FL................................. 59

David A. Cecere, MBA, PharmD, System Director, Pharmaceutical Supply Chain, West Penn Allegheny Health System, Pittsburgh, PA.................................................. 72, 78

Jeffrey R. Chalmers, PharmD, Manager, Pharmacy Informatics, Cleveland Clinic Health System, Cleveland, OH........ 69, 83

Kathy Chase, PharmD, Director, Cardinal Health, Prairie Village, KS................................................................. 75, 85
 Disclosure – Employee: Cardinal Health

Katherine H. Chessman, PharmD, BCPS, BCNSP, Professor, South Carolina College of Pharmacy - MUSC Campus, Charleston................................................................. 75

Lindsey M. Childs, PharmD, MPH, BCPS, Hepatology Pharmacist, Bay Pines VA Healthcare System, Bay Pines, FL........ 64

Kimberly W. Chiu, PharmD, Consumer Safety Officer, U.S. Food and Drug Administration, Silver Spring, MD........ 64, 65, 67

Kavish Choudhary, PharmD, MS, Senior Director, Inpatient & Infusion Pharmacy Services, University of Utah Hospitals & Clinics, Salt Lake City, UT .................................................. 76

Margaret Chrymko, PharmD, Clinical Pharmacy Specialist, Veterans Affairs Medical Center, Erie, PA.................. 34

John S. Clark, PharmD, MS, FASHP, Director of Pharmacy, University of Michigan, Ann Arbor, MI..................... 39, 75

Jennifer Clemente, PharmD, BCPS, Clinical Pharmacy Specialist, John D. Dingell VA Medical Center, Detroit, MI...... 62

Daniel Cobbaugh, PharmD, FAACST, Vice President of ASHP Research & Education Foundation, ASHP Research & Education Foundation, Bethesda, MD................................. 65

Henry Cohen, PharmD, FCCM, Professor of Pharmacy Practice, Long Island University, Brooklyn, NY.................... 82

Howard Cohen, MS, RPh, FASHP, President, Safe Medication Management Associates Inc., East Greenwich, RI..... 59
 Disclosure – Employee: Safe Medication Management Associates

Lawrence J. Cohen, PharmD, BCPP, FCCP, FCP, FASHP, Professor & Associate Dean for Clinical Programs, University of North Texas System College of Pharmacy, Fort Worth........ 34, 71
 Disclosure – Speakers Bureau: Otsuka; Consultant: Sonovion

Robin Coleman, Acquisitions Editor, American Society of Health-System Pharmacists, Bethesda, MD.................. 58

Kevin J. Colgan, MA, FASHP, Corporate Director of Pharmacy, Rush University Medical Center, Chicago, IL........ 59, 71

Curtis D. Collins, PharmD, MS, FASHP, Clinical Pharmacy Specialist, St. Joseph Mercy Health System, Ann Arbor, MI ... 65

Wayne Conrad, PharmD, FASHP, Professor Emeritus, University of Cincinnati, Cincinnati, OH........................ 34

Janet Cooper, BScPharm, ACPR, Senior Director, Professional & Membership Affairs, Canadian Pharmacists Association, Ottawa, Ontario, Canada................................. 63

Zlatan Coralic, PharmD, Emergency Department Clinical Pharmacist, University of California San Francisco, San Francisco ... 79

Gayle Cotchen, PharmD, MBA, Lead Pharmacist, Magee-Womens Hospital of UPMC, Pittsburgh, PA..................... 62

Chad Coulter, PharmD, Assistant Professor, Sullivan University College of Pharmacy, Louisville.......................... 63

Debra L. Cowan, PharmD, FASHP, Director of Pharmacy, Angel Medical Center, Franklin, NC.......................... 49

Craig D. Cox, PharmD, BCPS, Associate Professor, Pharmacy Practice and Vice Chair, Experiential Programs, Texas Tech University Health Sciences Center School of Pharmacy, Lubbock... 61

D

William E. Dager, PharmD, BCPS, FASHP, Pharmacist Specialist, University of California Davis Medical Center, Sacramento ... 70, 76

Alia Daghstani, PharmD, BCPS, Clinical Specialist, Critical Care, Cleveland Clinic - Fairview, Cleveland, OH.............. 84

Lindsay Davis, PharmD, BCPS, Assistant Professor, Midwestern University College of Pharmacy - Glendale, Glendale, AZ... 82

Stephen J. Davis, PharmD, MS, Pharmacy Manager, Texas Children’s Hospital, Houston, TX................................. 39

Lindsay Davison, PharmD, Health Promotion Officer, Food and Drug Administration, Silver Spring, MD.................. 40, 65

Michael DeCoske, PharmD, Associate Chief Pharmacy Officer, Duke University Hospital, Durham, NC.................... 39

Dan Degnan, PharmD, MS, Senior Project Manager, Purdue University, Indianapolis, IN................................. 62

Jeremy DeGrado, PharmD, BCPS, Clinical Pharmacy Specialist, Critical Care, Brigham and Women’s Hospital, Boston, MA................................................................. 42, 61, 65

James E. DeMuth, PhD, Professor, School of Pharmacy, University of Wisconsin, Madison.............................. 35

Teresa DePeralta, MSN, NP-C, Transitional Care Coordinator, Robert Wood Johnson University Hospital, New Brunswick, NJ................................................................. 63

David L. DeRemer, PharmD, BCOP, Clinical Associate Professor, University of Georgia, Augusta.......................... 68
 Disclosure – Speakers Bureau: Merck

Grishma Desai, PharmD, BCPS, Clinical Pharmacy Specialist, Baptist Memorial Health Care, Memphis, TN............... 66

John W. Devlin, PharmD, FCCM, Professor of Pharmacy, Northeastern University, Boston, MA............................... 80
 Disclosure – Research Grant Recipient: Hospira Pharmaceuticals

Natalie A. DiPietro, PharmD, MPH, Associate Professor of Pharmacy Practice, Ohio Northern University Raabe College of Pharmacy, Ada...................................................... 67

Patrick Divoky, Fourth Year Doctor of Pharmacy Candidate, NEOMED, Rootstown, OH....................................... 48

Paul Dobesh, PharmD, BCPS, Associate Professor of Pharmacy Practice, University of Nebraska Medical Center College of Pharmacy, Omaha, NE................................. 76
 Disclosure – Consultant: Janssen Pharmaceuticals, Pfizer, AstraZeneca; Research Grant Recipient: Daiichi Sankyo;
Research Grant Recipient: AstraZeneca
Ernest J. Dole, PharmD, Clinical Pharmacist, University of New Mexico Hospitals, Albuquerque............... 40, 65, 69
Disclosure – Speakers Bureau: Millennium Labs

Sondra A. Donald, PharmD, Director of Pharmacy, Boone County Hospital, Boone, IA ................................................................. 49
Disclosure – Employee: Cardinal Health

Michael Dorsch, PharmD, MS, Clinical Pharmacist, Cardiology, University of Michigan, Ann Arbor............... 73

Eleni Drake, PharmD, Pharmacy Operations Manager, Indiana University Health Methodist Hospital, Indianapolis, IN ........ 83

Jeremiah J. Duby, PharmD, BCPS, Senior Critical Care Pharmacist, U.C. Davis Medical Center, Sacramento, CA .... 80

Doina Dumitru, PharmD, MBA, Director of Pharmacy, Memorial Hermann, The Woodlands, TX ................................. 66

Matthew W. Eberts, PharmD, MBA, Director of Pharmacy, West Penn Allegheny Health System, Pittsburgh, PA ...... 48, 71

Stephen Eckel, PharmD, MHA, FASHP, Clinical Associate Professor, University of North Carolina Eshelman School of Pharmacy, Chapel Hill .................................................. 86

Laurie Eckert, RPh, Pharmacist, Robert Wood Johnson University Hospital, New Brunswick, NJ ....................... 63

Christopher J. Edwards, PharmD, BCPS, Clinical Pharmacy Specialist, University of Arizona Medical Center, Tucson ...... 80

Krystal L. Edwards, PharmD, BCPS, Associate Professor, Texas Tech School of Pharmacy, Dallas ........................................ 73

Edward H. Eiland, PharmD, MBA, FASHP, Clinical Practice and Business Supervisor, Huntsville Hospital, Huntsville, AL. 77

Lindsey Elmore, PharmD, Assistant Professor of Pharmacy Practice, Samford University, Birmingham, AL ............. 85

Dale E. English, II, BSPharm, PharmD, FASHP, Director, Instructional Labs & Professional Relations, Associate Professor of Pharmacy Practice, Associate Professor of Pharmaceutical Sciences, Northeast Ohio Medical University, Rootstown........ 48

Matt Erick, RPh, President, Mylan Institutional, Morgantown, WV .............................................................. 78

Brian L. Erstad, PharmD, FASHP, Professor and Head, University of Arizona College of Pharmacy, Tucson........... 40, 41, 66, 76

Lynn Eschenbacher, PharmD, MBA, FASHP, Assistant Director Clinical Services, WakeMed Health & Hospitals, Raleigh, NC ............................................................................... 78

Maren Everton, RPh, Sr. Director, Leidos, Park City, UT ...... 67

Elizabeth A. Farrington, PharmD, BCPS, Pharmacist III - Pediatrics, New Hanover Regional Medical Center, Wilmington, NC ...... 75

Kate Farthing, PharmD, BCPS, FASHP, Clinical Coordinator, Legacy Health, Portland, OR ............................................. 34

Jennifer R. Fiebert, PharmD, BCPS, GCP, Clinical Pharmacy Coordinator, Glen Cove Hospital, Glen Cove, NY .............. 62

Susan M. Flaker, PharmD, Supervisor of Pharmacy, Barnes Jewish Hospital, St. Louis, MO ............................................. 48

Joshua W. Fleming, PharmD, BCACP, Clinical Assistant Professor, University of Mississippi School of Pharmacy, Jackson ........... 40

Allison A. Forni, PharmD, BCPS, Clinical Pharmacy Specialist, UMass Memorial Medical Center, Worcester, MA .......... 42, 61

Ryan A. Forrey, PharmD, MS, Associate Director, Pharmacy and Infusion Services, The Ohio State University James Cancer Hospital, Columbus ............................................. 65, 66, 85

Tom Frank, PharmD, Director of Research and Education, University of Arkansas for Medical Sciences, Jonesboro, AR .... 87

Gilles L. Fraser, PharmD, FCCM, Professor of Medicine, Critical Care, Tufts, Maine Medical Center, Portland, ME ...... 80

Matthew P. Fricker, RPh, MS, FASHP, Program Director, Institute for Safe Medication Practices, Horsham, PA .......... 49

Michelle Fritsch, PharmD, BCACP, Professor and Chair, Notre Dame of Maryland University School of Pharmacy, Baltimore ............................................................. 74

Jeff Fudin, PharmD, FCCP, Clinical Pharmacy Specialist, Pain Management, Stratton VA Medical Center, Albany, NY .... 69

Disclosure – Speakers Bureau: Cadence Pharmaceuticals, Cumberland Pharmaceuticals, Janssen Pharmaceutica, Purdue Pharma, Millennium Labs; Consultant: Practical Pain Management

Steven Gabardi, PharmD, BCPS, Abdominal Organ Transplant Clinical Specialist, Brigham and Women’s Hospital, Boston, MA .............................................................................. 72

Peter Gal, PharmD, BCPS, FASHP, Director, Graduate Pharmacy Education, Greensboro AHEC, Cone Health, Greensboro, NC .................................................................................. 66

Jason C. Gallagher, PharmD, BCPS, Associate Professor, Temple University, Philadelphia, PA ........................................ 41, 64
Disclosure – Speakers Bureau: Forest, Optimer, Pfizer; Consultant: Optimer; Research Grant Recipient: Merck

Michael Ganio, PharmD, Clinical Applications Pharmacist, The Ohio State University James Cancer Hospital, Columbus ...... 83

Stephanie F. Gardner, PharmD, EdD, Dean, University of Arkansas for Medical Sciences College of Pharmacy, Little Rock ........ 60

Kevin W. Garey, PharmD, MS, FASHP, Professor and Chair, University of Houston College of Pharmacy, Houston, TX ..... 83
Disclosure – Research Grant Recipient: Astellas, Cubist

Candice Garwood, PharmD, BCPS, Clinical Associate Professor, Wayne State University, Detroit, MI .................. 67

Lana Gerzenstein, PharmD, BCPS, Pharmacy Practice Coordinator, Northwestern Memorial Hospital, Chicago, IL .... 69

Barbara Giacomelli, PharmD, MBA, FASHP, Managing Consultant, McKesson Pharmacy Optimization, Vineland, NJ ........ 83
Disclosure – Consultant: McKesson
presenter index

Elizabeth Giesler, PharmD, PGY2 Emergency Medicine Pharmacy Resident, Detroit Receiving Hospital, Detroit, MI ............... 79

Diane B. Ginsburg, MS, RPh, FASHP, Clinical Professor & Assistant Dean for Student Affairs, The University of Texas at Austin College of Pharmacy, Austin ................................... 34

Jamie Glasgow, PharmD, Clinical Manager, Heart Hospital at Lovelace Medical Center, Albuquerque, NM ..................... 63

Jason Glowczewski, PharmD, MBA, Director of Pharmacy, Community Hospitals, University Hospitals, Cleveland, OH ...... 69

Angela Gohike, PharmD, PGY1 Pharmacy Practice Resident, Acute Care, Carl T. Hayden Phoenix VA Health Care System, Phoenix, AZ ................................................................. 59

Monica Golik Mahoney, PharmD, Clinical Pharmacy Coordinator, Infectious Diseases, Beth Israel Deaconess Medical Center, Boston, MA ............................................ 73, 77

Disclosure – Consultant: Cubist, Pharmaceuticals

Luis S. Gonzalez, III, PharmD, BCPS, Manager, Clinical Pharmacy Services, Conemaugh Memorial Medical Center, Johnstown, PA ......................................................... 70

Justine S. Gortney, PharmD, BCPS, Assistant Professor (Clinical), Wayne State University, Detroit, MI .......................... 82

William Greene, BS, PharmD, FASHP, Chief Pharmaceutical Officer, St. Jude Children’s Research Hospital, Memphis, TN... 78

Disclosure – Consultant: FDA Center for Drug Evaluation & Research, Office of Surveillance & Epidemiology, Mitsui & Company

Brooke Griffin, PharmD, BCACP, Associate Professor of Pharmacy Practice, Midwestern University, Downers Grove, IL .......... 41

Matthew C. Grissinger, FISMP, FASCP, Director, Error Reporting Programs, Institute for Safe Medication Practices, Horsham, PA ................................................................. 67

Anthony Guarascio, PharmD, BCPS, Assistant Professor, University of Tennessee College of Pharmacy, Knoxville .......... 73

Roy K. Guharoy, PharmD, MBA, FASHP, Vice President, Chief Pharmacy Officer, Ascension Health, St. Louis, MO ............. 83

Alison M. Gulbis, PharmD, BCOP, Clinical Pharmacy Specialist, UT MD Anderson Cancer Center, Houston, TX ........... 72

Karen M. Gunning, PharmD, BCPS, Professor (Clinical) of Pharmacotherapy & Family and Preventive Medicine, University of Utah College of Pharmacy, Salt Lake City .......... 61

Shishir Gupta, PharmD, MSBA, Clinical Pharmacist, Department of Veterans Affairs, Iowa City, IA ............................. 80

Leigh W. Gurley, PharmD, Assistant Director of Clinical Services, Vidant Medical Center, Greenville, NC ....................... 69

H

David Hager, PharmD, BCPS, Pharmacy Coordinator, University of Wisconsin Hospitals and Clinics, Madison, WI .......... 72

Stuart T. Haines, PharmD, BCPS, FASHP, Professor and Vice Chair for Clinical Services, University of Maryland School of Pharmacy, Baltimore .................................................. 63

Melody L. Hartzler, PharmD, AE-C, Assistant Professor of Pharmacy Practice, Cedarville University School of Pharmacy, Cedarville, OH ......................................................... 87

Leza Hassett, RPh, MBA, Director of Pharmacy, Comprehensive Pharmacy Services, Memphis, TN ...................... 68

Christopher A. Hatwig, RPh, MS, FASHP, President, Apexus, Irving, TX ......................................................... 35, 62

Disclosure – Employee: Apexus

Deborah G. Hauser, RPh, MHA, Network Pharmacy Director, Einstein Healthcare Network, Philadelphia, PA ................... 69

Disclosure – Spouse: Merck stockholder

Bryan D. Hayes, PharmD, DABAT, Clinical Specialist, Emergency Medicine & Toxiology, University of Maryland Medical Center, Baltimore ..................................................... 79

Laura Hayn, PharmD, BCPS, Clinical Staff Pharmacist, Lehigh Valley Hospital, Allentown, PA ..................................... 75

Daniel Hays, PharmD, BCPS, FASHP, Clinical Coordinator, University of Arizona Health Network, Tucson .................... 79, 83

Amy Heck Sheehan, PharmD, Associate Professor of Pharmacy Practice, Purdue University, Indianapolis, IN ............. 40

Pieter Helmons, PharmD, MAS, Hospital Pharmacist, St. Jansdal Hospital, Harderwijk, The Netherlands ...................... 83

Joel A. Hennenfent, PharmD, MBA, FASHP, System Director of Pharmacy Services, Truman Medical Centers, Kansas City, MO ................................................................. 73

John B. Hertig, PharmD, MS, Associate Director, Purdue Center for Medication Safety Advancement, Indianapolis, IN .... 62, 67

Mary Ellen Hethcox, BS Pharm, PharmD, Assistant Professor of Pharmacy Practice and Director of Drug Information, Ohio Northern University, Ada .......................................... 73

Gregory Higby, PhD, Executive Director, American Institute of the History of Pharmacy, Madison, WI ............................. 70

Joseph Hill, MA, Director, Federal Legislative Affairs, American Society of Health-System Pharmacists, Bethesda, MD ...... 73

Wendy Hoebing, RPh, Director of Medication Information Management, Children’s Mercy Hospitals and Clinics, Kansas City, MO ................................................................. 81

Haley Holton, PharmD, BCPS, BCACP, Ambulatory Pharmacist Manager, Hennepin County Medical Center, Minneapolis, MN ................................................................. 61

Charlene Hope, PharmD, BCPS, Clinical Pharmacy Manager, Norwegian American Hospital, Chicago, IL ..................... 69

Lindsay Hovestreydt, PharmD, BCPS, Clinical Pharmacy Manager, New York Presbyterian, New York ............................. 82

Michael Hoving, MS, RPh, Director of Pharmacy, Cleveland Clinic - Fairview, Cleveland, OH ................................. 66, 84

Gregory J. Hughes, PharmD, BCPS, Assistant Clinical Professor, St. John’s University College of Pharmacy and Health Sciences, Queens, NY ............................................... 73

Marcia Hunt-Curran, PharmD, Clinical Pharmacist/Medication Safety Pharmacist, Union Hospital, Terre Haute, IN .......... 62

Kathryn Hurren, PharmD, BCACP, Clinical Pharmacy Specialist - Ambulatory Care, Veterans Affairs Ann Arbor Healthcare System, Ann Arbor, MI ........................................ 67

Angela G. Huskey, PharmD, CPE, Vice President Clinical Affairs, Millennium, San Diego ............................................. 40, 65

Disclosure – Employee: Millennium
Marcy Imada, Principal, Deloitte & Touche LLP, Los Angeles, CA.................................................................................................. 35, 62
Disclosure – Consultant: Deloitte & Touche LLP

Anthony Jarkowski, III, PharmD, BCOP, Clinical Pharmacy Specialist, University of Rochester Medical Center, Rochester, NY ........................................................................... 74

Daniel Jarrell, PharmD, BCPS, Pharmacist, University of Arizona Medical Center, Tucson ..................................................................... 79

Charles W. Jastram, PharmD, FASHP, Department Head, Pharmacy, St. Tammany Parish Hospital, Covington, LA..... 34

Sean Jeffery, PharmD, Clinical Professor, University of Connecticut, Storrs.................................................. 84

Meghan N. Jeffres, PharmD, Associate Professor of Pharmacy Practice, Roseman University of Health Sciences, Henderson, NV................................................................. 41

Heath Jennings, PharmD, Director of Pharmacy Services, Florida Hospital Orlando, Orlando, FL....................................................... 35

Cindy Jeter, CPhT, CPP, Supply Chain Management Consultant, McKesson Pharmacy Optimization, Springdale, AR ........... 56
Disclosure – Consultant: McKesson Health Systems

Thomas Johns, PharmD, BCPS, Assistant Director, Pharmacy Services, University of Florida Health, Gainesville.............. 49

Patrice Johnson, PharmD, Clinical Pharmacist Analyst, Children’s National Medical Center, Washington, DC ......... 67

Robert C. Jordin, RPh, Director Accreditation and Medication Safety, Cardinal Health Pharmacy Solutions, Houston, TX.... 62
Disclosure – Employee: Cardinal Health

Tiffany E. Kaiser, PharmD, Transplant Pharmacist and Associate Research Professor, University of Cincinnati, Cincinnati, OH .............................................................................. 77

Sandra L. Kane-Gill, PharmD, FCCP, Associate Professor, University of Pittsburgh, Pittsburgh, PA................................. 78

James A. Karbowski, PharmD, Clinical Professor, University of Texas at Austin, Austin .................................................... 34

Julie P. Karpinski, PharmD, BCPS, Medication Utilization Pharmacist, Froedtert Health, Milwaukee, WI.............................. 62

Todd Karpinski, PharmD, MS, FASHP, Executive Director of Pharmacy, Froedtert Hospital, Milwaukee, WI................... 35, 72

Nishaminy Kasbekar, BS, PharmD, FASHP, Director of Pharmacy, PENN Presbyterian Medical Center, Philadelphia, PA .... 85

Eric S. Kastango, MBA, BS Pharm, FASHP, President/CEO, Clinical IQ, LLC, Madison, NJ.................................................. 69, 70

Lindsey R. Kelley, PharmD, MS, Assistant Director of Pharmacy, Ambulatory Care Services, University of Michigan Health System, Ann Arbor, MI ...................................................... 39

Kim Kelly, PharmD, BCPS, Clinical Specialist, Central Harnett Hospital, Lillington, NC.................................................... 78

George Kenny, JD, Senior 340B Account Manager, Genentech, San Francisco, CA.................................................. 35, 62
Disclosure – Employee: Genentech

William Kernan, PharmD, BCPS, Assistant Director, Department of Pharmacy, Cleveland Clinic Florida, Weston, FL........... 75

Patricia C. Kienle, MPA, FASHP, Director, Accreditation and Medication Safety, Cardinal Health Pharmacy Solutions, Laflin, PA...................................................................................... 62, 65, 69, 70

Karen L. Kier, PhD, BCPS, Professor of Clinical Pharmacy/ Director, Assessment, Ohio Northern University, Ada ............... 67

Scott E. Kincaid, PharmD, BCPS, Clinical Coordinator of Internal Medicine, University of Kentucky Healthcare, Lexington ....... 63

Bonnie Kirschenbaum, MS, FCSHP, FASHP, Healthcare Consultant, Self, Boulder, CO..................................................... 80

Thomas E. Kirschling, PharmD, MS, Director, Acute Care Pharmacy, Denver Health, Denver, CO.............................................. 60, 61

Ty H. Kiser, PharmD, Associate Professor, University of Colorado, Aurora, CO............................................................... 42

Susan Kleppin, BS Pharm, Director of Pharmacy, Chartwell Midwest Wisconsin, Middleton .............................................. 83

Mary Ann Kliethermes, BS, PharmD, Vice-Chair Ambulatory Care, Associate Professor, Chicago College of Pharmacy, Midwestern University, Downers Grove, IL..................................... 75
Disclosure – Owner: Clinical Pharmacy Systems Inc.

Scott J. Knoer, MS, PharmD, FASHP, Chief Pharmacy Officer, Cleveland Clinic, Cleveland, OH.............................. 39, 59, 69

Matthew D. Kostoff, PharmD, BCPS, Clinical Assistant Professor of Pharmacy Practice, University of Kansas, Wichita, KS...... 42, 73

Michael Kraft, PharmD, BCNSP, Clinical Associate Professor, University of Michigan College of Pharmacy, Ann Arbor ....... 79

Lee A. Kral, PharmD, BCPS, Clinical Pharmacy Specialist, Pain Medicine, The University of Iowa Hospitals & Clinics, Iowa City.................................................................................. 69, 82, 85

Christine J. Kubin, PharmD, BCPS, Clinical Pharmacy Manager, Infectious Diseases, NewYork-Presbyterian Hospital, New York, NY............................................................................. 41

Don B. Kupper, RPh, MBA, FACHE, Vice President Supply Chain CPO, Clinical Services, University of Louisville Hospital, Crestwood, KY........................................................................ 72

Andy J. Kurtzweil, PharmD, BCOP, Clinical Leader, Oncology & BMT, University of Minnesota, Fairview, Minneapolis........ 74

David A. Kvasnca, MS, BS, FASHP, Vice President, National Pharmacy Programs and Services, Kaiser Permanente, Downey, CA.......................................................... 61
Disclosure – Board Member: SEA Medical; Consultant: SEA Medical

Pamela Lada Walker, Clinical Coordinator - Emergency Medicine Pharmacy Services, University of Michigan, Ann Arbor ....... 79

Benjamin Laird, PharmD, Supervisor, Medication Management - Epic, Froedtert Health, Milwaukee, WI................................. 83

Simon Lam, PharmD, Pharmacy Clinical Specialist, Cleveland Clinic, Cleveland, OH................................................................. 41
presenter index

Richard Landen, MBA, MPH, Director, Regulatory Affairs, QuadraMed, Reston, VA ................................................................. 81
Disclosure – Employee: QuadraMed

Andrea Landgraf Oholendt, PharmD, BCOP, Clinical Pharmacy Specialist, MD Anderson Cancer Center, Houston, TX ............ 68

Joseph Lasister, PharmD, BCPS, Assistant IT Director for Medication-Use Systems, University of Michigan Health System, Ann Arbor, MI .......................................................... 83

Brian Laham, PharmD, Director of Pharmacy, St. Rita’s Medical Center, Lima, OH ................................................................. 69

Phuoc Lynsey Le, PharmD, Drug Information Clinical Specialist, Thomas Jefferson University Hospitals, Philadelphia, PA ................................................................. 83

Sandra Leal, PharmD, MPH, Director of Clinical Pharmacy, El Rio Health Center, Tucson, AZ ................................................................. 64

Molly Leber, PharmD, BCPS, Clinical Pharmacy Coordinator, Yale New Haven Hospital, New Haven, CT ........................................... 67

Lorraine Lee, MHA, BS Pharm, Director of Pharmacy Services, Yale-New Haven Hospital, New Haven, CT ....................................... 59

Lynne M. Lee, BS Pharm, PharmD, Medication Safety Pharmacist, UHS, Binghamton, NY ................................................................. 67

Michael Lee, BS Pharm, PharmD, Director of Pharmacy, USPHS Claremore Indian Hospital, Claremore, OK .............................. 64

Sarah M. Lee, PharmD, MS, Clinical Manager, Pharmacy Supply Chain, University of North Carolina Hospitals, Chapel Hill ....... 35, 62

Jack Lemanowicz, RPh, MS, Director of Pharmacy, Children’s Mercy Hospitals and Clinic, Kansas City, MO ............................... 81

Nicholas Leon, PharmD, BCACP, Assistant Professor, Thomas Jefferson University - Jefferson School of Pharmacy, Philadelphia, PA ................................................................. 42

Anne Lesko, PharmD, Sr. Clinical Director, Cincinnati Children’s Hospital Medical Center, Cincinnati, OH .................................. 34

Bonnie Levin, PharmD, MBA, Corporate AVP, Pharmacy Services, MedStar Health, Columbia, MD ...................................................... 76

Joanna Lewis, PharmD, MBA, Pharmacy Coordinator, Duke University Hospital, Durham, NC ................................................................. 39

Timothy R. L’Hommedieu, PharmD, MS, Pharmacy Manager, BayCare Health System (St. Joseph's Hospitals), Tampa, FL ....... 69

Jim Lile, BS, PharmD, FASHP, Clinical Pharmacy Manager, St. Mary’s of Michigan, Saginaw, MI ................................................................. 62

Jeff Little, PharmD, MPH, Director of Pharmacy, Saint Luke’s Hospital, Kansas City, MO ................................................................. 39

Debra A. Lopez, PharmD, Clinical Associate Professor, University of Texas College of Pharmacy, Austin ................................. 34

Rex S. Lott, PharmD, BCPP, Professor of Pharmacy Practice, Idaho State University College of Pharmacy, Meridian ........... 77

Robert A. Lucas, PharmD, BCPS, Clinical Coordinator, Blount Memorial Hospital, Maryville, TN ................................................................. 73

Sherry Luedtke, PharmD, FPPAG, Associate Professor, Texas Tech HSC School of Pharmacy, Amarillo ................................. 66
Disclosure – Consultant: Discovery Lab

Mary Mably, RPh, BCOP, Pharmacy Oncology Coordinator, University of Wisconsin Hospital and Clinics, Madison ............... 62

Neil J. MacKinnon, PhD, Dean & Professor, James L. Winkle College of Pharmacy University of Cincinnati, Cincinnati, OH ..................... 48

George E. MacKinnon, III, PhD, RPh, FASHP, Founding Dean and Professor of Clinical and Administrative Sciences, Roosevelt University College of Pharmacy, Schaumburg, IL ................................. 64

Ashley Mains, PharmD, MS, Acute Care Pharmacy Assets, Informatics & Technology Manager, Denver Health, Denver, CO ................................................................. 80

Karen Malcolm, PharmD, BCPS, Professor and Associate Dean, The University of Findlay, Findlay, OH ................................. 67

Scott E. Mambrour, PharmD, BCPS, AAHP, Practice Leader, Medication Safety, Joint Commission Resources, Oak Brook, IL ................................................................. 84
Disclosure – Employee: Joint Commission Resources

Shannon Manzi, PharmD, EMT, Director, Clinical Pharmacogenomics Service, Boston Children’s Hospital, Boston, MA ................................................................. 72, 79

Holly D. Maples, Pharm.D, Associate Professor, UAMS College of Pharmacy and Arkansas Children’s Hospital, Little Rock, AR ................................. 86

Christopher Marcum, PharmD, Manager of Marymount Family Pharmacy, Marymount Hospital - Cleveland Clinic Hospital, Garfield Heights, OH ................................................................. 78

Wayne R. Marquardt, BS, RPh, Senior Pharmacist, Hospital of the University of Pennsylvania, Philadelphia, PA ...................... 39

Joel C. Marrs, PharmD, BCPS (AQ Cardiology), Assistant Professor, University of Colorado Skaggs School of Pharmacy and Pharmaceutical Sciences, Aurora ........................................ 40, 42, 60

Craig Martin, Director of Professional Practice Development, University of Kentucky College of Pharmacy, Lexington, KY .... 75

Kelly L. Martin, PharmD, MS, Inpatient Pharmacy Manager, Virginia Commonwealth University Health System, Richmond, VA .... 39

Tracy Martinez, PharmD, BCPS, Clinical Pharmacist, John D. Dingell VAMC, Roseville, MI ................................................................. 86

Kevin C. Marvin, MS, FHIIMSS, FASHP, Consultant, Kevin Marvin Consulting LLC, Burlington, VT ...................................................... 64
Disclosure – Employee: Kevin Marvin Consulting LLC

Lindsay Massey, PharmD, MS, Pharmacy Operations Manager, Children’s Mercy Hospitals & Clinics, Kansas City, MO ................................. 39

Kimberly Mattox, PharmD, Clinical Pharmacy Specialist, Geriatrics, James A. Haley Veterans’ Hospital, Tampa, FL ................................. 34
Gary R. Matzke, BS Pharm, PharmD, Professor and Director, Pharmacy Practice Transformation Initiatives, Virginia Commonwealth University School of Pharmacy, Richmond ...... 78
Gregory Maynard, MD, MSc, Director, Center for Innovation and Improvement Science, University of California, San Diego ...... 65 Disclosure – Employee: Society of Hospital Medicine
Barry M. McClain, PharmD, MS, Manager, Pharmacy Information Systems, Aurora Health Care, Milwaukee, WI .......... 83
Katie S. McClendon, PharmD, BCPS, Clinical Assistant Professor, University of Mississippi, Jackson ........................................ 67 Disclosure – Research Grant Recipient: Allergan, Inc.
Deborah A. McCue, PharmD, BCOP, Manager of Clinical Pharmacy Services, MD Anderson Cancer Center, Houston, TX ...... 68, 74
Megan McIntyre, PharmD, MHA, Manager, Medication Use Quality, Virginia Mason Medical Center, Seattle, WA ............ 59
Mary Lynn McPherson, PharmD, BCPS, CPE, FASHP, Professor and Vice Chair, University of Maryland School of Pharmacy, Baltimore ................................... 69
Elaine Mebel, PharmD, MS, Manager, Clinical Services, The Western Pennsylvania Hospital, Pittsburgh, PA .................... 39
Amber Meigs, PharmD, BCPS, Medication Safety Manager, NorthShore University HealthSystem, Evanston, IL .............. 62
Sarah T. Melton, PharmD, BCPP, Associate Professor of Pharmacy Practice, Gatton College of Pharmacy at East Tennessee State University, Johnson City .................................. 77
Gary Merchant, Administrative Director, New England Pharmacy Collaborative, Lebanon, NH ............................................ 35
Brian M. Meyer, BA, MBA, Director, Government Affairs Division, American Society of Health-System Pharmacists, Bethesda, MD .................................................. 73
Christina Michalek, PharmD, FASHP, Medication Safety Specialist, Institute for Safe Medication Practices, Horsham, PA ........ 81
Aaron Middlekauff, PharmD, Quality and Process Improvement Division, US Public Health Service/USCG, Washington, DC ......................................................... 58
Jamie Miller, PharmD, Assistant Professor, University of Oklahoma College of Pharmacy, Oklahoma City ....................... 66
Monica Miller, PharmD, MSc, Clinical Assistant Professor, Purdue University, Indianapolis, IN ......................................... 82
Rickey C. Miller, PharmD, BCOP, Clinical Pharmacy Specialist, Hematology/Oncology, Allegheny General Hospital, Pittsburgh, PA ................................................. 78
William Miller, BS, MSc, PharmD, FASHP, Miller Consulting, Self Employed, Charleston, SC .............................................. 34
Jason Milner, PharmD, Director of Pharmacy Services, South Pointe Hospital - Cleveland Clinic Hospital, Warrensville Heights, OH ...................................................... 78
Jay M. Mirtalo, MS, RPh, BCNSP, FASPen, FASHP, Professor of Clinical Pharmacy, The Ohio State University, Columbus ..... 79 Disclosure – Consultant: Fresenius-Kabi, B Braun, NPS Pharmaceuticals, Coram
Aimee Mishler, PharmD, PGY2 Emergency Medicine Resident, University of Arizona, Tucson ................................. 79
Cindy Mitman, PharmD, Assistant Director of Pharmacy, Lehigh Valley Health Network, Allentown, PA .......................... 69
Erasmo Mitrano, RPh, MS, Associate Chief of Pharmacy, Massachusetts General Hospital, Boston .......................... 59
Stefan Muhlebach, PhD, Scientific Director, Vifor Pharma Ltd, Glattbrugg, Zuerich, Switzerland .................................... 78 Disclosure – Research Grant Recipient: Vifor Pharma Ltd
David P. Mulherin, PharmD, BCPS, Assistant Professor of Pharmacy Practice, Lipscomb University College of Pharmacy, Nashville, TN .................................................. 71
William (Bill) B. Munier, MD, MBA, Director, Center for Quality Improvement and Patient Safety, Agency for Healthcare Research and Quality, Rockville, MD ................................ 81
Lee Murdough, BS Pharm, PhD, Director Accreditation and Medication Safety, Cardinal Health, Knoxville, TN ............ 62 Disclosure – Employee: Cardinal Health; Author: ASHP
Megan Musselman, PharmD, MS, BCPS, Clinical Pharmacist, North Kansas City Hospital, Kansas City, MO ............. 80

Kathryn Neill, PharmD, Assistant Dean for Experiential Education, University of Arkansas for Medical Sciences College of Pharmacy, Little Rock, AR ........................................ 75
Linda A. Nelson, BS, PharmD, Clinical Pharmacy Specialist, Women & Infants Hospital of RI, Providence, RI .................... 86
Suzanne A. Nesbit, PharmD, CPE, Clinical Pharmacy Specialist, Pain Management, The Johns Hopkins Hospital, Baltimore, MD ....................................................... 82
Genevieve L. Ness, PharmD, Assistant Professor of Pharmaceutical, Social and Administrative Science, Belmont University College of Pharmacy, Nashville, TN .................... 67
Bao Nguyen, PharmD, BCPS, Clinical Pharmacist, PGY1 Residency Program Director, Banner Estrella Medical Center, Phoenix, AZ......................................................... 83
Bickkie Nguyen, PharmD, Manager in Training, Cardinal Health, Houston, TX ................................................. 60 Disclosure – Employee: Cardinal Health
Caroline Nguyen, PharmD, PGY-2 Pharmacy Administration Resident, Cedars-Sinai Medical Center, Los Angeles, CA ...... 70
Cynthia S. Niccolai, PharmD, Pharmacy IT Clinical Specialist, University of Pittsburgh Medical Center, Pittsburgh, PA ........ 62
Natasha C. Nicol, PharmD, FASHP, Director, Medication Safety, CardinalHealth, Pawleys Island, SC ................................. 71
Ed Nold, BS Pharm, MS, FASHP, Director of Operations and Account Management - Midwest, Cardinal Health, Houston, TX ................................................. 85 Disclosure – Employee: Cardinal Health
Anna Nowobilski-Vasiliou, PharmD, BCNSP, FASHP, Principal, Anovation, Inc., Chicago, IL ................................. 58

Cindy O’Bryant, PharmD, Associate Professor, University of Colorado Skaggs School of Pharmacy and Pharmaceutical Sciences, Aurora .................................................. 74 Disclosure – Research Grant Recipient: Pfizer, Inc.; Bayer Healthcare AG; Speakers Bureau: Amgen
<table>
<thead>
<tr>
<th>Name</th>
<th>Institution</th>
<th>Address</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Michael A. O’Connell</td>
<td>MHA, Vice President of Clinical Support Services</td>
<td>Cleveland Clinic, Garfield Heights, OH</td>
<td>78</td>
</tr>
<tr>
<td>Carrie Oliphant</td>
<td>PharmD, BCPS, Cardiology Clinical Specialist</td>
<td>Methodist University Hospital, Memphis, TN</td>
<td>84</td>
</tr>
<tr>
<td>Brandon J. Ordway</td>
<td>PharmD, MS, Pharmacy Operations Manager</td>
<td>St. Joseph’s Hospital - HealthEast Care System, St. Paul, MN</td>
<td>76</td>
</tr>
<tr>
<td>Melissa A. Ortega</td>
<td>PharmD, MS, Pharmacy Manager</td>
<td>Tufts Medical Center, Boston, MA</td>
<td>39, 60</td>
</tr>
<tr>
<td>Carson P. Padgett</td>
<td>PharmD, BCPS, Pharmacy Manager</td>
<td>St. Joseph’s Hospitals, Tampa, FL</td>
<td>86</td>
</tr>
<tr>
<td>Komal Pandya</td>
<td>PharmD, Clinical Pharmacist</td>
<td>Emergency Medicine &amp; Adult Critical Care, University of California, Davis Medical Center, Sacramento</td>
<td>66</td>
</tr>
<tr>
<td>Lois F. Parker</td>
<td>BS, RPh, Clinical Lead, Pediatrics</td>
<td>Massachusetts General Hospital, Boston</td>
<td>71</td>
</tr>
<tr>
<td>Steven Pass</td>
<td>PharmD, Associate Professor and Vice Chair for Residency Programs</td>
<td>Texas Tech University Health Sciences Center School of Pharmacy, Dallas, TX</td>
<td>34</td>
</tr>
<tr>
<td>John D. Pastor</td>
<td>PharmD, FASHP, Director of Pharmacy</td>
<td>University of Minnesota Medical Center, Minneapolis</td>
<td>61</td>
</tr>
<tr>
<td>Asad E. Patanwala</td>
<td>PharmD, BCPS, Associate Professor</td>
<td>The University of Arizona, Tucson</td>
<td>40, 66</td>
</tr>
<tr>
<td>Binita Patel-Naik</td>
<td>PharmD, MS, Director of Ambulatory/Retail Pharmacy</td>
<td>Froedtert Health, Milwaukee, WI</td>
<td>72</td>
</tr>
<tr>
<td>John Patka</td>
<td>PharmD, BCPS, Clinical Pharmacy Specialist</td>
<td>Grady Health System, Atlanta, GA</td>
<td>79</td>
</tr>
<tr>
<td>Jenna Paulson</td>
<td>PharmD, Emergency Medicine Pharmacist</td>
<td>Mercy Hospital (Allina Health), Coon Rapids, MN</td>
<td>79</td>
</tr>
<tr>
<td>Craig A. Pedersen</td>
<td>PhD, FAPhA, Manager, Pharmacy Services</td>
<td>Confluence Health - Central Washington Hospital, Wenatchee, WA</td>
<td>82</td>
</tr>
<tr>
<td>Krista Pedley</td>
<td>PharmD, MS, Director</td>
<td>HRSA Office of Pharmacy Affairs, Health Resources and Services Administration, Washington, DC</td>
<td>35, 62</td>
</tr>
<tr>
<td>Emily P. Peron</td>
<td>PharmD, MS, Assistant Professor</td>
<td>Virginia Commonwealth University, Richmond, VA</td>
<td>73</td>
</tr>
<tr>
<td>Codee Peterson</td>
<td>PharmD, Pharmacist</td>
<td>Ministry Health Care, Marshfield, WI</td>
<td>40</td>
</tr>
<tr>
<td>John Petrich</td>
<td>MS, RPh, Investigational Drug Service Manager</td>
<td>Cleveland Clinic, Cleveland, OH</td>
<td>62</td>
</tr>
<tr>
<td>Renee Petzel Gimbar</td>
<td>PharmD, Clinical Assistant Professor</td>
<td>University of Illinois at Chicago, Chicago</td>
<td>79</td>
</tr>
<tr>
<td>Pamela Phelps</td>
<td>PharmD, FASHP, Director of Clinical Pharmacy Services</td>
<td>Fairview Health Services, Minneapolis, MN</td>
<td>69, 73</td>
</tr>
<tr>
<td>Beth Phillips</td>
<td>PharmD, BCPS, Clinical Professor</td>
<td>University of Georgia, Athens, GA</td>
<td>34</td>
</tr>
<tr>
<td>Peggy Piascik</td>
<td>PhD, Professor</td>
<td>University of Kentucky College of Pharmacy, Lexington, KY</td>
<td>42</td>
</tr>
<tr>
<td>Kathleen Pincus</td>
<td>PharmD, Assistant Professor</td>
<td>University of Maryland School of Pharmacy, Baltimore</td>
<td>61</td>
</tr>
<tr>
<td>Nicole R. Pinelli</td>
<td>PharmD, MS, CDE, Clinical Assistant Professor</td>
<td>UNC Eshelman School of Pharmacy, Chapel Hill</td>
<td>86</td>
</tr>
<tr>
<td>Wes C. Pitts</td>
<td>PharmD, BCPS, Clinical Pharmacy Manager</td>
<td>North Mississippi Medical Center, Tupelo</td>
<td>64</td>
</tr>
<tr>
<td>Luci A. Power</td>
<td>BS Pharm, MS, Senior Pharmacy Consultant</td>
<td>Power Enterprises, San Francisco, CA</td>
<td>70</td>
</tr>
<tr>
<td>John D. Pastor</td>
<td>PharmD, FASHP, Director of Pharmacy</td>
<td>University of Minnesota Medical Center, Minneapolis</td>
<td>61</td>
</tr>
<tr>
<td>John J. Radosevich</td>
<td>PharmD, Clinical Pharmacist</td>
<td>Emergency Medicine, Maricopa Medical Center, Phoenix, AZ79</td>
<td></td>
</tr>
<tr>
<td>Mark J. Ratain</td>
<td>MD, Leon O. Jacobson Professor of Medicine; Director, Center for Personalized Therapeutics; and Associate Director for Clinical Sciences, Comprehensive Cancer Center, The University of Chicago</td>
<td>81</td>
<td></td>
</tr>
<tr>
<td>James B. Ray</td>
<td>PharmD, CPE, Clinical Pharmacy Coordinator</td>
<td>Pain &amp; Palliative Care, University of Virginia Health System, Charlottesville</td>
<td>82</td>
</tr>
<tr>
<td>Jennifer Reddan</td>
<td>PharmD, FASHP, Director</td>
<td>Center for Medication Management, Indiana University Health, Indianapolis, IN</td>
<td>71</td>
</tr>
<tr>
<td>Jennifer Reddan</td>
<td>PharmD, FASHP, Director</td>
<td>Center for Medication Management, Indiana University Health, Indianapolis, IN</td>
<td>62, 85</td>
</tr>
<tr>
<td>Cynthia Reilly</td>
<td>BSPharm, Director, Medication Safety and Quality Division, American Society of Health-System Pharmacists, Bethesda, MD</td>
<td>48</td>
<td></td>
</tr>
<tr>
<td>Shirley Reitz</td>
<td>PharmD, Director</td>
<td>Pharmacy Clinical Services, Group Health Cooperative, Seattle, WA</td>
<td>61</td>
</tr>
<tr>
<td>Denise H. Rhoney</td>
<td>PharmD, FCCP, Ronald and Nancy McFarlane Distinguished Professor and Chair</td>
<td>University of North Carolina at Chapel Hill, Chapel Hill</td>
<td>70</td>
</tr>
<tr>
<td>Hal Richards</td>
<td>PharmD, BCNSP, Clinical Pharmacy Specialist</td>
<td>Critical Care, Program Director PYG2 in Critical Care Medicine, St. Joseph’s Candler Health System, Savannah, GA</td>
<td>76</td>
</tr>
</tbody>
</table>
Katheryne Richardson, PharmD, Senior Director Policy, Apexus, Memphis, TN ............................ 35

Daniel M. Riche, PharmD, BCPS, Associate Professor, The University of Mississippi, Jackson............................. 63, 74
Disclosure – Speakers Bureau: Merck, Janssen, Boehringer-Ingelheim

Deborah B. Riffel, RN, MS, Senior Clinical Sales Consultant, CareFusion, Kansas City, MO .................................. 72

Zara Risoldi Cochrane, PharmD, Assistant Professor of Pharmacy Practice, Creighton University School of Pharmacy and Health Professions, Omaha, NE ........................................... 67

Beth L. Roberts, JD, Partner, Hogan Lovells US LLP, Washington, DC .......................................................... 80

Kevin W. Roberts, PharmD, BS Pharm, Chief, Department of Pharmacy, Carl R. Darnall Army Medical Center, Fort Hood, TX ........................................ 58

Jennifer Robertson, PharmD, Medication Use Policy Coordinator, St. Jude Children’s Research Hospital, Memphis, TN ...... 62

Nicole G. Rockey, PharmD, BCACP, Assistant Professor of Pharmacy Practice / Clinical Pharmacist, Midwestern University Chicago College of Pharmacy, Downers Grove, IL ........ 41

Christin C. Rogers, PharmD, BCPS, Clinical Pharmacy Coordinator - Solid Organ Transplant, Beth Israel Deaconess Medical Center, Boston, MA .................................................. 77
Disclosure – Consultant: Pfizer

Carol J. Rollins, PharmD, BCNSP, Coordinator, Nutrition Support Team, The University of Arizona Medical Center, Tucson .......................... 59, 76

Bradley Rosen, MD, MBA, Medical Director, ISP Hospitalist Service, Cedars Sinai Medical Center, Los Angeles, CA .... 72

Jacques B. Rottembourg, MD, Professor in Nephrology, Hopital de la Piti Paris France, Paris, France .................. 78

Christine M. Ruby, PharmD, BCPS, Assistant Professor, University of Pittsburgh School of Pharmacy, Pittsburgh, PA .......... 84

Jahara Russell, CPhT, Lead Pharmacy Technician for Transition of Care, Albert Einstein Medical Center, Philadelphia, PA ...... 69

Gina J. Ryan, PharmD, CDE, Clinical Professor, Mercer University, Atlanta, GA .................................................. 87
Disclosure – Research Grant Recipient: Merck, Inc.

Michael J. Rybak, PharmD, MPH, Professor of Pharmacy and Medicine, Wayne State University, Detroit, MI ............. 83

Margaret A. Ryman, PharmD, BS, Clinical Advisor, McKesson Pharmacy Optimization, Golden Valley, MN .................. 77
Disclosure – Employee: McKesson Pharmacy Optimization

Gloria P. Sachdev, PharmD, BS Pharm, Clinical Assistant Professor, Purdue University College of Pharmacy, Indianapolis, IN .................................................. 75
Disclosure – Author: ASHP

S

Gordon S. Sacks, PharmD, Department Head, Pharmacy Practice, Harrison School of Pharmacy, Auburn University, Auburn, AL .............................................................. 79
Disclosure – Consultant: Fresenius Kabi and Board Member, Abbott Nutrition

Susan Samet, PharmD, Director, Clinical Operations, Cardinal Health, Edwards, IL ...................................................... 75
Disclosure – Employee: Cardinal Health

Joseph Saseen, PharmD, FASHP, Professor and Vice Chair, University of Colorado Anschutz Medical Campus, Aurora ............................................................... 40, 81
Disclosure – Board Member: Board of Pharmacy Specialties, National Lipid Association

Sarah Scarpace, PharmD, BCOP, Associate Professor, Pharmacy Practice, Albany College of Pharmacy and Health Sciences, Albany, NY .............................................................. 68
Disclosure – Research Grant Recipient: Intelligent Hospital Systems, Ltd; Scientific Advisory Board: S.E.A. Medical; Scientific Advisory Board: Alliance for Safe Biologic Medicines

Sandra M. Schneider, MD, Director of Research, North Shore University Hospital, Manhasset, NY ........................................ 83

Garrett Schramm, PharmD, Coordinator of Pharmacy Education & Training, Mayo Clinic, Rochester, MN ............. 41

Jennifer M. Schultz, Pharm.D., FASHP, Residency Program Director/ Clinical Pharmacist, Bozeman Deaconess Health Services, Bozeman, MT .................................................. 86

Michael D. Schwartz, BA, PharmD, Chair, Department of Pharmacy Practice, South University School of Pharmacy, Savannah, GA .................................................. 63
Disclosure – Research Grant Recipient: BioRad

Terry L. Schwinghammer, PharmD, BCPS, FASHP, Professor and Chair, Department of Clinical Pharmacy, West Virginia University School of Pharmacy, Morgantown ........................................ 42
Disclosure – Board Member: McGraw-Hill Education

Mollie Ashe Scott, PharmD, BCACP, Regional Associate Dean, University of North Carolina Eshelman School of Pharmacy, Asheville ............................................................... 74

Alissa Segal, PharmD, CDE, CDTC, Associate Professor of Pharmacy Practice, MCPHS University, Boston, MA ........ 87

David Seki, PharmD, Informatics/Automation Pharmacist, Cedars-Sinai Medical Center, Los Angeles, CA ................. 83

Bhavik M. Shah, PharmD, BCPS, Assistant Professor, Jefferson School of Pharmacy, Philadelphia, PA ............... 42

Vinod P. Shah, PhD, Pharmaceutical Consultant, North Potomac, MD .......................................................... 78

Christopher Shain, PharmD, BCPS, Managing Consultant, McKesson Pharmaceuticals, Dittmer, MO ............... 35

Rita Shane, PharmD, FCSP, FASHP, Director of Pharmacy Services, Cedars-Sinai Medical Center, Los Angeles, CA ....... 

.................. 63, 70, 72
Betsy Shilliday, PharmD, BCACP, Director, Advanced Practice Provider Center, UNC School of Medicine and Eshelman School of Pharmacy, Chapel Hill .................................................. 86

Jerry Siegel, PharmD, FASHP, Managing Partner, Safe Medication Management Associates Inc., East Greenwich, RI .......................... 59

Disclosure – Employee: Safe Medication Management Associates

Mark H. Siska, RPh, MBA/TM, Assistant Director Informatics & Technology Pharmacy Services, Mayo Clinic, Rochester, MN .... 86

Debra C. Sisson, PharmD, MS, Pharmacist, Grand Itasca Clinic & Hospital, Grand Rapids, MN .............................................................. 48

Kyle Skiermont, PharmD, Director of Specialty, Infusion Operations, Fairview Pharmacy Services, Minneapolis, MN ...... 71

Susan Skledar, RPh, MPH, FASHP, Associate Professor, School of Pharmacy, and Clinical Pharmacy Specialist, UPMC, University of Pittsburgh and University of Pittsburgh Medical Center, Pittsburgh, PA .......................... 62

Ronald H. Small, BS Pharm, MBA, FASHP, Consultant, Joint Commission Resources/Joint Commission International, Advance, NC .......................................................... 84

Disclosure – Employee: Joint Commission Resources

Nancy R. Smestad, BS, MS, Pharmacist Consultant, Veterans Health Administration, Fargo, ND ......................................................... 67

Judy Smetter, BSN, FISMP, Vice President, Institute for Safe Medication Practices (ISMP), Horsham, PA ................................................. 49

Donavan Smith, RPh, Pharmacy Director, Wayne Community Health Center, Bicknell, UT ................................................................. 35

Erika Smith, PharmD, BCPS, Clinical Pharmacy Manager, Froedtert Hospital, Milwaukee, WI .............................................................. 61

Marie Smith, PharmD, Professor and Assistant Dean, Practice and Policy Partnerships, University of Connecticut School of Pharmacy, Storrs, CT .......................................................... 41

Maureen A. Smythe, PharmD, FCCP, Professor (Clinical), Department of Pharmacy Practice, Wayne State University, Detroit, MI .......................................................... 70

Disclosure – Speakers Bureau: Janssen Pharmaceuticals; Consultant: Janssen Pharmaceuticals

Todd Sorensen, PharmD, Executive Director, Alliance for Integrated Medication Management, Minneapolis, MN .......... 77

Disclosure – Staff: Alliance for Integrated Medication Management

Chad S. Stashak, PharmD, MS, Medication Safety & Technology Manager, Brigham & Women’s Hospital, Boston, MA .... 76

Aaron Steffenhagen, PharmD, BCPS, Pharmacy Manager, Patient Care Services and Emergency/Disaster Preparedness, University of Wisconsin Hospital and Clinics, Madison ........... 40

Leslie A. Stein, BS, Coach, Full Circle Inspiration, Inc., Las Vegas, NV ............................................................... 87

James Stevenson, PharmD, FASHP, Chief Pharmacy Officer, University of Michigan Health System, Ann Arbor ............... 70

Elisabeth S. Stieb, BSN, AE-C, Nurse, Massachusetts General Hospital, Boston .............................................................. 71

Disclosure – Author: McGraw Hill Publishing

David Stowe, RPh, Pharmacy Informatics Specialist, Cleveland Clinic Health System, Cleveland, OH .............................. 69

Michael Streiff, MD, Associate Professor of Medicine, Johns Hopkins University, Baltimore, MD ................................. 63

Jennifer M. Strickland, PharmD, BCPS, Chief Product Officer, PlusDelta Technologies; and Vice-President, Clinical Strategy, Millennium Laboratories, Durham, NC .......................... 40, 65, 69

Disclosure – Employee: Millennium Laboratories; Stockholder: PlusDelta technologies

Lee H. Stringer, PharmD, CPE, Clinical Pharmacist, Billings Clinic, Billings, MT ................................................................. 62

Matthew Strum, PharmD, BCACP, Clinical Assistant Professor, University of Mississippi School of Pharmacy, University, MS ............................................................. 63, 67

Disclosure – Consultant: Medtronic, Insulet, Tandem

Nathan T. Stuckey, PharmD, BCPS, Clinical Specialist, Internal Medicine, Cleveland Clinic - Fairview Hospital, Cleveland, OH .......................................................... 76

Valiyapuri Subramaniam, PharmD, MS, FASHP, Associate Chief Consultant, Veterans Health Administration, Pharmacy Benefits Management Services, Washington, DC .......................... 58, 73

Meghan D. Swarthout, PharmD, BCPS, Division Director, Ambulatory and Care Transitions, The Johns Hopkins Hospital, Baltimore, MD .......................................................... 60

Paul M. Szumita, PharmD, BCPS, Clinical Pharmacy Practice Manager, Brigham & Women’s Hospital, Boston, MA .... 63, 65

Rebecca Taylor, PharmD, MBA, Assistant Director, Cleveland Clinic Marymount, Garfield Heights, OH .......................... 68, 75, 78

Michelle Thoma, PharmD, Pharmacy Manager, Ambulatory and Transitional Patient Care Services, University of Wisconsin Hospital and Clinics, Madison .............................................. 83

Joyce A. Thomas, PharmD, CACP, Director of Pharmacy, Deaconess Health System, Evansville, IN ................................. 62

Michael C. Thomas, PharmD, BCPS, Associate Professor, South University School of Pharmacy, Savannah, GA .................. 80

Bruce Thompson, RPh, MS, Director of Pharmacy Services, Hennepin County Medical Center, Minneapolis, MN .......... 77

Kasey K. Thompson, PharmD, MS, Vice President, American Society of Health-System Pharmacists, Bethesda, MD ................................. 73

Ross W. Thompson, MS, RPh, FASHP, Director of Pharmacy, Tufts Medical Center, Boston, MA .......................................................... 60

Disclosure – Consultant: McKesson Corporation

Eric M. Tichy, PharmD, BCPS, Senior Clinical Pharmacy Specialist, Yale-New Haven Hospital, New Haven, CT ............. 72

Joyce A. Tipton, BS Pharmacy, MBA, FASHP, Director of Pharmacy, Memorial Hermann Memorial City, Houston, TX ................................. 73

Christopher Topoleski, BA, Director, Federal Regulatory Affairs, American Society of Health-System Pharmacists, Bethesda, MD ................................. 73

Jennifer M. Trujillo, PharmD, BCPS, Associate Professor, University of Colorado School of Pharmacy, Aurora 63
Eric Truvillion, Financial Advisor, New England Financial, Tampa, FL ................................................................. 59
Disclosure – Registered Representative: New England Financial

Wyndie Tse, PharmD, Medication Safety Pharmacist, City of Hope, Duarte, CA .......................................................... 83
Laura L. Tyndall, BS, PharmD, Pharmacy Product Advisor, QuadraMed, Reston, VA ....................................................... 81
Disclosure – Employee: QuadraMed

Tanya Uritsky, PharmD, BCPS, Pharmacy Specialist Pain and Palliative Care, Hospital of the University of Pennsylvania, Philadelphia ................................................................. 85

John P. Uselton, RPh, Performance & Outcomes, Cardinal Health, Houston, TX ............................................................ 62
Disclosure – Employee: Cardinal Health; Author: ASHP

Heather Van Ningen, PharmD, BCOP, Clinical Pharmacist, University of Wisconsin Hospital and Clinics, Madison .... 64

Kendall Van Tyte, PharmD, Lieutenant Commander, U.S. Public Health Service, Indian Health Service, Northern Navajo Medical Center, Shiprock, NM ............................................................. 58

Alex C. Varkey, PharmD, MS, Pharmacy Operations Manager, Houston Methodist Hospital, Houston, TX ......................... 69
Disclosure – Employee: Patheon Pharmaceuticals

Lee Vermeulen, RPh, MS, Director, Center for Clinical Knowledge Management, University of Wisconsin Hospital, Madison .......................................................... 34
Disclosure – Employee: Patheon Pharmaceuticals

Kathleen Vest, PharmD, CDE, BCACP, Associate Professor, Midwestern University Chicago College of Pharmacy, Downers Grove, IL .......................................................... 73

Peter H. Vlasses, PharmD, DSc (Hon), BCPS, FCCP, Executive Director, Accreditation Council for Pharmacy Education, Chicago, IL .................................................. 60

Gwen Volpe, RPh, LSSBB, FASHP, Pharmacist Consultant, Omnisciell, St John, IN ................................................. 66

Katie Wallace, PharmD, PGY1 Resident, Wake Forest Baptist Health, Winston-Salem, NC ........................................... 67

Richard S. Walling, BSPharm, MHA, Director, Center for Health System Pharmacy Leadership, ASHP Research and Education Foundation, Bethesda, MD ....................................... 73

David J. Warner, PharmD, Associate Chief Pharmacy Officer, Duke University Hospital, Durham, NC ........................................ 34

Kristin Watson, PharmD, BCPS AQ Cardiology, Associate Professor, University of Maryland School of Pharmacy, Baltimore, MD .................................................. 42

Theresa J. Waxlax, RPh, Clinical Staff Pharmacist, CompleteRx / Gerald Champion Regional Medical Center, Alamogordo, NM .................................................. 83

Kyle A. Weant, PharmD, BCPS, Regional Pharmacist, North Carolina Department of Health and Human Services, Raleigh ............................................. 66

Robert J. Weber, PharmD, MS, FASHP, Senior Director - Pharmaceutical Services, Ohio State University Wexner Medical Center, Columbus .................................................. 61, 65

David B. Wetman, MS, Assistant Director, Acute Care, University of Iowa Hospitals and Clinics, Iowa City .................. 69

Matthew Werling, PharmD, MBA, Pharmacy Manager, All Children’s Hospital, St. Peters burg, FL .................................... 78

Sara White, PharmD, RPh, FASHP, (Ret.) Director of Pharmacy, Stanford Hospital and Clinics, Palo Alto, CA ....... 39

Casey Williams, PharmD, BCOP, Director of Clinical Research, Sanford Health, Sioux Falls, SD .................................. 60

Jonathan P. Williams, PharmD, MS, Assistant Director, Cleveland Clinic, Cleveland, OH ...................................... 83

Amy F. Wilson, PharmD, Associate Professor and Director, Center for Drug Information and Evidence-Based Practice, Creighton University School of Pharmacy and Health Professions, Omaha, NE ............................................. 67

Almut G. Winterstein, RPh, PhD, Professor, University of Florida, Gainesville ...................................................... 49

Eric Wombwell, PharmD, BCPS, Clinical Assistant Professor, University of Missouri - Kansas City, School of Pharmacy, Kansas City ................................................................. 61

Allie D. Woods, PharmD, Clinical Informaticist, American Society of Health-System Pharmacists, Bethesda, MD .......... 71

John L. Woon, PharmD, FASHP, Epic Willow Senior Analyst, Providence Health & Services, Spokane, WA ................. 34

Kelly Wright, RPh, MS, Manager Ambulatory Infusion Pharmacies, University of Michigan, Ann Arbor, MI ................. 39

Angela Yaniv, PharmD, BS Pharm, Assistant Director, Cleveland Clinic, Cleveland, OH ............................................. 69

John Yanoschak, RPh, MBA, Administrative Director, Pharmacy and Respiratory Therapy Services, Robert Wood Johnson University Hospital, New Brunswick, NJ ................. 84

Deniz B. Yavas, PharmD, PGY-2 Ambulatory Care Pharmacy Resident, John D. Dingell Veterans Affairs Medical Center, Detroit, MI .......................................................... 86

Olga Zaitseva, PharmD, Pharmacist, Cedars-Sinai Medical Center, Los Angeles, CA ..................................................... 72

William Zeimer, MPH, President, Pharmacy Foresight Consulting, Bethesda, MD .................................................... 63, 70, 73

David A. Zilt, MS, FASHP, (Retired) Director of Pharmacy, Respiratory Care and Policy Program Development, University of Wisconsin Hospital and Clinics, Madison .................... 73
Shuttle Service to/from Orange County Convention Center’s West Building
Estimated Wait Time: 15-20 minutes

<table>
<thead>
<tr>
<th>Service Begins (Hotel)</th>
<th>Last Bus Departs (Hotel)</th>
<th>Convention Ctr Departs</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Saturday</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>7:00am</td>
<td>4:30pm</td>
<td>5:30pm</td>
</tr>
<tr>
<td><strong>Sunday</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>7:00am</td>
<td>5:00pm</td>
<td>6:00pm</td>
</tr>
<tr>
<td><strong>Monday</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>7:00am</td>
<td>5:00pm</td>
<td>6:00pm</td>
</tr>
<tr>
<td><strong>Tuesday</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>7:00am</td>
<td>5:00pm</td>
<td>6:00pm</td>
</tr>
<tr>
<td><strong>Wednesday</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>7:00am</td>
<td>4:30pm</td>
<td>5:30pm</td>
</tr>
<tr>
<td><strong>Thursday</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>8:00am</td>
<td>2:30pm</td>
<td>3:30pm</td>
</tr>
</tbody>
</table>

ASHP Official Hotels

<table>
<thead>
<tr>
<th>Hotel</th>
<th>Route</th>
</tr>
</thead>
<tbody>
<tr>
<td>Courtyard by Marriott I-Drive/CC</td>
<td>4</td>
</tr>
<tr>
<td>Boarding: Curbside on Austrian Court</td>
<td></td>
</tr>
<tr>
<td>Crowne Plaza Universal</td>
<td>6</td>
</tr>
<tr>
<td>Boarding: Curbside on Universal</td>
<td></td>
</tr>
<tr>
<td>DoubleTree by Hilton Orlando at SeaWorld</td>
<td>5</td>
</tr>
<tr>
<td>Boarding: Main Lobby Outside Porte-Cochere</td>
<td></td>
</tr>
<tr>
<td>Embassy Suites Orlando Jamaican Court</td>
<td>4</td>
</tr>
<tr>
<td>Boarding: Curbside on Jamaican Court</td>
<td></td>
</tr>
<tr>
<td>Embassy Suites Hotel Orlando I-Drive/CC</td>
<td>2</td>
</tr>
<tr>
<td>Boarding: Curbside on International Drive</td>
<td></td>
</tr>
<tr>
<td>Hampton Inn Convention Center</td>
<td>1</td>
</tr>
<tr>
<td>Boarding: Curbside on Plaza Luz Row</td>
<td></td>
</tr>
<tr>
<td>Hard Rock Hotel at Universal</td>
<td>6</td>
</tr>
<tr>
<td>Boarding: Convention Entrance</td>
<td></td>
</tr>
<tr>
<td>Hawthorn Suites Orlando</td>
<td>5</td>
</tr>
<tr>
<td>Boarding: Curbside on Westwood</td>
<td></td>
</tr>
<tr>
<td>Hilton Garden Inn SeaWorld</td>
<td>5</td>
</tr>
<tr>
<td>Boarding: Main Lobby</td>
<td></td>
</tr>
<tr>
<td>Hilton Orlando</td>
<td>7</td>
</tr>
<tr>
<td>Boarding: Tour Bus Lobby</td>
<td></td>
</tr>
<tr>
<td>Homewood Suites by Hilton I-Drive</td>
<td>1</td>
</tr>
<tr>
<td>Boarding: Curbside on Universal @ Hyatt Place Sign</td>
<td></td>
</tr>
<tr>
<td>Hyatt Place Orlando CC</td>
<td>1</td>
</tr>
<tr>
<td>Boarding: Curbside on Universal @ Hyatt Place Sign</td>
<td></td>
</tr>
</tbody>
</table>

Wheelchair accessible transportation is available during hours of operation. Call toll free (866) 439-8563 to schedule (Please allow 30 minutes).

ASHP would like to thank Hospira for the sponsorship of the Shuttle Service.
Use these pages during sessions with color-card audience participation activities.

A

YES

TRUE

FUN FACT
Orlando has been dubbed “City Beautiful” and “O-Town.”
Use these pages during sessions with color-card audience participation activities.

Orlando is ranked #2 as the most traveled to destination by tourists. Las Vegas, of course, ranks #1.

FUN FACT
Orlando was originally named Jernigan, after the first permanent settler in the area, Aaron Jernigan. After being removed from his military position against his will, it was deemed inappropriate for the city to continue to hold the name of an officer with a negative reputation. In 1857 the city was renamed “Orlando.”
AHFS Drug Information®, 2014 Edition:

56 Years in Print.
For more than five decades, AHFS DI® has been the trusted drug resource for pharmacists worldwide. Stay abreast of the latest advancements and feel confident that critical intelligence is readily accessible and at your fingertips when you need it most.

“AHFS is the best drug information that you can find. It gives you information on the older drugs and keeps you informed about the new drugs and especially the generic forms of a drug.”
—Glenn C. Rodgers, Retired Director of Pharmacy

“It is a great reference and has just about everything that you need to know. It is great for dosing guidelines. You can also find things that you can’t find readily everywhere else, like some compounding information.”
—Atiya McNeal, Pharm.D., Pharmacy Supervisor, Novant Health Forsyth Medical Center

Pre-order the new 2014 edition now!
Ordering is easy:
Order online at www.ahfsdruginformation.com, or call 866-279-0681
Order Code: P3804
ISBN: 978-1-58528-380-4
List Price: $360 Member Price: $305

A few Numbers:

1,381 (Number of Monographs in 2013 Edition)

4,000 (Estimated Number of Pages)

42 (Number of Partners)

500 (Expert Reviewers & Editors)

7,000 (Off-Label Use Statements)

84,691 (Total References)

For the latest drug intelligence visit our newly updated website at www.ahfsdruginformation.com.