# Preceptor's Handbook FOR PHARMACISTS

Third Edition

## Lourdes M. Cuéllar, MS, RPh, FASHP

Administrative Director of Pharmacy Clinical Support Services and Outpatient Medical Clinics TIRR Memorial Hermann Houston, Texas

## Diane B. Ginsburg, PhD, RPh, FASHP

Clinical Professor and Assistant Dean for Student Affairs The University of Texas at Austin College of Pharmacy Austin, Texas



Any correspondence regarding this publication should be sent to the publisher, American Society of Health-System Pharmacists, 7272 Wisconsin Avenue, Bethesda, MD 20814, attention: Special Publishing.

The information presented herein reflects the opinions of the contributors and advisors. It should not be interpreted as an official policy of ASHP or as an endorsement of any product.

Because of ongoing research and improvements in technology, the information and its applications contained in this text are constantly evolving and are subject to the professional judgment and interpretation of the practitioner due to the uniqueness of a clinical situation. The editors and ASHP have made reasonable efforts to ensure the accuracy and appropriateness of the information presented in this document. However, any user of this information is advised that the editors and ASHP are not responsible for the continued currency of the information, for any errors or omissions, and/or for any consequences arising from the use of the information in the document in any and all practice settings. Any reader of this document is cautioned that ASHP makes no representation, guarantee, or warranty, express or implied, as to the accuracy and appropriateness of the information contained in this document and specifically disclaims any liability to any party for the accuracy and/or completeness of the material or for any damages arising out of the use or non-use of any of the information contained in this document.

Director, Special Publishing: Jack Bruggeman

Acquisitions Editor: Jack Bruggeman

Editorial Project Manager: Ruth Bloom

Editorial Resources Manager: Bill Fogle

Cover & Page Design: David Wade

#### Library of Congress Cataloging - in - Publication Data

Preceptor's handbook for pharmacists / [edited by] Lourdes M. Cuéllar, Diane B. Ginsburg. -- Third edition.

p.; cm.

Includes bibliographical references and index.

ISBN 978-1-58528-495-5

I. Cuéllar, Lourdes M., editor. II. Ginsburg, Diane B., editor. III. American Society of Health-System Pharmacists.

[DNLM: 1. Education, Pharmacy-methods. 2. Preceptorship-methods. QV 20]

RS110

615'.1076--dc23

2015031589

 $\ensuremath{\mathbb{C}}$  2016, American Society of Health-System Pharmacists, Inc. All rights reserved.

No part of this publication may be reproduced or transmitted in any form or by any means, electronic or mechanical, including photocopying, microfilming, and recording, or by any information storage and retrieval system, without written permission from the American Society of Health-System Pharmacists.

ASHP is a service mark of the American Society of Health-System Pharmacists, Inc.; registered in the U.S. Patent and Trademark Office.

ISBN: 978-1-58528-495-5

## Dedication

We dedicate this edition to those who have the passion to teach and give back to others; those who understand the importance of giving and educating the next generation of pharmacist practitioners.

Paulo Coelho in *The Witch of Portobello* has a great description of a teacher in the following quote: "What is a teacher? I'll tell you: it isn't someone who teaches something, but someone who inspires the student to give of his or her best in order to discover what they already know."

We are especially thankful to those who were our first and most important teachers and have self-lessly given to us throughout our lives: our late parents, Phyllis Ginsburg, and Celso and Matiana Cuéllar. We honor their memories by giving to others.

## Contents

| DEDICATION   | .III |
|--|------|
| FOREWORD   | .vii |
| PREFACE  | .ix  |
| ACKNOWLEDGEMENTS   | .xi  |
| CONTRIBUTORS   | .xii |
| CHAPTER 1: Precepting Fundamentals<br>Steven L. Sheaffer, Christina E. DeRemer, and Nancy T. Yam                         | .1   |
| CHAPTER 2: Necessary Skills for Effective Preceptors<br>Kristina L. Butler, Rochelle M. Roberts, and Holly J. Phillips   | .X   |
| CHAPTER 3: Successful Preceptor-Learner Relationships<br>Michael G. Liebl, Alex C. Varkey, and Jenny A. Van Amburgh      | .X   |
| CHAPTER 4: Mentors  Debra S. Devereaux and David A. Zilz   | .X   |
| CHAPTER 5: Goals of Experiential Education<br>Eric C. Kutscher and Dale E. English II                                    | .X   |
| CHAPTER 6: Fundamentals of Experiential Teachingx<br>Tammy Cohen, Melanie A. Dodd, Dehuti A. Pandya, and Jason L. Trahan | .X   |
| CHAPTER 7: Administrative Aspects of Practice  | .X   |
| CHAPTER 8: Precepting in New Practice Models   | .X   |
| CHAPTER 9: Legal and Ethical Aspects of Practice   | .X   |
| CHAPTER 10: Sociological Attributes of Pharmacy Practice   | .X   |
| CHAPTER 11: Professionalism and Professional Socialization<br>Lea S. Eiland, Nishaminy Kasbekar, and John E. Murphy      | .X   |
| CHAPTER 12: Partnerships with Schools  | .X   |
| CHAPTER 13: Career Advising  Michael D. Sanborn and Scott E. Mambourg  | .X   |
| CHAPTER 14: Pharmacy Residencies and Fellowships  Tony Huke, Christine A. Hall, and Michelle W. McCarthy                 | .X   |
| NDEX   | x    |

## Foreword

The role preceptors play in mentoring future generations of pharmacists is vital to patient care and to the future of our profession. The positive imprint that an exceptional preceptor, mentor, or teacher can make on students or residents at the point in their career when they are learning to apply the fundamentals of practice and developing their professional self-image is unmistakable.

Those of us who have been in practice for some time can recall that exceptional individual early in our education and training who provided us with ongoing mentoring, sage advice, and feedback. An individual that didn't just have us recite facts but pushed us to broaden our thinking and stretch the limits of our knowledge. This individual shaped our inner beings as professionals and it is his or her voice we still hear in the back of our minds as we seek solutions to complex problems.

Becoming a preceptor, with the ability to create a positive and lifelong impact on a young professional, requires diligence, preparation, and experience. Learning by doing is one part of becoming an exceptional preceptor, but applying contemporary best practices and structured methods derived from the most knowledgeable experts in the field is even more important.

Preceptors also benefit greatly from the knowledge gained from reverse mentoring, or learning from their students and residents. Therefore, the relationship between preceptor and student is clearly two-way and vital to the preceptor's ongoing effectiveness.

In this third edition of the *Preceptor's Handbook for Pharmacists*, Cuéllar and Ginsburg achieve an impressive feat by assembling some of the top leaders and preceptors in the profession of pharmacy and encapsulating their collective knowledge and experience into this concise and insightful text. I am confident that anyone who delves into this excellent resource will undoubtedly walk away with enhanced knowledge that can be immediately applied in his or her role as a preceptor. Most importantly, this handbook has the resources to help preceptors become that unique and memorable individual students will credit with shaping them as professionals and helping them be the best pharmacists they can for the patients they serve.

Paul W. Abramowitz, PharmD, ScD (Hon), FASHP Chief Executive Officer ASHP

## Preface

If a teacher is indeed wise he does not bid you enter the house of his wisdom, but rather leads you to the threshold of your own mind.

Kahil Gibran

How do you measure the worth of the outstanding preceptors and mentors that have come into our lives? Each one of us demonstrates or exemplifies characteristics or skills that we learned along the path toward becoming the pharmacists we are today

We have been very fortunate to have significant influences in our lives that have guided our personal and professional development. These individuals contributed toward our development as pharmacist practitioners, educators, preceptors, mentors, and leaders within our profession. They taught us to focus on each of our patients, students, and residents individually; to listen actively and communicate with empathy, compassion, and understanding; and to be active participants of a multidisciplinary team.

Our mentors set the bar high, guided us through the learning process, and always provided positive, constructive feedback. They challenged us to look for innovative ways to change our practice for the betterment of our patients. By setting high standards, they set the example for us.

The need for proficient, energetic preceptors has never been greater. This new edition, like the previous editions, is designed to provide pharmacists with critical information about preceptor programs around the United States and to help preceptors design a dynamic and effective experiential program at their practice site. We have identified topics that we believe are important for preceptors at all levels and practice sites. We have added two new chapters to this edition, on administrative practice and precepting in new practice models. This book is meant to be comprehensive, and topics are organized by common areas of skills or proficiencies.

To be an effective preceptor, a pharmacist should exhibit clinical competency skills, possess excellent written and verbal communication skills, and also demonstrate humanistic skills, such as listening, compassion, empathy, and observation. We invited pharmacists from across the country and from different or unique practice programs to bring their expertise to this edition. The intent is for this book to be reflective on broad practice guidelines.

One of the greatest satisfactions for the pharmacist today is mentoring students, residents, and young practitioners. We are both still in contact with many of our former students and residents we have had the privilege to precept. It is difficult to express the pride and satisfaction one feels as learners you have mentored and precepted develop into outstanding professionals and clinicians.

How do you measure the worth of exemplary preceptors and mentors? You cannot. You thank them for their selfless contributions by practicing and enhancing the skills and training they provided. Most importantly, you pass these gifts on to the next generation of practitioners.

Lourdes M. Cuéllar Diane B. Ginsburg 2015

## Acknowledgments

**Passion** is defined as "extreme, compelling emotion; intense emotional drive or excitement." When one decides to teach another, it is this emotion, this excitement about seeing others develop, that overcomes and satisfies this passion and encourages us to do more. To teach is to have passion and dedication for others, a selfless giving of your time and commitment. This passion is at the very core of what we do as individuals and professionally as practitioners.

When we began the first edition, we knew there were many who shared our same passion for teaching and developing others. Throughout the first and second editions we were fortunate to work with so many contributors who understood this passion. Anyone who has ever precepted a student knows the importance of giving back to the profession by assisting in the development of its future practitioners. This third edition brings new perspectives, as we welcome new authors to this handbook. We are truly grateful to all who have contributed and thank you for your leadership and commitment to the future of this profession. As with prior editions, we hope this text continues to be a valuable guide for those who are embarking on this aspect of their practice. There are few things more rewarding than knowing you have helped develop another pharmacist and perhaps added to the continuous, evolving practice of our profession.

We want to thank those who have impressed on us the importance of giving back—the many students and residents we have taught and mentored over the years. All of you have imparted many important lessons and are the reason we both actively teach today. All of you have touched our lives in immeasurable ways, and we are committed to those who will be teaching and leading practice in the future.

We want to thank our editors and staff at ASHP for their assistance with the publication of this third edition. We greatly appreciate your support, insight, and understanding of the need for this type of guide for practitioners.

In addition, we want to thank the true inspiration in our lives, our late parents, who instilled in each of us the importance of giving back and helping others. We were fortunate to have had such incredible role models in our lives. We honor their memory by giving to others.

Lourdes M. Cuéllar Diane B. Ginsburg

This section is being updated and corrected via emails sent to all contributors. We have received numerous corrections and all will be integrated.

## Contributors

## David D. Allen, PhD, RPh, FASHP

Dean and Professor University of Mississippi School of Pharmacy University, Mississippi

## Kristy Brittain, PharmD, BCPS, CDE

Clinical Pharmacy Specialist, Director Community Pharmacy Residency Medical Center of South Carolina Charleston, South Carolina

# Kristina L. Butler, PharmD, BCPS, BCACP, FASHP

Manager, Clinical Pharmacy Specialists Providence Medical Group, Clinical Pharmacy Department Portland, Oregon

## Nicole J. Clark, MHA, PharmD, MHA, BCPS

Pharmacy Clinical Practice and Education Manager, Residency Program Director Hallmark Health System Medford, Massachusetts

## Tammy Cohen, MS, PharmD, FASHP

Vice President Pharmacy Services Baylor Scott & White Health Dallas, Texas

## Lourdes M. Cuéllar, MS, RPh, FASHP

Administrative Director of Pharmacy Clinical Support Services and Outpatient Medical Clinics TIRR Memorial Hermann Houston, Texas

## Christina E. DeRemer, PharmD, BCPS

Primary Care Clinical Pharmacist and Medicine Team Supervisor Georgia Regents Medical Center Augusta, Georgia

# Debra S. Devereaux, MBA, RPh, BCACP, FASHP

SVP Pharmacy Solutions Gorman Health Group LLC Fort Collins, Colorado

## Melanie A. Dodd, PharmD, PhC, BCPS

Interim Vice Chair for Clinical Affairs Associate Professor of Pharmacy in Geriatrics University of New Mexico, College of Pharmacy Albuquerque, New Mexico

## Tanya M. Dougherty, PharmD, BCPS

Clinical Coordinator, PGY1 Program Director Penn Presbyterian Medical Center Glenside, Pennsylvania

## Stephen F. Eckel, MHA, PharmD, BCPS

Clinical Associate Professor Associate Director of Pharmacy UNC Eshelman School of Pharmacy Chapel Hill, North Carolina

## Lea S. Eiland, PharmD, BCPS, FASHP

Clinical Professor and Associate Department Head

Auburn University Harrison School of Pharmacy Auburn, Alabama [QUERY: Correct?]

## Dale E. English II, PharmD, RPh

Associate Professor of Pharmacy Practice Associate Professor of Pharmaceutical Sciences

Northeast Ohio Medical University College of Pharmacy Rootstown, Ohio

# Bryna Delman Ewachiw, PharmD, BCOP

Oncology Coordinator, Residency Program Director

Johns Hopkins Bayview Medical Center Lutherville, Maryland

## Diane B. Ginsburg, PhD, RPh, FASHP

Clinical Professor and Assistant Dean for Student Affairs

The University of Texas at Austin College of Pharmacy

Austin, Texas

## Jason E. Glowczewski, PharmD, MBA

Director of Pharmacy UH Community Hospitals Lyndhurst, Ohio

## David F. Gregory, PharmD, BCPS, FACHF

Associate Dean for Academic Affairs Associate Professor of Pharmacy Practice The University of Mississippi School of Pharmacy

University, Mississippi

## Christine A. Hall, PharmD, BCPS

Clinical Pharmacy Specialist, Internal Medicine

UMMC Residency Coordinator University of Minnesota Medical Center, Fairview West Campus Minneapolis, Minnesota

## Tony Huke, PharmD, BCPS

Clinical Manager, Residency Program Director

Truman Medical Center, Hospital Hill Kansas City, Missouri

## Nishaminy Kasbekar, PharmD, FASHP

Corporate Director of Pharmacy University of Pennsylvania Health System Philadelphia, Pennsylvania

## Eric C. Kutscher, PharmD, BCPP, FASHP

Assistant Director Pharmacy Services Director of Pharmacy Residency Programs The University of Arizona Medical Center Tucson, Arizona

# Robert L. Lamontagne, BS, PharmD candidate

Doctor of Pharmacy Candidate 2017 The University of Texas at Austin College of Pharmacy Austin, Texas

## Michael G. Liebl, PharmD, BCPS

Clinical Manager
Director, PGY1 Pharmacy Residency for
International Graduates
Houston Methodist Hospital
Houston, Texas

# Scott E. Mambourg, PharmD, BCPS, AAHIVP

Associate Chief, Clinical Pharmacy Services PGY1 Residency Program Director VA Sierra Nevada Health Care System Reno, Nevada

## Michelle W. McCarthy, PharmD, FASHP

Director, Medication Use Policy and Compliance

Director, PGY1-Pharmacy and PGY2-Drug Information Residency Programs University of Virginia Health System Department of Pharmacy Services Charlottesville, VA

## Marta A. Miyares, PharmD, BCPS, CACP

Clinical Pharmacist, Internal Medicine Director PGY1 Residency Program Jackson Memorial Hospital Doral, Florida

## John E. Murphy, PharmD, FASHP, FCCP

Professor of Pharmacy Practice and Science and Associate Dean The University of Arizona College of

Pharmacy Tucson, Arizona

## Dehuti A. Pandya, PharmD, BCPS

Clinical Specialist TIRR Memorial Hermann Houston, Texas

## Holly J. Phillips, PharmD

Acute Care Pharmacists Manager PGY1 Residency Program Director University of Colorado Hospital Castle Pines, Colorado

#### Rochelle M. Roberts, PhD

Director of Assessment The University of Texas at Austin College of Pharmacy Austin, Texas

#### Jill True Robke, PharmD, BCPS, FASHP

Clinical Pharmacy Specialist Experiential Training Coordinator Saint Luke's Hospital of Kansas City Department of Pharmacy Kansas City, Missouri

# Michael D. Sanborn, MS, RPH, FACHE, FASHP

President Baylor Medical Center at Carrollton Carrollton, Texas

## Steven L. Sheaffer, PharmD, FASHP

Vice Chair, Experiential Learning Associate Professor of Clinical Pharmacy Philadelphia College of Pharmacy and Sciences University of the Sciences in Philadelphia Philadelphia, Pennsylvania

#### Jason L. Trahan, PharmD

Pharmacy Director Medication Safety Baylor Scott & White Health Dallas, Texas

# Jenny A. Van Amburgh, PharmD, RPh, FAPhA, BCACP, CDE

Clinical Professor and Assistant Dean for Academic Affairs Director, PGY1 Pharmacy Residency Northeastern University Bouvé College of Health Sciences School of Pharmacy Boston, Massachusetts

## Alex C. Varkey, MS, PharmD

Pharmacy Operations Manager Director, PGY1/PGY2 Health-System Pharmacy Administration Residency Houston Methodist Hospital Houston, Texas

#### Samaneh T. Wilkinson, MS, PharmD

Assistant Director Enterprise Clinical and Ambulatory Services PGY1 Residency Program Director HSPA PGY2 Residency Program Coordinator The University of Kansas Hospital Kansas City, Kansas

## Nancy T. Yam, MHA, PharmD, BCPS

Pharmacy Manager UC San Diego Health System Department of Pharmacy San Diego, California

## David A. Zilz, MS, RPh, FASHP

Senior Consultant UW Health Systems Pharmacy Iola, Wisconsin