



22<sup>nd</sup> Annual

# ASHP Clinical Skills Competition<sup>SM</sup>

*Coordinator Handbook*

2017

Planned and Coordinated by:  
The ASHP Pharmacy Student Forum

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### Competition Sponsor:

ASHP Research and Education Foundation



### Competition Supporter:

Wolters Kluwer Health



## 2017 FACULTY AND JUDGES

### Faculty Co-Coordinators:

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Michele Matthews, Pharm.D., CPE, BCACP, FASHP

### National Competition Judges — Semi-Final Round:

Angela Bingham, Pharm.D., BCPS, BCNSP, BCCCP

Delia C. Carias, Pharm.D., BCPS

Holly Causey, Pharm.D., BCACP, CPP, CDE

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Antonia Pasvantis, Pharm.D., M.S., BCPS

David Pavlik, Pharm.D.

Christopher P. Shelby, Pharm.D., BCPS

Michael C. Thomas, Pharm.D., BCPS

### National Competition Judges — Final Round:

Rickey C. Miller, Pharm.D., BCPS, BCOP

Michael C. Thomas, Pharm.D., BCPS

Antonia Pasvantis, Pharm.D., M.S., BCPS

## 2016 NATIONAL COMPETITION WINNERS

### 1<sup>st</sup> Place – University of Colorado, Skaggs School of Pharmacy and Pharmaceutical Sciences

Jillian Bishop and Chelsea Mitchell

### 2<sup>nd</sup> Place – University of North Carolina Eshelman School of Pharmacy

Prutha Lavani and Jill Zaccardelli

### 3<sup>rd</sup> Place – Southern Illinois University Edwardsville School of Pharmacy

Jessica Lorenson and Abigail Buchman

## 2016 CASE WRITERS

### Local Case:

Shubha Bhat, Pharm.D.

Clinical Pharmacist/Assistant Professor

University of Illinois at Chicago

### National Case:

Tadd Hellwig, Pharm.D., BCPS

Associate Professor

South Dakota State University College of Pharmacy

## Dear 2017 ASHP Clinical Skills Competition Coordinator:

**We are pleased to announce that the 21<sup>st</sup> annual ASHP National Clinical Skills Competition in 2016 attracted teams from 131 schools and colleges of pharmacy across the nation.** Teams that won preliminary competitions at their local pharmacy schools competed in the national competition held at the ASHP Midyear Clinical Meeting in Las Vegas, NV. The 2016 national competition winners were Jillian Bishop and Chelsea Mitchell from University of Colorado, Skaggs School of Pharmacy and Pharmaceutical Sciences.

Thank you for your efforts in coordinating your school's competition this year. Your role is vital to the success of this program both locally and nationally!

Please review the materials thoroughly and contact us with any questions. We hope that this handbook is a useful resource for you and welcome your feedback.

Here are some important points to remember that will help make your competition successful:

- Work with your respective ASHP state affiliate organization and/or student society of health-system pharmacy (SSHP) to promote, organize, and conduct the competition.
- Create awareness among student participants of the forms contained in this handbook.
- Omit participant names from the competition forms to preserve confidentiality and prevent bias. A number or letter may be used to identify teams on the forms.
- Students should receive feedback on their work by receiving copies of their forms and evaluators' comments.
- Recognize supporters and volunteers.
- Most importantly – HAVE FUN!

This handbook covers all you need to know to run a successful competition; however, you may contact the ASHP Pharmacy Student Forum staff with specific questions at [students@ashp.org](mailto:students@ashp.org).

Please note, the Clinical Skills Competition forms and cases are copyrighted and, thus, property of ASHP. Duplication and distribution of these materials is permissible for purposes of the competition only.

Best regards and good luck!

Jennifer M. Belavic, Pharm.D., M.B.A., BCPS, FASCP  
Michele Matthews, Pharm.D., CPE, BCACP, FASHP  
ASHP Clinical Skills Competition Faculty Co-Coordinators

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## Introduction

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The purpose of the Clinical Skills Competition (CSC) is to encourage and recognize excellence in clinical skill development for pharmacy students. The CSC is designed to facilitate an interactive, team-based analysis of clinical scenarios for health-system pharmacists. The CSC provides pharmacy students the opportunity to enhance their skills in collaborative practice with physicians in providing direct patient care.

**The goals of the Clinical Skills Competition are to:**

1. Foster the development of clinical practice skills using all available resources;
2. Reinforce the pharmacist's responsibility for optimal drug therapy outcomes;
3. Facilitate the effective use of a systematic approach to clinical problem-solving; and
4. Utilize written and oral communication skills.

In the CSC, students work on a timed case study in pairs. Teams compete by demonstrating their skills in assessing patient information and current therapy, identifying and prioritizing drug therapy problems, identifying treatment goals, and formulating a comprehensive pharmacy care plan. A panel of judges then determines the winner of the competition using a standardized set of evaluation criteria.

Schools and colleges of pharmacy are encouraged to conduct a Preliminary Round (school-level) Clinical Skills Competition on their campus in the Fall. One winning team from each ACPE-accredited institution is invited to advance to the national level Semi-Final Round competition held during the ASHP Midyear Clinical Meeting (MCM) in December. ASHP will provide each competing team of two students a complimentary registration to attend the MCM.

## Important Dates & Deadlines - 2017

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### June – August

- Designate a faculty coordinator for the Preliminary Round (school-level) CSC
- Review CSC Coordinator Handbook
- Ask ASHP state affiliate to sponsor the CSC (provide lunch, prizes, etc.)
- Work with school to secure funding for winning student team to attend the ASHP Midyear Clinical Meeting
- Complete online Report Form A by **July 25** (available at [www.ashp.org/clinicalskills](http://www.ashp.org/clinicalskills))
- Determine a date and time for the CSC (to be held before November 1)

### August – September

- CSC faculty coordinators receive confidential case and answer key (These documents will be emailed with log in information by **August 1.**) *Please note: student coordinators are not eligible to receive these files.*
- Reserve room in school for CSC (Ideally each table would have two chairs for teams to work)
- Reserve video equipment if recording oral presentations for judges
- Schedule an informational meeting for students to learn about the CSC
- Promote CSC in:
  - All didactic classes / Experiential rotations / Pharmacy fraternities, sororities, organizations / student society of health-system pharmacy (SSHP) / other pharmacy student societies and ASHP state affiliate
- Display posters (enter your CSC's date/time) around your school to publicize the event (posters are shipped to faculty advisors with ASHP's student membership materials in August).
- Display flyer from Wolters Kluwer Health about the free trial of Lexi-Complete™ with AHFS Essentials™ for students competing this year. The flyer is available on the ASHP website.
- Email, post online and/or print promotional flyer available online.
- Recruit judges for CSC (state affiliate members, experiential rotation preceptors, faculty, residents in local ASHP-accredited residency programs).
- Schedule judges' workshop/meeting to review case and evaluation forms.
- Students should receive the following upon registering:
  - Competition date, time, and location
  - Blank forms (Patient Database Form & Care Plan)
  - Practice case and answer key from previous National CSC competitions (available online)
  - A list of references available during the competition
  - Evaluation criteria
- Reserve hotel room(s) at the Midyear Clinical Meeting for the winning student team at [www.ashp.org](http://www.ashp.org)

### September – October

- Judges should receive the following before the competition:
  - Competition date, time, and location
  - Evaluation criteria
  - Official 2017 CSC Preliminary Round (school-level) case and answer key [CONFIDENTIAL]
- Conduct judges' workshop
  - Review case answer key, discuss scoring and questions for oral presentation round
- Remind students of the local registration deadline to compete in the CSC
- Copy the Official 2017 CSC School-Level Preliminary Round case and the accompanying forms
- Gather references to be used in CSC
- Conduct CSC**
- Local winners plan travel itinerary to arrive at the Midyear Meeting in Orlando, FL on Friday, December 1.
- Ensure that winning team members have a current ASHP membership, and submit their names via Online Report Form B by **November 1.**

- Complimentary meeting registrations will be processed throughout the month of November due to the large number of CSC participants.
- Report the winners of the CSC to the state affiliate and pharmacy school administration.
- Provide feedback to student participants. Return case materials to students, distribute answer key and hold debrief session to discuss case.

**November**

- Prepare winners to participate in the National Clinical Skills Competition.

## Preliminary Round (School-Level) Competition

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### **Eligibility**

**Preliminary Round (school-level)**—Eligibility to participate in the preliminary round (school-level) CSC is to be determined by the school-level CSC faculty coordinator or other officials. Schools may use the national-level CSC criteria and/or impose additional eligibility restrictions at their discretion. Note that while students are not required to be ASHP members to compete in the preliminary round (school-level) competition, only ASHP student members enrolled in ACPE-accredited (including “candidate” status) pharmacy programs are eligible to advance to the national level competition. Schools must confirm membership status of the winning team members and provide valid ASHP member ID numbers when submitting this information to ASHP via Online Form B. We cannot process a complimentary Midyear Meeting registration for a student who is not a current member.

**Semi-Final and Final Rounds (national-level)**—Eligibility to participate in the national-level CSC is open to ASHP student members enrolled in a full-time ACPE accredited Doctor of Pharmacy program. One winning team of two (2) students from each ACPE-accredited (including “candidate” status) pharmacy program is invited to advance to the national-level competition.

**It is important to note that only one Preliminary Round (school-level) competition may be held per ACPE-accredited school or college. Schools with more than one campus should collaborate to hold a joint competition and determine the winning team to represent the entire school.**

NOTE: Students who are enrolled in a Doctor of Pharmacy program and are currently licensed practitioners are not eligible to participate in the CSC unless they have never practiced pharmacy in any state.

### **Confidentiality**

ASHP and the CSC coordinators believe it is critical for students to conduct themselves in a manner consistent with the best ethical principles of the profession of pharmacy. Students should participate in the competition in accordance with the following rules and regulations detailed in the CSC handbook. Students should not share knowledge of the case outside of their team or outside of the competition. The CSC registration form contains a confidentiality statement for the student competitors to sign.

### **Registration**

Eligible students are encouraged to register in self-selected teams of two. However, individual students may sign up to be placed in teams of two by the Preliminary Round (school-level) CSC faculty coordinator. All registration should be completed no later than two weeks before the competition. Please use the registration form included in this handbook. There is no registration fee for the preliminary competition, although it is expected that the winning team from each school will participate in the national competition. Please review eligibility requirements for the national-level competition before selecting winning team.

### **CSC Cases**

ASHP will provide all participating schools or colleges of pharmacy with an electronic copy of the official school-level CSC case. The previous year’s CSC national and school-level cases with answer keys will be available on the ASHP website for students to download to practice and prepare for their Preliminary Round (school-level) competition. The national case is generally more challenging than the school-level case. Please note that competition cases are not limited to a particular practice setting, disease state, or type of drug therapy.



# Clinical Skills Competition Format

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## **Part I: Written Case**

Each student team has two (2) hours to create a written Pharmacist's Care Plan for the case provided. ASHP will provide the official Preliminary Round (school-level) case to the CSC faculty coordinator for the school or college no later than August 1. The case will be e-mailed as a password-protected PDF file, and we will include instructions for accessing the case. Student coordinators are not eligible to receive the case materials.

Each team packet for the written competition should include the following documents:

- 1 CSC school-level Preliminary Round Case
- 1 Pharmacist's Patient Database Form
- 3 Pharmacist's Care Plans\*
- 2 Sheets of blank paper

*\*several blank copies of this form should be distributed to students upon registration (seven copies are supplied at the national level)*

### ***Pharmacist's Patient Database Form***

This form contains the patient's demographic, administrative, medical, laboratory, drug therapy, behavioral, and socioeconomic information. This is the information students will need to make patient-specific drug therapy decisions that reflect pharmaceutical care. **This form is for the students' reference only—it will not be scored by the judges.**

### ***Pharmacist's Care Plan***

**The Pharmacist's Care Plan is the only document that will be reviewed and scored by the judges.** Ideally, each team's Care Plan should clearly outline each drug-related problem found in the case, including (but not limited to) treatment of all acute and chronic disease, resolution of all actual and/or potential drug-related problems, recommendation of additional healthcare services from which the patient may benefit, and identification of appropriate risk factor reduction and disease prevention strategies.

Students should be instructed to complete their Care Plans in the following manner:

- List all health care problems that need to be addressed in this patient in the "Health Care Problem" column.
- Prioritize the problems by indicating the appropriate number in the "Priority" column:
  - 1** = Most urgent problem (there can only be one urgent problem)
  - 2** = Problems to be addressed immediately or during this clinical encounter
  - 3** = Problems to be addressed later (e.g. a week or more later/at discharge or next follow up visit)
- For each problem, describe the following:
  - Therapeutic goals
  - Recommendations for therapy
    - Pharmacologic and non-pharmacologic therapies
  - Monitoring parameters and therapeutic endpoints
    - Frequency of follow-up
    - Endpoints should be measured using defined parameters
      - Clinical, laboratory data; quality of life, etc.
      - Set target dates for achieving endpoints

## **References**

Student teams should be provided with an adequate supply of references with which they may consult during the written portion of the competition (one copy of each reference for every 5 teams is suggested). While printed texts are provided at the national competition, schools may feel free to provide electronic references. We are grateful for the support of Wolters Kluwer Health. This year's support will include a free trial of Lexi-Complete™ with AHFS Essentials™ for those students that do not already have a subscription. Students competing in local competitions may be allowed to access the free trial on their personal handheld device during the written portion of your local competition. They will have full use of the product until December 3, 2017. Those that do not already have a subscription can sign up using the flyer on the CSC website.

Schools should inform participating students in advance which references will be available during the local competition. Core references supplied by the school should include texts (electronic or hard copy) that provide information on the following topics:

- Therapeutics
- Drug information
- Drug interactions
- Interpretation of laboratory data
- General medicine
- Pharmacokinetics

At the national-level CSC, approved references consist of copyrighted, printed texts and each team will have access to one iPad mini device that has been preloaded with Lexi-Complete™ with AHFS Essentials™ with unrestricted internet access. Other computer software and/or electronic devices (PDAs) are prohibited at the national competition. **The use of personal or classroom notes are prohibited at the national competition.**

References available at the Semi-Final Round (national-level) CSC include:

- American Hospital Formulary Service (AHFS)
- Basic Skills in Interpreting Laboratory Data (Lee)
- Applied Therapeutics (Young, Koda-Kimble)
- Pharmacotherapy (DiPiro)
- Clinical Pharmacokinetics (Murphy)
- Steadman's Concise Medical Dictionary
- Lexi-Comp's Drug Information Handbook
- Lexi-Complete™ with AHFS Essentials™

## **Part II: Oral Case Presentation**

Upon completion of the written portion of the competition, each student team will give an oral presentation to the judges justifying their care plan recommendations. A total of 10 minutes will be allotted for each presentation, which includes a two (2) minute presentation period and an eight (8) minute question and answer period.

Two minute student case presentations should include the following:

- The students' names and school or college of pharmacy
- Brief summary of the patient's condition, listing all health problems that require immediate attention
- Complete treatment plan **for the most urgent problem only**, including therapeutic goals, recommendations for therapy, and monitoring parameters, endpoints

Example:

“Hello, my name is Michael Smith and this is my teammate Sarah Jones. We are students at the ACME University School of Pharmacy. Our patient SJ is a 62-year old male admitted with a CVA, hypertension, and probable bacterial pneumonia, all of which require immediate attention. The CVA is his most urgent problem. After ruling out hemorrhagic stroke with a CT/MRI, our therapeutic goals are to stop progression of the intracranial thrombosis, prevent further neurological damage, and minimize complications of therapy. We chose to begin IV alteplase (provide dose, frequency, duration of therapy, monitoring parameters, and therapeutic endpoints) . . . .”

### **Part III: Evaluation**

ASHP will provide all participating schools or colleges of pharmacy with an answer key and judges’ notes written by the author of the school-level preliminary round case. This answer key is intended to represent a Care Plan that a student team could reasonably be expected to produce during the two-hour competition period. Both the case and the answer key have been peer reviewed, but there are often several different approaches to improve therapy that may be deemed “appropriate” by the judges. ASHP asks that the evaluators use the official answer key to facilitate a more objective evaluation and to promote consistency among scoring.

ASHP recommends each school recruit 2–3 judges for the competition. If possible, the same judges should evaluate all teams. If a school is conducting a Preliminary Round on multiple campuses, it is suggested that all oral presentations be video recorded so that the judges can evaluate all teams at the same time. Judges should review the case summary and answer key prior to the competition, and use the forms provided to evaluate each team. ASHP also recommends that schools hold a brief workshop/overview for all judges to discuss any questions prior to the competition.

Judges will score the Pharmacist’s Care Plan and the oral presentation using the answer key and evaluation forms provided by ASHP. In the event of a tie, the team with the highest score on the Pharmacist’s Care Plan will be declared the winner of the school-level Preliminary Round competition.

## **Evaluation and Scoring of Pharmacist's Care Plan (100 points + 10 bonus points)**

### ***Problem Identification and Prioritization (30 points total)***

- The most urgent problem is correctly identified (15 points)
- Problems that need to be addressed immediately or during this clinical encounter are identified (10 points)
- Problems that can be addressed later (e.g., a week or more later/at discharge or next follow up visit) are identified (5 points)

### ***Therapeutic Goals (15 points total)***

- Goals are individualized, appropriate, and realistic
  - Priority 1 goals (10 points)
  - Priority 2 and 3 goals (5 points)

### ***Recommendations for Therapy (40 points total)***

- Recommendations are individualized, realistic, and consistent with medical standards and principles of evidence-based medicine
  - Priority 1 recommendations (20 points)
  - Priority 2 recommendations (15 points)
  - Priority 3 recommendations (5 points)

### ***Monitoring Parameters and Endpoints (15 points total)***

- Parameters are practical and effective measures of the desired endpoint
- Endpoints are reasonable and appropriate choices for the patient
- Frequency is reasonable for the plan and appropriate for the patient
  - Priority 1 monitoring parameters and endpoints (10 points)
  - Priority 2 monitoring parameters and endpoints (5 points)

### ***Bonus Points***

- Judges may award up to 10 bonus points at their own discretion

## **Evaluation and Scoring of Oral Case Presentation (100 points + 10 bonus points)**

### ***Presentation Skills (30 points)***

- Verbal communication —clear, coherent, concise, complete, organized, convincing, confident
- Non-verbal behavior —eye contact, facial expressions, body language, voice, demeanor, presence
- Interpersonal—warmth, compassion, manners/tact, professionalism

### ***Case Summarization (10 points)***

- Utilization of time provided to present case

### ***Pharmacotherapy Knowledge (20 points)***

- Demonstration of knowledge that incorporates an understanding of important drug principles
- Ability to integrate drug knowledge into patient care

### ***Defense of Recommendations (40 points)***

- Problem solving and decision-making
- Therapeutic rationale
- Use of evidence to support recommendations
- Responsiveness to judges' questions

### ***Bonus Points***

- Judges may award up to 10 bonus points at their own discretion

**MAXIMUM TOTAL POINTS FOR ENTIRE COMPETITION = 200 POINTS + 20 BONUS POINTS**

## **Part IV: Competition Wrap-up**

At the conclusion of the school-level Preliminary Round Competition, the CSC faculty coordinator should submit the ASHP Clinical Skills Competition Report Form B available on the ASHP website **no later than November 1**. You will need to have the following information available in order to complete Report Form B:

1. names of your two winning team members,
2. mailing addresses,
3. preferred email addresses,
4. ASHP member ID numbers. (They must hold current ASHP student memberships to participate in the national competition.)

Please let your team members know that complimentary MCM registrations will be processed throughout the month of November.

The coordinator should return the case and answer key to the student teams and hold a debriefing session to review the case.

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## **Prizes/Awards**

Awards may be provided locally by the school or college of pharmacy, student society of health-system pharmacy, or ASHP state affiliate.

ASHP provides complimentary registration to the Midyear Clinical Meeting to the winning student team from each school. If the school's winning team cannot participate in the national CSC, no substitute prizes will be awarded in lieu of the complimentary registration. Registration is transferable only to individuals participating in the national competition.

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## **Important Tips for a Successful Preliminary School-Level Competition**

- Publicize your competition to faculty members and students
- Encourage students to review the practice cases online in advance of the competition
- Provide food or prizes for participants as an incentive for students to register for the competition
- Ask your state and/or local society of health-system pharmacy about sponsoring the competition by providing lunch for the participants or prizes for the winners
- Provide one set of references for every 5 teams participating in the competition
- Hold a brief workshop/learning session for judges; make sure there is a consensus on how the case will be scored

## National Competition at the ASHP Midyear Clinical Meeting

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The 2017 National Clinical Skills Competition will be held during the ASHP Midyear Clinical Meeting in Orlando, FL. It is a two-day event, completed in two phases. Only student teams that have qualified at a school-level Preliminary Round competition and are current ASHP members are eligible to participate in the national competition. Cases used in the national competition use the same format as the cases used in the school-level competition, but have an advanced level of difficulty.

*This information is provided in detail to student teams who will advance to the national competition. Final details and the competition schedule will be available to school winners in November. Please be sure to provide ASHP with the correct email addresses for your school's winners to ensure prompt receipt of these materials.*

*Winners' contact information and ASHP member ID number must be submitted to ASHP via Form B.*

**PLEASE NOTE: Convention center rooms are large and typically cold. Participants are encouraged to bring a sweater.**

### **Semi-Final Round (national-level): Written Case—Saturday, December 2**

Each student team has **2 hours** to complete the written portion of the competition. The written competition is a closed session—no visitors, faculty, or other students are permitted in the competition room at any time. Competition monitors will notify competitors when there are 60, 30, 15, and 5 minutes remaining in the competition. Teams may not take anything from or bring anything into the competition room while the competition is in progress. ASHP will provide all necessary materials including calculators, scratch paper, pencils, etc. for student teams to complete their written Pharmacist's Care Plans. No other personal items may be on the students' desks during the competition without permission of the competition monitors.

There are five (5) national-level semi-final round sessions scheduled on Saturday, December 2<sup>nd</sup>, with the first registration session beginning at 7:00 AM. The competition schedule will be finalized and sent to all participating schools by the middle of November. It is **strongly encouraged** that student teams arrive in on Friday, December 1 to avoid potential travel delays and to plan their trip from their hotels to the competition room in the convention center. The top ten finalist teams will be announced at the Midyear Meeting during the ASHP Pharmacy Student Forum Opening Session on Sunday morning. After the announcement is made, the list of teams will be posted at the CSC registration table, the Membership Info Center and at Meeting Info.

### **Final Round (national-level): Oral Presentation—Sunday, December 3**

As in the preliminary round competition, a total of **10 minutes** will be allotted for each presentation, which includes a **2 minute presentation period** and an **8 minute question and answer period**. The oral presentation should follow the same format described in the regional competition instructions. The top ten finalists present their cases in random order—students should be prepared to wait up to 4 hours in a holding room until they have presented. Teams are sequestered until they complete their oral presentation.

Other meeting attendees are invited to observe the final round of oral presentations. Winners of the national CSC will be announced during an awards ceremony on Sunday evening.

### **Prizes/Awards**

Members of the top ten finalist teams will each receive an iPad mini preloaded with Lexi-Complete™ with AHFS Essentials™ and a choice of 1 of 4 ASHP Self-Assessment Resources. In addition to these prizes, members of the first place winning team will each receive a \$500 cash award, individual first place trophies, and a large first place trophy for their school or college of pharmacy.

## Appendix: Clinical Skills Competition Documents

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- CSC Registration Form
- Pharmacist's Patient Database Form
- Pharmacist's Care Plan
- Evaluator Score Sheet – Written Case (**will be sent with case materials in August**)
- Evaluator Score Sheet – Oral Presentation

## ASHP CLINICAL SKILLS COMPETITION PRELIMINARY ROUND (SCHOOL LEVEL) REGISTRATION FORM

Students should register **at least 2 weeks** before the competition. Upon registering, both members of the team should receive a practice case with answer key, blank forms, a list of acceptable references and evaluation criteria.

**In consideration of participating in the ASHP Clinical Skills Competition ("CSC"), each of the undersigned students agrees that he/she has not seen or discussed the substance of the preliminary round case and related answer key (the "Case") with anyone, and further agrees that he/she will not discuss the substance of the Case with anyone until the later of (a) November 1, 2017, or (b) the conclusion of the preliminary rounds of the CSC.**

TEAM #	TEAM MEMBER 1	TEAM MEMBER 2
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		



**ASHP CLINICAL SKILLS COMPETITION  
PHARMACIST'S PATIENT DATA BASE FORM**

Demographic and Administrative Information							
Last Name	First Name	Date of Birth	Patient ID	Room & Bed:	Height	Weight	Race
Religion:							
Physician:							
Pharmacy:							
Prescription Coverage							
Insurance:							
Copay:							
Cost per month:							
Annual Income:							

Chief Complaint

History of Present Illness

Past Medical History
OB History
Surgical History
Family History
Vaccination history

**ASHP CLINICAL SKILLS COMPETITION  
PHARMACIST'S PATIENT DATA BASE FORM**

<b>Current Drug Therapy/Indication</b>			
<i>Drug Name/Dose/Strength/Route</i>	<i>Prescribed Schedule</i>	<i>Duration Start-Stop Dates</i>	<i>Compliance/Dosing Issue</i>
1.			
2.			
3.			
4.			
5.			
6.			
7.			

**Allergies/Intolerances**

**Medication History**

<b>Physical Exam</b>	<b>Date:</b>

<b>Labs</b>					
<i>Test</i>	<i>Units</i>	<i>Results</i>			
		Date:	Date:	Date:	Date:
Na	mEq/L				
K	mEq/L				
Cl	mEq/L				
CO <sub>2</sub>	mEq/L				
BUN	mg/dL				
SCr	mg/dL				
Glucose	mg/dL				
Calcium	mg/dL				
Magnesium	mEq/L				
Albumin	g/dL				
AST	IU/L				
ALT	IU/L				
Total bili	mg/dL				
WBC	million/mm <sup>3</sup>				
Hgb	g/dL				
Hct	%				
MCV	fL				
MCH	pg				
RBC	mil/uL				
Plt	K/mm <sup>3</sup>				
Prottime	sec				
INR					
PTT	sec				
Uric Acid	mg/dL				
Urine protein					
24 hour urine protein					

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**This form is to be used ONLY in the ASHP Clinical Skills Competition.  
Any other use of this form requires permission from ASHP.**

**ASHP CLINICAL SKILLS COMPETITION  
PHARMACIST'S PATIENT DATA BASE FORM**

<b>Cultures and pregnancy screens</b>	Date:	Date:		
Blood type:				
Rubella:				
Varicella Zoster IgG Antibody:				
Hepatitis B Surface Antibody:				
Hepatitis B Surface Antigen:				
Hepatitis C Virus Antibody:				
Gonorrhea/Chlamydia:				
Rapid Plasma Reagin:				
Herpes Simplex Virus:				
HIV 1 and 2 Antibody Screen:				
Vaginal cx				

<b>Urinalysis</b>	Date:	Date:	Date:	Date:
Appearance:				
Bili:				
Glucose:				
Ketones				
Hgb:				
LE:				
pH:				

<b>Patient Narrative</b>

## Pharmacist's Care Plan

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Using the patient's data, you will be able to develop an effective care plan for your patient. Clearly define the health care problems. Health care problems include treatment of all acute and chronic medical problems, resolution of all actual or potential drug-related problems, and identification of any other health care services from which your patient may benefit.

Remember to think about potential medical problems for which your patient may be at risk and disease prevention and disease screening activities that may be appropriate to recommend. Also, don't forget to consider specific patient factors that may influence your goals and recommendations for therapy (e.g., physical, psychological, spiritual, social, economic, cultural, and environmental).

To complete your care plan, specify all of your patient's health care problems that need to be addressed. Then prioritize the problems into one of three categories: (1) Most urgent problem, (2) Other problems that must be addressed immediately (or during this clinical encounter), OR (3) Problems that can be addressed later (e.g. a week or more later/at discharge or next follow up visit). Please note that only **one** problem should be identified as the "most urgent problem."

Then **for each problem** describe the (1) therapeutic goals, (2) recommendations for therapy, and (3) monitoring parameters and endpoints. Your monitoring parameters should include the frequency of follow-up and endpoints should be measurable by clinical, laboratory, quality of life, and/or other defined parameters (e.g., target HDL is greater than 50 mg/dL within 6 months).

## ASHP Clinical Skills Competition - Pharmacist's Care Plan

Evaluated for competition
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### Problem Identification and Prioritization with Pharmacist's Care Plan

Team # \_\_\_\_\_

- A. List all health care problems that need to be addressed in this patient using the table below.
- B. Prioritize the problems by indicating the appropriate number in the "Priority" column below:
  - 1 = Most urgent problem (Note: There can only be one most urgent problem)
  - 2 = Other problems that must be addressed immediately or during this clinical encounter; **OR**
  - 3 = Problems that can be addressed later (e.g. a week or more later/at discharge or next follow up visit)

*\*Please note, there should be only a "1", "2", or "3" listed in the priority column, and the number "1" should only be used once.*

Health Care Problem	Priority	Therapeutic Goals	Recommendations for Therapy	Monitoring Parameters and Endpoints

**ASHP Clinical Skills Competition - Pharmacist's Care Plan**

Evaluated for  
competition

**Problem Identification and Prioritization with Pharmacist's Care Plan**

Team # \_\_\_\_\_

Health Care Problem	Priority	Therapeutic Goals	Recommendations for Therapy	Monitoring Parameters and Endpoints



**ASHP CLINICAL SKILLS COMPETITION**

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**Evaluator Score Sheet – Oral Competition**

Evaluator # \_\_\_\_\_ Evaluator Name (optional) \_\_\_\_\_

Team # \_\_\_\_\_ Team Members' Names (optional) \_\_\_\_\_

**ORAL CASE PRESENTATION (110 points: 100 Points + 10 bonus points)**

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	Poor	Below Average	Average	Good	Excellent
<b>Presentation Skills (30 Points Total)</b>					
Verbal communication —clear, coherent, concise, complete, organized, confident, convincing	2	4	6	8	10
Nonverbal behavior—eye contact, facial, expressions, body language, voice, demeanor, presence	2	4	6	8	10
Interpersonal —warmth, compassion, manners/tact, professionalism	2	4	6	8	10

**Score:** \_\_\_\_\_

**Case Summarization (10 Points Total)**

Appropriate utilization of time provided to present case	2	4	6	8	10
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**Score:** \_\_\_\_\_

**Pharmacotherapy Knowledge (20 Points Total)**

Demonstration of knowledge that incorporates an understanding of important drug principles	2	4	6	8	10
Ability to integrate drug knowledge into patient case	2	4	6	8	10

**Score:** \_\_\_\_\_

**Defense of Recommendations (40 Points Total)**

Problem-solving and decision-making	2	4	6	8	10
Therapeutic rationale	2	4	6	8	10
Use of evidence to support recommendations	2	4	6	8	10
Responsiveness to judges' questions	2	4	6	8	10

**Score:** \_\_\_\_\_

**Bonus Points (10 Points Total) – optional:** \_\_\_\_\_ **Reasoning:** \_\_\_\_\_

**Final Oral Score:** \_\_\_\_ + **Written Score:** \_\_\_\_\_ = **Overall Score:** \_\_\_\_\_



## Acknowledgments

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