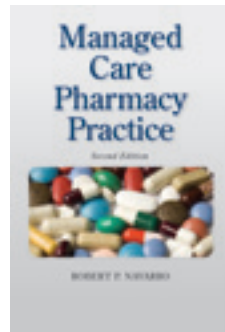
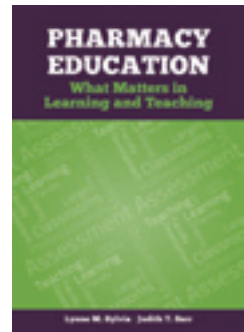
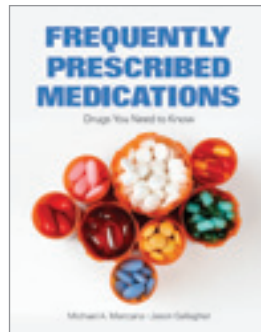
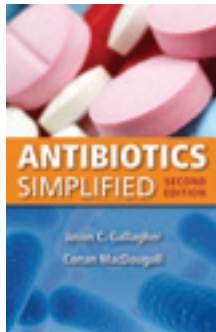
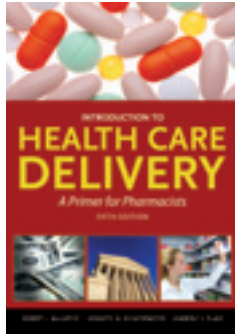
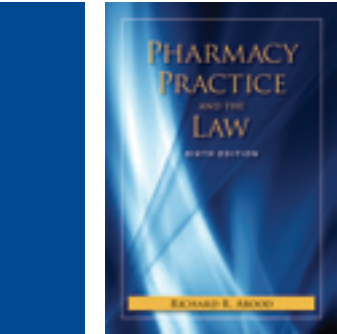


# PHARMACY

ACADEMIC CATALOG 2011–2012



JONES & BARTLETT  
LEARNING

40 Tall Pine Drive | Sudbury, MA | 01776  
978-443-5000 | [www.jblearning.com](http://www.jblearning.com)

# CONTENTS

<b>Health Care Delivery</b>	4
<b>Pharmacoeconomics</b>	5
<b>Biochemistry</b>	6
<b>Drug Reference</b>	7
<b>Pharmacy Law</b>	8
<b>Pharmacy Management</b>	9
<b>Social and Behavioral Aspects of Pharmaceutical Care</b>	10
<b>Pharmaceutical Industry</b>	10
<b>Public Health</b>	11
<b>Managed Care</b>	11
<b>Faculty and Student Resources</b>	12
<b>Medical Terminology</b>	13
<b>Forthcoming Spring 2012</b>	14



Sign Up to Receive Updates  
and Special Offers by Email

[www.jblearning.com/eUpdates](http://www.jblearning.com/eUpdates)

**Browse all Pharmacy  
Resources at:**

<http://go.jblearning.com/pharmacy>

## 4 Easy Ways to Order

1. Toll Free: 1-800-832-0034
2. Fax: 978-443-8000
3. Mail: 40 Tall Pine Drive,  
Sudbury, MA 01776
4. Web: [www.jblearning.com](http://www.jblearning.com)

## Textbook Examination Copies

Complimentary<sup>†</sup> review copies are available for qualified instructors who wish to consider a text for course adoption. For fastest service, make your request online at [www.jblearning.com](http://www.jblearning.com) or, let our knowledgeable Account Specialists help you find the text that best meets your course needs.

## A Note about Student and Instructor Resources

Many of our textbooks are accompanied by print and online instructor and student resources. Wherever these resources are available, they are noted as follows:

### Instructor Resources:

- AK = Answer Key
- CS = Case Studies
- IM = Instructor's Manual
- LP = Lesson Plan

- PP = PowerPoint Slides
- SL = Sample Syllabus
- TB = Test Bank
- TG = Transition Guide
- IB = Image Bank

### Student Resources:

- CQ = Interactive Chapter Quizzes
- CW = Crossword Puzzles
- FL = Interactive Flashcards
- IG = Interactive Glossary
- MQ = Matching Questions

<sup>†</sup>Jones & Bartlett Learning reserves the right to evaluate requests for complimentary review copies. If you are not completely satisfied with your purchase, please return it within 30 days for a full refund or replacement copy.

**New for 2011**

Introduction to Health Care Delivery: A Primer for Pharmacists, Fifth Edition . . . . .	4
Understanding Health Outcomes and Pharmacoeconomics . . . . .	5
Biochemistry for the Pharmaceutical Sciences . . . . .	6
Frequently Prescribed Medications: Drugs You Need to Know . . . . .	7
Antibiotics Simplified, Second Edition . . . . .	7

**Forthcoming 2012**

Basic Physical Pharmacy
Critical Care Pharmacotherapeutics
Securing and Excelling in a Pharmacy Residency
Introduction to Research and Medical Literature for Health Professionals

# DID YOU KNOW?

**You can provide your students with cost savings on textbooks and other learning materials:**

**SAVE UP TO  
30%**

Bundle 2 or more of our texts, online products, or other resources and save up to 30% off list price.

**ADDITIONAL  
CONTENT**



Interested in a few chapters from another book? Bundle electronic chapter PDFs from any textbook along with your major textbook for supplemental course content.

**Contact Your Account Specialist for Details. See Page 15.**

## Additional Formats



**ExpressPDF**—Jones & Bartlett Learning now offers many of our popular titles in electronic, printable PDF format. All you need is a computer and the free version of Adobe Reader software.



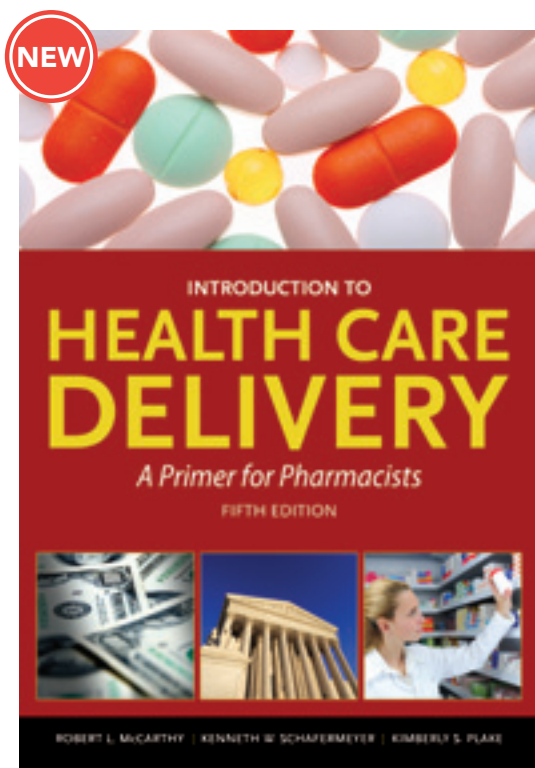
**Mobile**—Jones & Bartlett Learning partners with two industry leading mobile application developers to offer select titles in mobile format, including Blackberry, iPhone (iTouch and iPad), Palm, Android, Windows Mobile, and more.<sup>1</sup>



**CourseSmart**—Jones & Bartlett Learning has partnered with CourseSmart, provider of digital college textbooks, to make many of our leading education titles available through the CourseSmart eTextbook store. Features include search capabilities, highlighting, note taking features, and more.

For more information on additional formats, visit us online at: [www.jblearning.com](http://www.jblearning.com)

<sup>1</sup> iPad is available in compatibility mode. Not all mobile versions are available on all platforms. Please see individual catalog pages for specifications.



### From the Preface:

*“With changes in health care occurring at an ever increasing pace, a health care systems textbook must be revised frequently. Since the First Edition, we have tried to ensure that this book has the latest and most accurate information possible. Our goal is to continue offering a book that provides a comprehensive overview of the American health care delivery system from a pharmacist’s unique perspective.”*

— **Robert L. McCarthy, PhD, RPh**  
**Kenneth W. Schafermeyer, PhD**

## Introduction to Health Care Delivery

*A Primer for Pharmacists, Fifth Edition*

**Robert L. McCarthy, PhD, RPh**  
**Kenneth W. Schafermeyer, PhD**  
**Kimberly S. Plake, PhD**

*Introduction to Health Care Delivery, Fifth Edition* provides students with a current and comprehensive overview of the U.S. healthcare delivery system from the perspective of the pharmacy profession. Each thoroughly updated chapter of this best-selling text includes real-world case studies, learning objectives, chapter review questions, questions for further discussion, and updated key topics and terms. New and expanded topics include health care reform, public health, pharmacoepidemiology, cultural competence, and leadership. Patient-Provider dialogues are also included to help students apply key concepts.

### Key Features

- Case Scenarios
- Learning Objectives
- Chapter Review Questions
- Doctor/Patient Scripts
- Questions for Further Discussion
- References

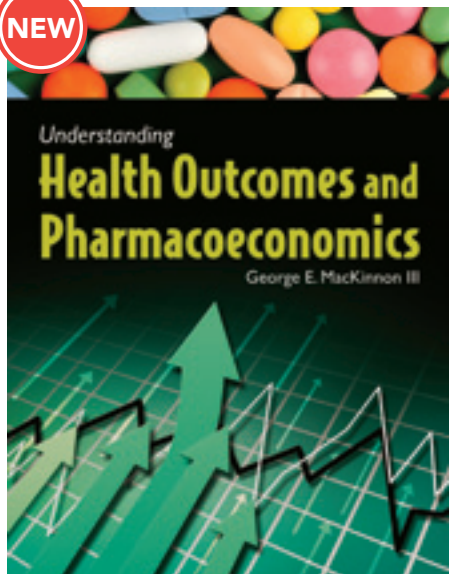
Including a wealth of student resources available on the companion Web site, *Introduction to Health Care Delivery, Fifth Edition* will provide students with an understanding of the social, organizational, and economic aspects of health care delivery.

To learn more, visit: <http://go.jblearning.com/mccarthy5>

ISBN-13: 978-0-7637-9088-2 • Paperback • 640 Pages • © 2012

⊕ **Instructor Resources:** IM, PP, TB, TG

NEW



### From the Introduction:

*“The need for interprofessional education was made apparent in the 2003 Health Professions Education: A Bridge to Quality report. All healthcare professionals must be educated to deliver patient-centered care as members of an interprofessional team, emphasizing evidence-based practice, quality improvement approaches, and informatics. An enhanced understanding of pharmacoeconomic principles is a step in the right direction for healthcare practitioners as we do our best to ensure optimal medication therapy outcomes for patients and society at-large.”*

— **George E. MacKinnon III,**  
PhD, RPh, FASHP

## Understanding Health Outcomes and Pharmacoeconomics

George E. MacKinnon III, PhD, RPh, FASHP

*Understanding Health Outcomes and Pharmacoeconomics* presents an overview of the tools used to assess patient-related health status including associated health outcomes and the analyses that are used to determine cost-effectiveness in evaluating pharmacotherapeutic interventions to improve health. Including data and examples from several different countries, this comprehensive text will help students understand the basis for decisions made at the local and governmental level that impact the use of pharmaceuticals and provide a strong foundation for understanding the principles used in cost-effective decision making. With commentaries, cases studies, and highlighting international differences, this text concludes with a discussion of the need for a universal system for documenting medication use.

*Understanding Health Outcomes and Pharmacoeconomics* provides definitions of comparative effectiveness research (CER) and comparisons of pharmacoeconomic models (including cost-effectiveness, cost-benefit, and cost utility analyses). This inclusive text provides describes how CER is linked to various pharmacoeconomic models by providing examples from clinical trials with comparative pharmacotherapy and cost parameters.

### Key Features

- Introduction to measuring health status, including the drug approval process, health surveys, and utility assessment
- Evaluation of levels of evidence
- Introduction to economic analysis, cost determinants, and modeling
- Decision analysis and comparative effectiveness

ISBN-13: 978-0-7637-7099-0 • Paperback • 280 Pages • © 2012

NEW

**Praise for this text:**

**“Biochemistry for the Pharmaceutical Sciences** [includes] relevant examples from pharmaceutical sciences, which is mostly absent in general biochemistry texts. I highly appreciate the author’s good grasp of the knowledge and his ability to explain concepts, such as enzyme kinetics, using simpler language”

— **Ganesh Cherala**, PhD,  
Assistant Professor, College  
of Pharmacy, Oregon State  
University–Oregon Health &  
Science University

## Biochemistry for the Pharmaceutical Sciences

**Charles P. Woodbury, Jr.**, PhD

*Biochemistry for the Pharmaceutical Sciences* is a concise, practical resource for pharmacy students to apply and expand their understanding of biochemistry as it relates to pharmacy practice. With pedagogical features designed to make complex concepts comprehensible, this text presents biochemistry in an accessible format with a pharmaceutical focus. Real-world applications of scientific principles allow students to better understand and appreciate how biochemistry will impact their professional practice. This accessible text includes useful figures and tables to help students formulate an understanding of mathematical, chemical, and biological concepts.

### Topics Include

- Organic and Basic Physical Chemistry
- Enzymes
- Primary Metabolism
- Molecular Biology
- Enzymology
- ...and More

### Chapter Features

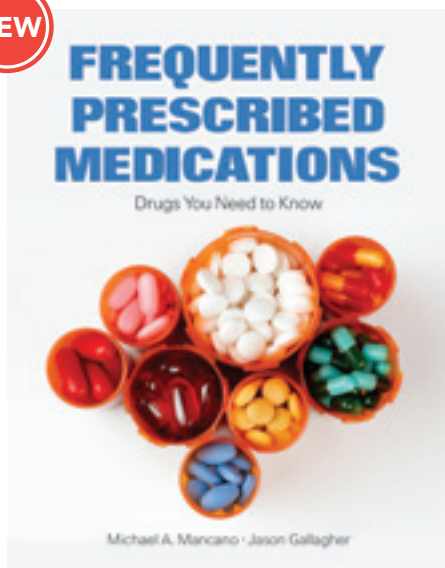
- Learning Objectives
- Glossary of Key Terms
- Clinical Application Boxes
- Discussion Questions

Includes over 400 figures and tables to help students formulate an understanding of the mathematical, chemical and biological concepts.

ISBN-13: 978-0-7637-6384-8 • Paperback • 480 Pages • © 2012

⊕ **Instructor Resources:** IB, PP

NEW



## Frequently Prescribed Medications

*Drugs You Need to Know*

**Michael A. Mancano**, PharmD  
**Jason C. Gallagher**, PharmD, BCPS

*Frequently Prescribed Medications: Drugs You Need to Know* is a practical study tool designed to educate and test students about the drugs that are most commonly used in practice, as well as a helpful reference on drug information. This comprehensive resource reviews important concepts regarding the use of specific medications and provides clear and succinct information for the drugs that are commonly utilized in clinical practice, ambulatory practice, and hospital practice, including information on prescription, over-the-counter, and natural products. Including helpful end-of chapter review questions, this user-friendly resource will aid student comprehension and serve as a valuable reference for future study and practice. This guide is also an excellent test preparation resource for the Top 200/300 Exam.

### Information For Each Drug Includes

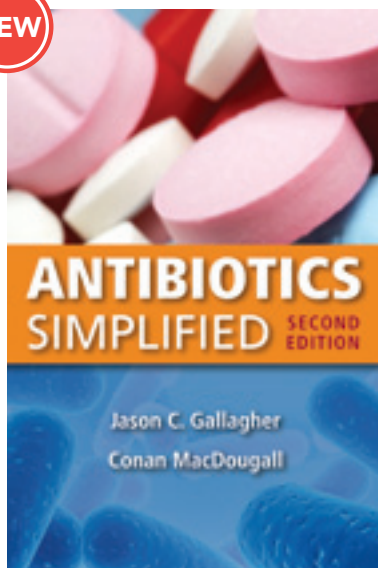
- Drug Class
- Mechanism of Action
- Common and Generic Name(s)
- Dosage Forms
- Indications and Dosing
- Adverse Reactions and Drug Interactions
- Pregnancy Category
- Key Counseling Points, and more

ISBN-13: ISBN-13: 978-0-7637-8117-0

Paperback • 250 Pages • © 2012

⊕ **Instructor Resources:** TB

NEW



## Antibiotics Simplified

*Second Edition*

**Jason C. Gallagher**, PharmD, BCPS  
**Conan MacDougall**, PharmD, BCPS

*Antibiotics Simplified, Second Edition* is a succinct guide designed to bridge knowledge gained in basic sciences courses with clinical practice in infectious diseases. This practical text reviews basic microbiology and how to approach the pharmacotherapy of a patient with a presumed infection. With helpful figures and flow charts, Drug Class Reviews, a Spectra of Activity chart, and additional reference tools, this is an ideal handbook for students as well as practicing pharmacists. The *Second Edition* includes 17 new chapters, expanded coverage of previously included drug classes and Antiviral agents, and a new appendix outlining empiric regimens for common infections.

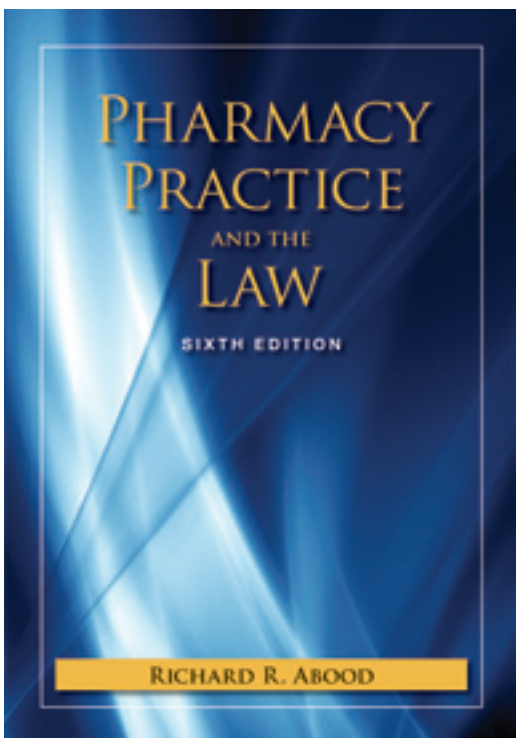
### Each Drug Class Review Includes

- Agents Belonging to Each Class
- Drugs Used Most Commonly in Practice
- Spectrum of Activity
- Adverse Effects
- Dosing Issues
- Important Points
- Useful Indications

ISBN-13: 978-1-4496-1459-1

Paperback • 250 Pages • © 2012

⊕ **Instructor Resources:** TB



### Praise for this text:

*“The topics do not just provide information for students to prepare for the boards; they also help to generate discussion. The highlights of the book are how relevant the information is to pharmacy law and regulation, how it covers topics that are broader than just pharmacy (i.e., Medicare and Medicaid), and the way it is written at a level that is easy to follow.”*

— **Barbara Lane Giacomelli,**  
PharmD, MBA, BS, FASHP,  
Shore Memorial Hospital

## Pharmacy Practice and The Law

*Sixth Edition*

**Richard R. Abood,** BS Pharm, JD

The latest edition of this best-selling text includes updates to account for new legal, regulatory and policy developments. *Pharmacy Practice and the Law, Sixth Edition* provides background, history, and discussion of the law that enables students to not only learn the facts, but to understand, apply, and critically evaluate the information. The issues covered in this text are discussed in non-legal, easy-to-understand language. Challenging open-ended discussion questions and cases are included in every chapter to facilitate discussion and critical thinking. Citations to laws, court cases, regulations, and other documents are provided for further research. *Pharmacy Practice and the Law, Sixth Edition*, is a useful resource both for teaching the facts of pharmacy law and for stimulating critical thinking issues in pharmacy law.

### Key Features

- Provides depth of background and discussion about the laws, regulations, litigation, policy, and current issues affecting pharmacy practice
- Promotes understanding and application, rather than memorization
- Stimulates critical thinking and problem solving
- Includes edited cases exemplifying application of the laws

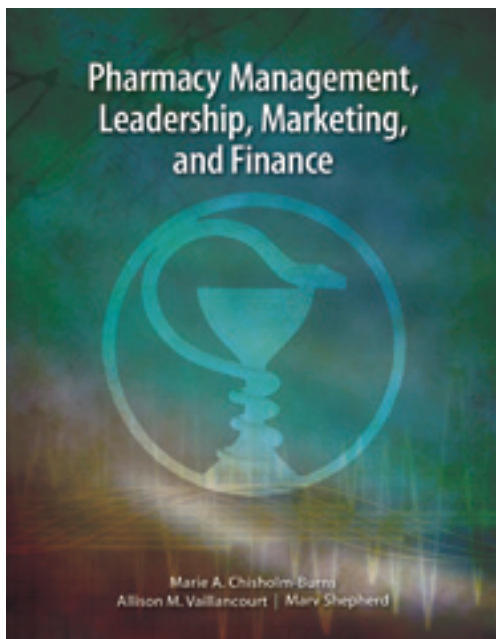
To learn more and see the full list of updates for the *Sixth Edition*, visit:

<http://go.jblearning.com/abood>

ISBN-13: 978-0-7637-8129-3 • Paperback • 458 Pages • © 2011 • Additional Format: CourseSmart

➕ **Instructor Resources:** CS, IM, PP, TB, TG

**New Supplement Chapter Also Available**  
*New York Pharmacy Law: A Primer*



### Praise for this text:

*“Pharmacy Management, Leadership, Marketing, and Finance is a definite contribution to the discipline. This book is an excellent new management textbook incorporating recent developments, archival literature, and theories. It is a very nice one-stop source of contemporary information on a topic.”*

— **Albert I. Wertheimer**, BS, MBA,  
PhD, Temple University School  
of Pharmacy (for Doody’s Book  
Review, May 2010)

## Pharmacy Management, Leadership, Marketing, and Finance

*Includes Risk Management for Pharmacy Practice Online Supplement*

**Marie A. Chisholm-Burns**, PharmD, MPH, FCCP, FASHP

**Allison M. Vaillancourt**, PhD, SPHR

**Marv Shepherd**, PhD, MS, RPh

*Pharmacy Management, Leadership, Marketing, and Finance* now includes *Risk Management for Pharmacy Practice* and provides pharmacy students with valuable information on topics such as operations management, economic analysis, reimbursement, and marketing. This comprehensive text focuses on issues pharmacy professionals will face in their day-to-day practice, such as communication, conflict management, professionalism, and human resource strategies. Pedagogical features including learning objectives, key concepts, key terms, and case scenarios reinforce understanding and give students the opportunity to apply these vital competencies.

Written in a reader-friendly style, this text facilitates an in-depth level of understanding of essential leadership and management concepts for application in practice. Written and reviewed by academic pharmacy faculty, practicing pharmacy managers and leaders, human resources professionals, and practicing attorneys, theory and real-world experiences are combined in this effective and applicable resource.

*Pharmacy Management, Leadership, Marketing, and Finance* includes *Risk Management for Pharmacy Practice*, a two-chapter online PDF supplement—at no additional cost.

Companion Web site: <http://go.jblearning.com/pharmacymanagement>

ISBN-13: 978-1-4496-1343-3 • Paperback and ePDF Chapters • 562 Pages • © 2011

Additional Format: CourseSmart

🔍 Instructor Resources: AK, CS, LP, PP 🔍 Student Resources: CQ, WB, FL, IG, MQ



## Social and Behavioral Aspects of Pharmaceutical Care

*Second Edition*

**Nathaniel M. Rickles**, PharmD, PhD  
**Albert I. Wertheimer**, PhD, RPh, MBA  
**Mickey C. Smith**

In its *Second Edition*, *Social and Behavioral Aspects of Pharmaceutical Care* provides pharmacy students with established principles from the social and behavioral sciences, along with current findings and examples of cases and reports of applications of these principles. Theoretical models and practical examples are included to elaborate on the pharmacist's role in identifying patients' non-compliant behavior and managing drug-related problems. This valuable text includes clinical, economic, and humanistic considerations that are essential to pharmacy students and practicing pharmacists. The text also features a special focus on public health and the involvement of caregivers in facilitating behavioral change. *Social and Behavioral Aspects of Pharmaceutical Care, Second Edition* will help students consider how organizations and social systems impact patient experiences with medications, contributing to an improved system of pharmaceutical practice and care.

**ISBN-13: 978-0-7637-6408-1**

**Paperback • 484 Pages • © 2010**

**Additional Format: CourseSmart**

**Instructor Resources:** PP, TB, IM



## Modern Pharmaceutical Industry

*A Primer*

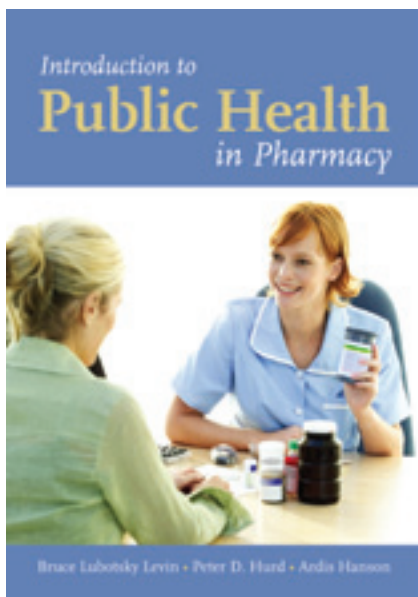
**Thomas M. Jacobsen**, PharmD, MS  
**Albert I. Wertheimer**, PhD, RPh, MBA

*Modern Pharmaceutical Industry: A Primer* comprehensively explains the broad range of divisions in the complex pharmaceutical industry. Experts actively involved in each component discuss their own contribution to a pharmaceutical company's work and success. Divisions include regulatory affairs, research and development, intellectual property, pricing, marketing, generics, OTC, and more. This comprehensive resource offers a wide range of topics, from discovery and formulation to post-approval and legal. Students will be given a detailed look at the structure of a contemporary drug company and a thorough understanding of what goes on behind the scenes.

**ISBN-13: 978-0-7637-6636-8**

**Hardcover • 320 Pages • © 2010**

**Additional Format: CourseSmart**



## Introduction to Public Health in Pharmacy

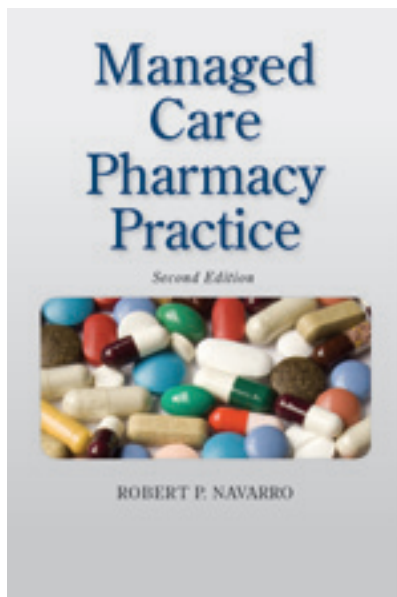
**Bruce Lubotsky Levin**, DrPH, MPH  
**Peter D. Hurd**, PhD  
**Ardis Hanson**, MLS

*Introduction to Public Health in Pharmacy* provides a comprehensive introduction to public health from a pharmacy perspective, covers fundamental concepts and issues that pharmacists need in order to develop a knowledge base in public health, and examines the connection between pharmacy and public health services, including an overview of the different health services, evaluation and outcome assessment, financing, managed care pharmacy, and pharmacoeconomics. This extensive text also contains chapters that illustrate key applications of public health concepts to pharmacy practice, including law and ethics, cultural perspectives, informatics, emergency preparedness, and education and training. Each chapter is co-authored by a public health expert as well as a pharmacist. Chapter features include case studies, learning objectives, chapter questions with answer key, questions for further discussion, and key terms.

ISBN-13: 978-0-7637-3539-5

Paperback • 356 Pages • © 2008

⊕ **Instructor Resources:** PP, SL



## Managed Care Pharmacy Practice

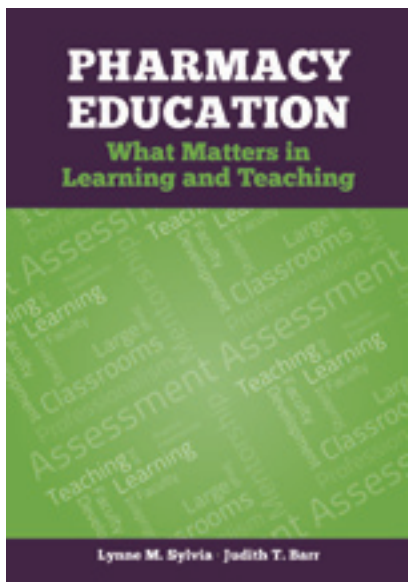
*Second Edition*

**Robert P. Navarro**, PharmD

*Managed Care Pharmacy Practice, Second Edition* offers information critical to the development and operation of a managed care pharmacy program. The text also covers the changes that have taken place within the delivery of pharmacy services, now that a higher percent of the population is enrolled in some type of “managed” healthcare organization. The *Second Edition* reflects contemporary health care management and policy issues, details how the value of pharmaceuticals is assessed by health plans and PBMs, and discusses how value-based formularies are developed and managed. Healthcare policy issues are addressed from a societal perspective to illustrate how managed care organizations respond to, or lead, public policy decisions. The *Second Edition* has been thoroughly updated to reflect the significant changes in development and execution of managed care pharmacy benefit management.

ISBN-13: 978-0-7637-3240-0

Hardcover • 633 Pages • © 2009



## Pharmacy Education

### *What Matters in Learning and Teaching*

**Lynne M. Sylvia**, PharmD  
**Judith T. Barr**, ScD, MEd

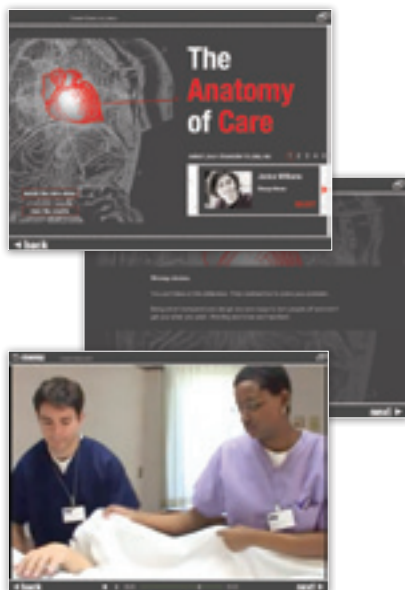
*Pharmacy Education: What Matters in Learning and Teaching* covers a variety of teaching settings (large classroom, small group teaching, clinical site, and more) and guides the reader in developing a deeper understanding of what it means to be a teacher. This text is a valuable tool for mid-level, senior-level, and new faculty, and can also aid adjunct faculty members, pharmacy residency directors, and preceptors in the development and refinement of clinical educational programs in pharmacy. *Pharmacy Education* provides a valuable tool not only for individual pharmacy educators, but also for schools of pharmacy and pharmacy residency programs in their provision of faculty development and preceptor development programs.

- Addresses both the theory and practice of pharmacy education
- Incorporates a workbook format with guided exercises
- Provides a personalized approach
- Assists the reader in creating a teaching philosophy statement and developing a scholarship of teaching and learning plan
- Aids faculty development programs
- Applicable for all levels of faculty

ISBN-13: 978-0-7637-7397-7

Paperback • 348 Pages • © 2011

Additional Format: CourseSmart



## Anatomy of Care

**Jones & Bartlett Learning**  
**Will Interactive**

*Anatomy of Care* is a series of video vignettes that show students a series of scenarios that they would encounter during a day in the life of a typical hospital employee. The vignettes are presented through the eyes of five different characters—a desk clerk, a charge nurse, an environmental services technician, a transporter and a senior resident. The student chooses which character they would like to follow through a series of scenarios. As the character progresses through the scenario, the video pauses and the student is asked how he/she thinks the character should proceed. The video proceeds with different outcomes determined by the student choices. Topics covered include: communication, leadership, quality assurance, patient safety, and providing a patient-centered environment.

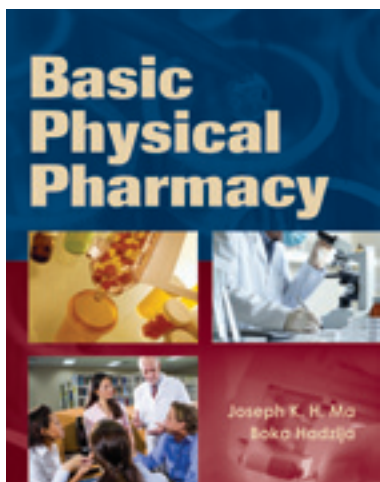
Benefits of using *Anatomy of Care*:

- Provides students with an interactive, real-world learning experience within a simulated hospital setting.
- Develops critical decision making skills.
- Reinforces student learning from their textbooks in areas of communication, leadership, professional development, critical thinking, and ethics.
- Develops critical decision-making skills.

ISBN-13: 978-0-7637-8023-4

Online Access Code • © 2010





## Basic Physical Pharmacy

Joseph K. H. Ma, PhD  
Boka Hadzija, PhD

ISBN-13: 978-0-7637-5734-2  
Hardcover • 750 Pages • © 2013



## Securing and Excelling in a Pharmacy Residency

Michael A. Crouch, PharmD, BCPS, FASHP

ISBN-13: 978-1-4496-0483-7  
Paperback • © 2013



## Critical Care Pharmacotherapeutics

Thomas J. Johnson, PharmD, MBA, BCPS, FASHP

ISBN-13: 978-1-4496-0478-3  
Paperback • © 2013



## Introduction to Research and Medical Literature for Health Professionals

*Third Edition*

J. Dennis Blessing, MHS, PhD, PA-C  
J. Glenn Forister, MS, MPAS, PA-C

ISBN-13: 978-1-4496-0481-3  
Paperback • 275 Pages • © 2013



Jones & Bartlett Learning is a world-leading provider of instructional, assessment, and learning-performance management solutions for secondary, post-secondary, and professional markets. We endeavor to develop educational programs and services that improve learning outcomes, and enhance student achievement by uniquely combining authoritative content written by respected authors with innovative, proven and engaging technology applications that meet the diverse needs of today's instructors, students, and professionals.

Our learning solutions are used in the following content areas:

**EMS, Fire & Emergency Care and Safety Institute** – From emergency medical services and fire training, to first aid and CPR, construction safety, and law enforcement, Jones & Bartlett Learning is the leading provider of education and assessment resources for public safety professionals.

**Health & Medicine** – Working directly with many of the world's leading health science authors, thought-leaders, and professional associations, Jones & Bartlett Learning produces market-leading college textbooks, electronic reference materials, drug reference handbooks, and patient education materials for consumers of healthcare services.

**Science, Computing, Engineering, & Mathematics** – From human biology to complex analysis, Jones & Bartlett Learning is transforming scientific and technical learning with tools designed to enrich the learning experience and improve course outcomes.

**Career Education & Trades** – With market-leading brands such as CDX Automotive—an innovative training solution for automotive service technicians—Jones & Bartlett Learning is redefining how skill-based education is delivered for the career education market.

For more information or to review our online product catalog, visit us on the web at [www.jblearning.com](http://www.jblearning.com).

Contact your Account Specialist to learn more or to request a complimentary review copy:

**Michael Fusco**

1-800-832-0034 ext. 8387  
*mfusco@jblearning.com*  
 AZ, CA, CO, GA, IN, LA, MS, NH, NV, OK, RI, SC, TN, VA

**Ryan Angel**

1-800-832-0034 ext. 8166  
*rangel@jblearning.com*  
 AL, DC, IA, KS, ME, MI, NC, ND, OR, SD, TX, WY

**Loretta Lorusso**

1-800-832-0034 ext. 8341  
*llorusso@jblearning.com*  
 AK, AR, CT, FL, KY, MD, MO, MT, NJ, NM, PA, WI, WV

**Jason Anzalone**

1-800-832-0034 ext. 8375  
*janzalone@jblearning.com*  
 DE, HI, ID, IL, MA, MN, NE, NY, OH, UT, VT, WA

**Linda McGarvey**

Special Markets Manager  
 1-800-832-0034 ext. 8229  
*lmcgarvey@jblearning.com*  
 Contact for information on bulk sales or custom publishing opportunities

**Lisa Papa**

Executive Director Retail Trade Sales  
 Office 1-518-250-5231  
 Mobile 1-978-460-3666  
*lpapa@jblearning.com*  
 Contact for information on Wholesale, Trade, and Retail

**Robert Rosenitsch**

Director of Sales & Marketing: Canada  
 905-270-5450  
*canada@jblearning.com*

Career and Proprietary Schools:

**Jenn Solomon**

1-800-832-0034 ext. 8118  
*jsolomon@jblearning.com*



JONES & BARTLETT  
LEARNING

40 Tall Pine Drive | Sudbury, MA | 01776  
978-443-5000 | [www.jblearning.com](http://www.jblearning.com)

Source Code: PHARM2011



PRSR STD  
U.S. Postage  
**PAID**  
Permit No. 6  
Hudson, MA

# PHARMACY

ACADEMIC CATALOG **2011-2012**