About Pearson

Pearson is the world's learning company, with presence across 70 countries worldwide. Our unique insights and world-class expertise comes from a long history of working closely with renowned teachers, authors and thought leaders, as a result of which, we have emerged as the preferred choice for millions of teachers and learners across the world.

We believe learning opens up opportunities, creates fulfilling careers and hence better lives. We hence collaborate with the best of minds to deliver you class-leading products, spread across the Higher Education and Test preparation spectrum.

Superior learning experience and improved outcomes are at the heart of everything we do. This product is the result of one such effort.

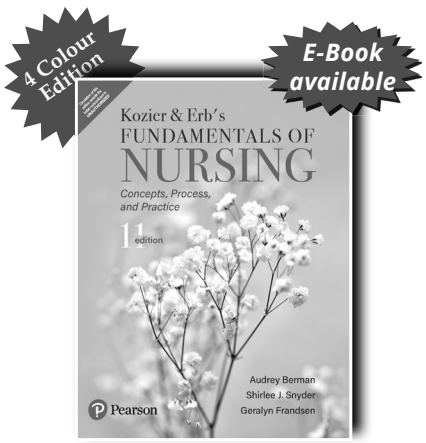
Your feedback plays a critical role in the evolution of our products and you can contact us – reachus@pearson.com. *We look forward to it.*

BRIEF CONTENTS

Nursing

CONTENTS

NURSING



ISBN: 9789353949273

Kozier and Erb's -Fundamentals of Nursing, 11/e

Audrey Berman | Shirlee J. Snyder | Geralyn Frandsen

1572 | © **2021**

Web Supplements

ABOUT THE BOOK

Pearson introduces the 11th edition of one of its most revered texts for nursing foundations—Kozier & Erb's Fundamentals of Nursing—a gold standard that helps students embark on their careers in nursing.

For years, this impeccable text set the foundation for nursing excellence with its clear and approachable writing style. The book prepares readers to become effective nurses with its balanced coverage of the key concepts of contemporary nursing, as well as the latest nursing evidence, standards, and competencies. The book also includes legal aspects of nursing in India; INC standards of care; and code of ethics and code of professional conduct for nurses in India. Health care delivery, community nursing care and home care in the Indian scenario have also been discussed in detail.

FEATURES

- **What's New—**A dedicated chapter on hospital admission and discharge. A detailed coverage on hygiene, loss, grieving and death
- **Updated!** Over 445-chapter review questions based on frequently asked questions in university examinations
- **QSEN Linkages—**QSEN competencies addresses the gap between nursing education and practice
- **Evidence-Based Practice—**focuses evidence-informed practice to highlight relevant research and its implications for nursing care
- **Home Care Assessment—**focuses on educating the client, family, and community to recognize what is needed for care at home
- **Home Care Considerations—**focuses on teaching the client and caregiver the proper care at home
- **Safety Alerts—**correlates to the Patient Safety Goals and identify other crucial safety issues.
- **Clinical reasoning—**cognitive processes a nurse utilizes to gather and analyze client data, evaluate the relevance of the information, and implement nursing interventions to improve the client's well-being
- **Interprofessional practice—**identifies and reinforces to the student that other members of the health care team may also be performing the specified skill
- **Men in nursing—**this edition has increased information about men in nursing from a historical and current perspective in Chapter 1

CONTENTS

UNIT 5 Life Span Development

20. Concepts of Growth and Development
21. Promoting Health from Conception Through Adolescence
22. Promoting Health in Young and Middle-Aged Adults
23. Promoting Health in Older Adults
24. Promoting Family Health

UNIT 6 Integral Aspects of Nursing

25. Caring
26. Communicating
27. Teaching
28. Leading, Managing, and Delegating

UNIT 7 Assessing Health

29. Vital Signs
30. Health Assessment

UNIT 8 Integral Components of Client Care

31. Asepsis
32. Safety and First Aid
33. Hygiene
34. Diagnostic Testing
35. Medications
36. Skin Integrity and Wound Care
37. Perioperative Nursing

UNIT 9 Promoting Psychosocial Health

38. Sensory Perception
39. Self-Concept
40. Sexuality
41. Spirituality
42. Stress and Coping
43. Loss, Grieving, and Death

UNIT 10 Promoting Physiological Health

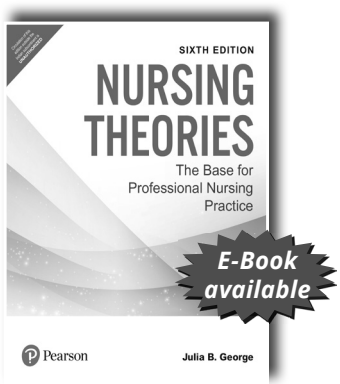
44. Activity and Exercise
45. Sleep
46. Pain Management
47. Nutrition
48. Urinary Elimination
49. Fecal Elimination
50. Oxygenation
51. Circulation
52. Fluid, Electrolyte, and Acid–Base Balance

ABOUT THE AUTHOR(S)

Audrey Berman, PhD, RN - A San Francisco Bay Area native, Audrey Berman received her BSN from the University of California–San Francisco and later returned to that campus to obtain her MS in physiological nursing and her PhD in nursing.

Shirlee J. Snyder, EdD, RN - Shirlee J. Snyder graduated from Columbia Hospital School of Nursing in Milwaukee, Wisconsin, and subsequently received a Bachelor of Science in nursing from the University of Wisconsin–Milwaukee.

Geralyn Frandsen, EdD, RN - Geralyn Frandsen graduated in the last class from DePaul Hospital School of Nursing in St. Louis, Missouri. She earned a Bachelor of Science in nursing from Maryville College



ISBN: 9789353436520

Nursing Theories : The Base for Professional Nursing Practice, 6/e

Julia B. George

704 | © **2019**

ABOUT THE BOOK

Nursing Theories: The Base for Professional Nursing Practice, Sixth Edition, is designed to help nurses apply concepts and theories to practice. This useful resource considers the ideas of well-known nursing theorists and relates the work of each to the clinical nursing practice. Chapters are organized to relate the theorist's work to the nursing metaparadigm, clinical nursing practice, characteristics of a theory, and strengths and limitations of the theory.

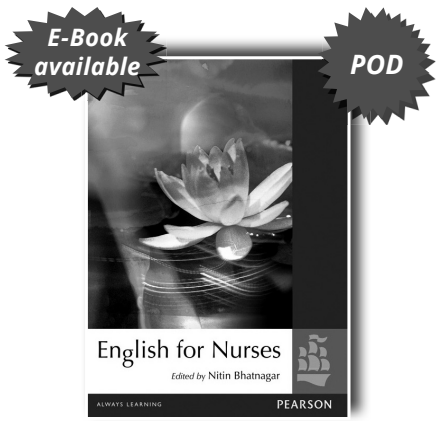
FEATURES

- **An emphasis on the use of nursing theory in clinical practice**—applies theoretical content to every day practice making the text more interactive and practical for students.
- **Chapter on interdisciplinary practice**—demonstrates to students how nursing theory is related to widely used collaborative practice models.
- **Published examples of theory strategies—**help students visualize how theoretical strategies are developed and implemented.
- **Strengths and weaknesses are identified for each model/theory—**teaches students how to critically analyze nursing theories.
- **The application of abstract models and theories to nursing practice situations**—clarifies complex content that is often difficult to conceptualize.
- **International contingent of theorists**—reflects the diverse global aspects of nursing practice.

CONTENTS

ABOUT THE AUTHOR

Julia B. George, California State University, Fullerton



ISBN: 9788131769621

English for Nurses

Nitin Bhatnagar

128 | © **2012**

ABOUT THE BOOK

Basic Approach

This book addresses the need for nurses to communicate effectively in English. Combining the essentials of communication with language learning, it provides all the necessary skills for professionals in healthcare. English for Nurses puts equal emphasis on all the four aspects of learning the language—listening, speaking, reading and writing through a variety of exercises and assessment modules. It provides plenty of practice in functional grammar and also for pronunciation and fluency in speaking.

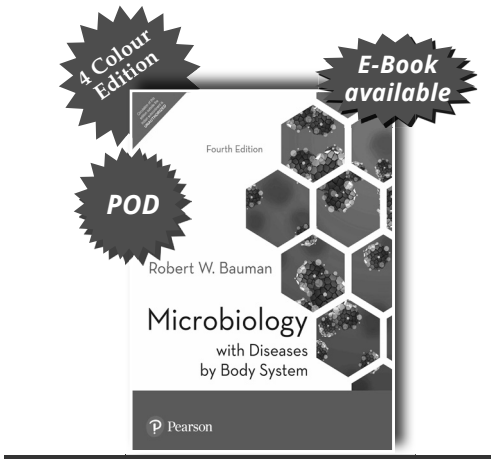
FEATURES

- Reading Comprehension: Objective and Subjective Questions
- Vocabulary and glossary
- Grammar exercises that are graded
- Functional grammar based on practical situations that a nurse faces.
- Common problems of pronunciation and speaking skills have been addressed
- Writing skills based on the needs of the nurses have been addressed

CONTENTS

ABOUT THE AUTHOR

Nitin Bhatnagar is Professor and Head, Institute of Applied Sciences and Humanities, GLA University, Mathura.



ISBN: 9789332587441

Microbiology with Diseases by Body System, 4/e

Robert W. Bauman

944 | © **2017**

ABOUT THE BOOK

Designed for pre-nursing and allied health students (and also mixed-majors courses), ***Microbiology with Diseases by Body System, Third Edition*** retains the hallmark art program and clear writing style that have made Robert Bauman's book a success. This Third Edition features compelling clinical content related to students' future healthcare careers and abundant opportunities for applied student practice. Chapter-opening Clinical Cases, Emerging Diseases boxes, and Clinical Applications boxes introduce students to real-world clinical situations. Student comprehension is ensured with end-of-chapter practice that encompasses applied, visual, and conceptual understanding.

FEATURES

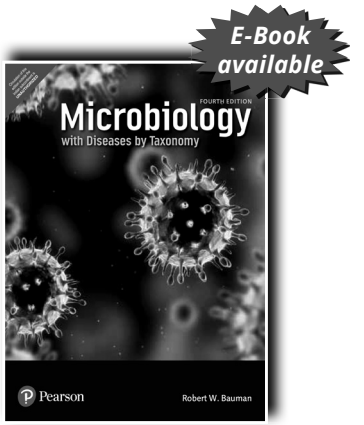
- **NEW! Numbered Learning Outcomes**, found throughout the book, are used to tag Test Bank questions and all Mastering assets.
- **NEW! Tell Me Why critical-thinking questions** end each section in the text and strengthen the pedagogy and organization of each chapter, consistently providing stop-and-think opportunities for students as they read.
- **Micro in the Clinic** features hook students at the beginning of the chapter and keep them curious and engaged throughout the chapter-closing "Micro in the Clinic Follow-up."
- **Clinical and Emerging Disease Case Studies** ask students to apply what they have learned to clinical scenarios. Emerging Disease Case studies now include Critical Thinking questions to spark discussion.
- **State-of-the-Science currency**, found in Chapter 3 (Cell Structure and Function) and the immunology chapters (Chapters 15—18) de-emphasize outdated terms, and focus on the three domains of living organisms. This reflects the most current understanding of the rapidly evolving field of microbiology.
- **Student Support** includes Figure Legend and "Tell Me Why" Questions, TEM/SEM Designations, and Pronunciations and Etymology Guides that appear throughout the chapters. These resources strengthen the pedagogy and organization of each chapter by consistently providing stop and think opportunities for students as they read.
- **Concept Mapping exercises** appear in the end-of-chapter material, guiding students to create their own concept maps from a list of key terms focused around an important chapter topic. They may also complete concept maps in the Mastering Microbiology Study Area.
- **Updates in every chapter** reflect the latest in microbiology research and technology.

CONTENTS

19. Microbial Diseases of the Nervous System and Eyes
20. Microbial Cardiovascular and Systemic Diseases
21. Microbial Diseases of the Respiratory System
22. Microbial Diseases of the Digestive System
23. Microbial Diseases of the Urinary and Reproductive Systems
24. Applied and Environmental Microbiology

ABOUT THE AUTHOR

ROBERT W. BAUMAN is a professor of biology and past chairman of the Department of Biological Sciences at Amarillo College in Amarillo, Texas. He has taught microbiology, human anatomy and physiology, and botany for over thirty years.



ISBN: 9789332587274

Microbiology with Diseases by Taxonomy, 4/e

Robert W. Bauman

900 | © **2017**

ABOUT THE BOOK

The ***Fourth Edition of Microbiology with Diseases by Taxonomy, 4e*** is the most cutting-edge microbiology book available, offering unparalleled currency, accuracy, and assessment. The state-of-the-art approach includes 18 new Video Tutors written and developed by the author to walk students through key microbiology concepts, bringing the textbook to life. QR codes in the textbook enable students to use their smartphone or tablet to instantly interact with these step-by-step tutorials and visualize important concepts and processes. Compelling clinical case studies and emerging disease case studies give students opportunities to apply new knowledge and explore real-world microbiology. Student comprehension is ensured with end-of-chapter practice that encompasses both visual and conceptual understanding. This edition retains the hallmark art program and clear writing style that have made Robert W. Bauman's book an engaging and successful introductory text.

FEATURES

- **Organization and Currency**
  - The taxonomic organization of the disease chapters (Chapters 19—25) presents microbial diseases by type of pathogenic microbe, helping students recognize shared characteristics among categories of microbes.
  - Chapter 3 (Cell Structure and Function) de-emphasizes the term "prokaryote" (a term that is based on an outdated perception of taxonomy and is thus misleading to students) and instead emphasizes the three domains of living organisms, matching the latest taxonomic research. This state-of-the-science organization sets this book apart from all other allied health microbiology books.
  - The immunology chapters (Chapters 15—18), which have been and continue to be reviewed in-depth by immunology specialists, reflect the most current understanding of this rapidly-evolving field of any microbiology book available.
- **Student Interest Features**
  - **Microbe-at-a-Glance boxes** showcase representative microbes in each of the disease chapters. They feature an illustration of a microbe accompanied by very brief summaries of taxonomy, morphology, virulence factors, diseases caused, and treatment/prevention. These "snapshots" also appear as flashcards on the book's website, giving students extra "on-the-go" practice and review opportunities.
  - **Beneficial Microbe boxes** emphasize the practical or benevolent nature and uses of microbes and help students overcome the common misconception that all microbes cause disease.
  - **Clinical Case Study and Emerging Disease Case Study boxes** are written in an engaging narrative voice and feature a patient's experience with microbial diseases and follow-up critical thinking questions for students.
  - **Highlight boxes** appear throughout the text and focus on interesting topics in microbiology; e.g., what causes that "fishy" smell in fish markets, what allows some organisms to glow in the dark, how gold-mining microbes are used, and which cutting-edge molecular techniques are used in microbiology.

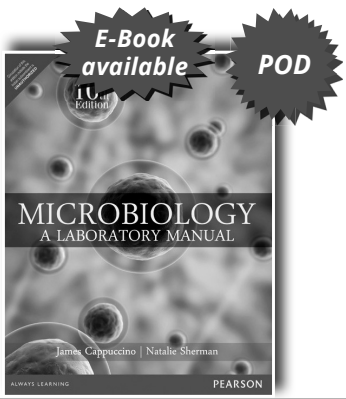
- **Visually Superior Art Program**
  - Half-illustration/half-micrograph 3D cellular art sets a new standard for teaching cellular structure.
  - Superior text-art integration breaks complex processes into smaller, more manageable pieces for students.
  - Colors and icons are used consistently throughout the text to make it easier for students to recognize structures and processes from chapter to chapter.
- **Student Text Resources**
  - Figure Legend Questions encourage critical thinking.
  - Critical Thinking Questions appear throughout the chapters and in the EOC section.
  - Answers to all end-of-chapter review questions (except Short Answers) are at the back of the book; answers to Short Answer questions are in the Instructor's Manual. The answer section and appendices in this edition are tabbed for easy reference.
  - TEM/SEM Designations, a feature regularly requested by instructors, appear in all micrographs and many illustrations.
  - Pronunciations and Etymology Guides help students with pronouncing and remembering vocabulary.
  - Concept Mapping exercises appear in the end-of-chapter material, guiding students to create their own concept maps from a list of key terms focused around an important chapter topic.

CONTENTS

ABOUT THE AUTHOR

ROBERT W. BAUMAN is a professor of biology and past chairman of the Department of Biological Sciences at Amarillo College in Amarillo, Texas. He has taught microbiology, human anatomy and physiology, and botany for over thirty years.

Microbiology: A Laboratory Manual, 10/e



James G. Cappuccino | Natalie Sherman

576 | © 2014

ISBN: 9789332535190

ABOUT THE BOOK

Versatile, comprehensive, and clearly written, this competitively priced laboratory manual can be used with any undergraduate microbiology text-and now features brief clinical applications for each experiment, MasteringMicrobiology®quizzes that correspond to each experiment, and a new experiment on hand washing. Microbiology: A Laboratory Manual is known for its thorough coverage, descriptive and straightforward procedures, and minimal equipment requirements. A broad range of experiments helps to convey basic principles and techniques. Each experiment includes an overview, an in-depth discussion of the principle involved, easy-to-follow procedures, and lab reports with review and critical thinking questions. Ample introductory material and laboratory safety instructions are provided.

FEATURES

- Comprehensive coverage of the core microbiology topics includes experiments in the areas of genetics, immunology, and biotechnology.
- A wide range of experiments progressing from simple to complex enable instructors to tailor their laboratory classes to the topics they wish to cover.
- Experiments use the most common and affordable laboratory materials, designed to accommodate any lab.
- Over 90 photographs in full color and numerous illustrations appear directly alongside the experiments, helping students visualize techniques and expected results.
- Spiral binding makes student-use easier and minimizes space on a lab bench.
- A detailed introductory section on basic lab techniques and safety thoroughly prepares students for lab work during the semester.
- "Caution" icons alert users to experiments that pose a potential risk.
- Six appendices cover the topics of Scientific Notification, Methods for Preparation of Dilutions, Microbiological Media, Biochemical Test Reagents, Staining Reagents, and Experimental Microorganisms.
- A Guide to Serial Dilutions is printed on the inside back cover for students' quick reference in completing exercises.
- Art demonstrating lab procedures appears consistently in a special box design that distinguishes it from other art, and catches the student's eye.
- A bold and modern four-color design adds distinction to each individual element, and allows for easier navigation within each experiment.

CONTENTS

15. Use of Differential, Selective, and Enriched Media
16. Physical Factors: Temperature
17. Physical Factors: pH of the Extracellular Environment
18. Physical Factors: Atmospheric Oxygen Requirements
19. Techniques for the Cultivation of Anaerobic Microorganisms
20. Serial Dilution - Agar Plate Procedure to Quantitate Viable Cells
21. The Bacterial Growth Curve

Part 5: Biochemical Activities of Microorganisms

22. Extracellular Enzymatic Activities of Microorganisms
23. Carbohydrate Fermentation
24. Triple Sugar-Iron Agar Test
25. IMViC Test
26. Hydrogen Sulfide Test
27. Urease Test
28. Litmus Milk Reactions
29. Nitrate Reduction Test
30. Catalase Test
31. Oxidase Test
32. Utilization of Amino Acids
33. Genus Identification of Unknown Bacterial Cultures

Part 6: The Protozoa

34. Free-Living Protozoa
35. Parasitic Protozoa

Part 7: The Fungi

36. Cultivation and Morphology of Molds
37. Yeast Morphology, Cultural Characteristics, and Reproduction
38. Identification of Unknown Fungi

Part 8: The Viruses

39. Cultivation and Enumeration of Bacteriophages
40. Isolation of Coliphages from Raw Sewage

Part 9: Physical and Chemical Agents for the Control of Microbial Growth

41. Physical Agents of Control: Moist Heat
42. Physical Agents of Control: Environmental Osmotic Pressure
43. Physical Agents of Control: Electromagnetic Radiations
44. Chemical Agents of Control: Chemotherapeutic Agents
45. Determination of Penicillin Activity in the Presence and Absence of Penicillinase
46. Chemical Agents of Control: Disinfectants and Antiseptics

Part 10: Microbiology of Food

47. Microbiological Analysis of Food Products: Bacterial Count
48. Wine Production

Part 11: Microbiology of Water

49. Standard Qualitative Analysis of Water
50. Quantitative Analysis of Water: Membrane Filter Method

Part 12: Microbiology of Soil

51. Microbial Populations in Soil: Enumeration
52. Isolation of Antibiotic-Producing Microorganisms and Determination of Antimicrobial Spectrum of Isolates
53. Isolation of Pseudomonas Species by Means of the Enrichment Culture Technique

Part 13: Bacterial Genetics

54. Enzyme Induction
55. Bacterial Conjugation
56. Isolation of a Streptomycin-Resistant Mutant
57. The Ames Test: A Bacterial Test System for Chemical Carcinogenicity

Part 14: Biotechnology

58. Bacterial Transformation
59. Isolation of Bacterial Plasmids
60. Restriction Analysis and Electrophoretic Separation of Bacteriophage Lambda DNA

Part 15: Medical Microbiology

61. Microbial Flora of the Mouth: Determination of Susceptibility to Dental Caries
62. Normal Microbial Flora of the Throat and Skin
63. Identification of Human Staphylococcal Pathogens
64. Identification of Human Streptococcal Pathogens
65. Identification of Streptococcus pneumoniae
66. Identification of Enteric Microorganisms Using Computer-Assisted Multitest Microsystems
67. Isolation and Presumptive Identification of Campylobacter
68. Microbiological Analysis of Urine Specimens
69. Microbiological Analysis of Blood Specimens
70. Species Identification of Unknown Bacterial Cultures

Part 16: Immunology

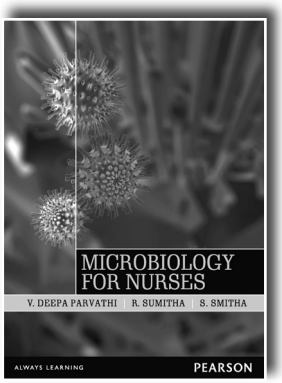
71. Precipitin Reaction: The Ring Test
72. Agglutination Reaction: The Febrile Antibody
73. Immunofluorescence
74. Enzyme-Linked Immunoabsorbent Assay
75. Agglutination Reaction: Mono-Test for Infectious Mononucleosis
76. Sexually Transmitted Diseases: Rapid Immunodiagnostic Procedures

ABOUT THE AUTHOR(S)

James Cappuccino is a Professor Emeritus at the State University of New York (SUNY) system at Rockland Community College.

Natalie Sherman is at the State University of New York (SUNY) system at Rockland Community College.

Microbiology for Nurses



V. Deepa Parvathi | R. Sumitha | Smitha. S

408 | © 2014

ISBN: 9789332525276

Web Supplements

ABOUT THE BOOK

Microbiology for Nurses approaches, in a systematic way, the pathogenic activities of a wide range of microorganisms and their indications on the human body. Designed to fully address the needs of nursing students taking up a curriculum on microbiology, the book conforms to the syllabus prescribed by the Indian Nursing Council. With ample review questions and multiple choice questions to enable easy recapitulation and vibrant color illustrations to appeal to the visual learner, this book presents the theoretical concepts of the subject from a professional nursing perspective.

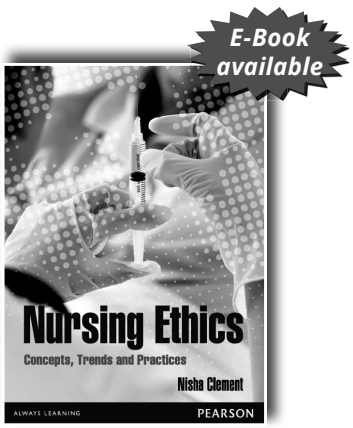
FEATURES

- Exhaustive coverage of asepsis, sterilization and disinfection
- Focus on hospital safety measures and biomedical waste management
- In-depth analysis of the scope of chemotherapy and the action of antibiotics
- Concise and easy-to-follow presentation of techniques for collection and handling of specimens, immunization and vaccination
- Ready-to-use online resources featuring laboratory experiments and true-or- false questions

CONTENTS

ABOUT THE AUTHOR(S)

Mrs. V. Deepa Parvathi is faculty, Department of Human Genetics, Sri Ramachandra University, Tamilnadu
Mrs. R. Sumitha is faculty, Department of Biomedical Sciences, Sri Ramachandra University, Tamilnadu
Mrs. Smitha. S is visiting Faculty, C. M. Managuli Arts &Science College Karnataka



ISBN: 9788131773345

Nursing Ethics: Concepts, Trends and Practices

Nisha Clement

424 | © **2012**

ABOUT THE BOOK

Basic Approach

This book on Nursing Ethics is meant for the entire nursing community and provides the ethical guidelines for students, teachers, practicing nurses in clinics, managing nurses and those doing researches.The book helps them to understand the concepts in a very simple and lucid manner irrespective of their specialized areas like emergency department, intensive care unit, operation theater, etc.

FEATURES

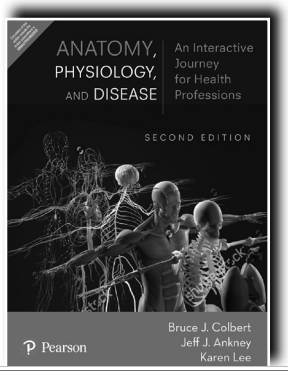
- Complete and exclusive coverage of ethical practices in nursing
- Exhaustive coverage of nursing ethics in super specialty areas
- Separate chapters on ethics in clinical specialties areas
- Important definitions are listed at the beginning of every chapter.
- Glossary to guide the students with the difficult terms

CONTENTS

1. Introduction to Ethics
2. Principles of Nursing Ethics
3. Professional Regulations in Ethics
4. Ethics Issues in Nursing
5. Special Ethical Issues in Nursing

ABOUT THE AUTHOR

Nisha Clement is Associate Professor, ESIC College of Nursing, Bangalore.



ISBN: 9789332586802

Anatomy, Physiology, and Disease: An Interactive Journey for Health Professions, 3/e

Bruce J. Colbert | Jeff J. Ankney | Karen Lee

896 | © 2017

ABOUT THE BOOK

For all combined courses covering anatomy, physiology, and pathology in allied health programs, four year degree programs, military healthcare training centers, and other programs for standard A&P I and II courses and as an advanced high school courses.

This engaging, conversational book introduces all the anatomy, physiology, and pathology concepts that students must master to succeed in the health professions. It's designed to promote true understanding, not mere memorization, and to help students make the lasting connections they need to thrive as practitioners. Throughout, well-placed "Pathology Connections" sections tightly link A&P concepts to pathologic processes. Analogies help students compare the human body to objects and processes they already understand, and illustrations and visual features support the visual learning style many of them prefer.

FEATURES

Hallmark Features

- Enjoyable to read, and linked to students' everyday lives. Takes a more personal approach that engages students by using real-world analogies and humor wherever appropriate, and encourages mastery rather than mere memorization.
- Integrates diverse concepts and pathologies through realistic case studies. Presents two running case studies: one of a patient with diabetes, and the other of a patient with a spinal cord industry. Throughout the text, these case studies integrate key concepts, demonstrate multi-system effects, understand the patient's progression; and encourage students to use critical thinking to make clinical connections.
- Introduces students to key body system diagnostic tests. Provides a dedicated chapter on body system diagnostic tests at the end of the book.
- Gives students rich reference resources they can rely upon for years. Contains appendices with more information about medical terminology, clinical abbreviations, "Do Not Use" lists, infectious diseases and related pathogens, laboratory reference values, multi-system effects, vitamins and minerals, and both standard and transmission-based precautions.

EXCELLENT PEDAGOGY

Pathology Connections
Applied Sciences boxes
Special boxed Learning Hints
"Test Your Knowledge" questions
Study Success Companion
Clinical Applications boxes
End-of-chapter "Quick Trip" review sessions
"That's Awesome" Amazing Body Facts
Pharmacology Corner
Medical terminology, word roots, suffixes, prefixes, and "see-and-say" pronunciation in the margins

CONTENTS

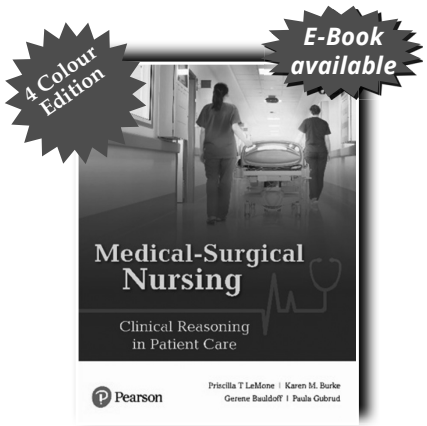
14. The Lymphatic and Immune Systems: Your Defense Systems
15. The Gastrointestinal System: Fuel for the Trip
16. The Urinary System: Filtration and Fluid Balance
17. The Reproductive System: Replacement and Repair
18. Basic Diagnostic Tests: Assessing the Systems
19. The Journey's End: Now What? The Study Success Companion: The Key to Your Successful Journey

ABOUT THE AUTHOR(S)

Bruce Colbert is the Director of the Allied Health Department at the University of Pittsburgh at Johnstown. He holds a Master's in Health Education and Administration, has authored four books, written several articles, and given over 175 invited lectures and workshops at both the regional and national level.

Jeff Ankney is the Director of Clinical Education for the University of Pittsburgh at Johnstown Respiratory Care program where he is responsible for the development and evaluation of hospital clinical sites. In the past, Jeff has served as a public school teacher, Assistant Director of Cardiopulmonary Services, Program Coordinator of Pulmonary Rehabilitation, and a member of hospital utilization review

Karen Lee is an Associate Professor in the Biology Department at the University of Pittsburgh at Johnstown, where she teaches all the anatomy courses, including Anatomy and Physiology for Nursing and Allied Health students. She presents regularly at scientific conferences



ISBN: 9789353062026

Medical-Surgical Nursing: Clinical Reasoning in Patient Care, 6/e

Priscilla LeMone | Karen M. Burke | Gerene Bauldoff | Paula Gubrud

1904 | © 2019

Web Supplements

ABOUT THE BOOK

Medical-Surgical Nursing: Clinical Reasoning in Patient Care, 6e provides students with all of the practical knowledge and skills they need to care for adult patients—without overwhelming readers with diseases and disorders that are beyond the beginning nurse's scope of practice. Carefully selected content focuses on the most salient concepts that new nurses will need to know when they first enter practice: how to promote health, facilitate recovery from illness and injury, and provide support when coping with disability or loss.

Throughout the text, the authors focus on individualized holistic nursing care as the crucial element in learning and practicing nursing, and the readers are given the tools they need to develop their clinical reasoning ability so that they can make safe and effective decisions on the job. With its understandable language, visual approach, and consistent teaching and learning format, it's no surprise that students across the globe overwhelmingly report that they truly like reading this text.

FEATURES

- Clinical Competencies at the beginning of each chapter have been revised to clearly reflect QSEN competencies
- New chapters on Informatics and Evidence-Based Practice in Medical-Surgical Nursing, Perioperative Nursing and Nursing Care of Patients with Communicable Diseases
- Priorities of Care help the student prioritize care, particularly in acute situations
- Moving Knowledge into Action provide students with opportunities to reflect on and apply their learning to patient care situations
- Expected Outcomes appear after every nursing diagnosis to help the student identify the goal of planned nursing interventions
- Continuity of Care focuses on the nurse's responsibility for preparing the patient and caregivers for transitions of care from one healthcare setting to another or to the home

CONTENTS

22. Nursing Care of Patients with Nutritional Disorders
23. Nursing Care of Patients with Upper Gastrointestinal Disorders
24. Nursing Care of Patients with Bowel Disorders
25. Nursing Care of Patients with Gallbladder, Liver, and Pancreatic Disorders

UNIT 7 Responses to Altered Urinary Elimination

26. Assessing the Renal System
27. Nursing Care of Patients with Urinary Tract Disorders
28. Nursing Care of Patients with Kidney Disorders

UNIT 8 Responses to Altered Cardiovascular Function

29. Assessing the Cardiovascular and Lymphatic Systems
30. Nursing Care of Patients with Coronary Heart Disease
31. Nursing Care of Patients with Cardiac Disorders
32. Nursing Care of Patients with Vascular and Lymphatic Disorders
33. Nursing Care of Patients with Hematologic Disorders

UNIT 9 Responses to Altered Respiratory Function

34. Assessing the Respiratory System
35. Nursing Care of Patients with Upper Respiratory Disorders
36. Nursing Care of Patients with Ventilation Disorders
37. Nursing Care of Patients with Gas Exchange Disorders

UNIT 10 Responses to Altered Musculoskeletal Function

38. Assessing the Musculoskeletal System
39. Nursing Care of Patients with Musculoskeletal Trauma
40. Nursing Care of Patients with Musculoskeletal Disorders

UNIT 11 Responses to Altered Neurologic Function

41. Assessing the Nervous System
42. Nursing Care of Patients with Intracranial Disorders
43. Nursing Care of Patients with Spinal Cord Disorders and CNS Infections
44. Nursing Care of Patients with Neurologic Disorders

UNIT 12 Responses to Altered Sensory Function

45. Assessing the Eye and Ear
46. Nursing Care of Patients with Eye and Ear Disorders

UNIT 13 Responses to Altered Reproductive Function

47. Assessing the Male and Female Reproductive Systems
48. Nursing Care of Men with Reproductive System and Breast Disorders
49. Nursing Care of Women with Reproductive System and Breast Disorders
50. Nursing Care of Patients with Sexually Transmitted Infections Additional Chapters
51. Perioperative Nursing
52. Nursing Care of Patients with Communicable Diseases

Appendices
Glossary
Index

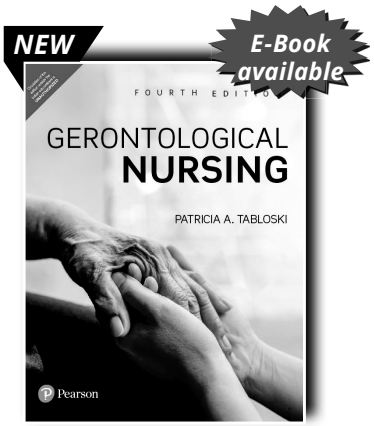
ABOUT THE AUTHOR(S)

Priscilla LeMone, RN, DSN, FAAN Associate Professor Emeritus Sinclair School of Nursing University of Missouri Columbia, Missouri

Karen M. Burke, RN, MS Education Consultant Astoria, Oregon

Gerene Bauldoff, RN, PhD, FAAN Associate Professor of Clinical Nursing The Ohio State University Columbus, Ohio

Paula Gubrud, RN, MS, EdD., FAAN Senior Associate Dean for Academic Affairs Oregon Health & Science University School of Nursing Portland Oregon



ISBN: 9789356065864

Gerontological Nursing, 4/e

Patricia A. Tabloski

792 | © **2024**

Web Supplements

ABOUT THE BOOK

Gerontological Nursing is a comprehensive, research-based guide to the nursing care of older adults. It addresses normal and pathophysiological changes of aging, as well as psychosocial, cultural and public health influences. With a focus on "adding life to years," not just extending life, the text explores evidence and best practices that promote safe and effective assessment, diagnosis and outcomes. The 4th Edition provides new evidence and standards affecting the care of aging populations. New practice opportunities help students respond to complex patient-care scenarios and prepare for success on the NCLEX-RN® exam.

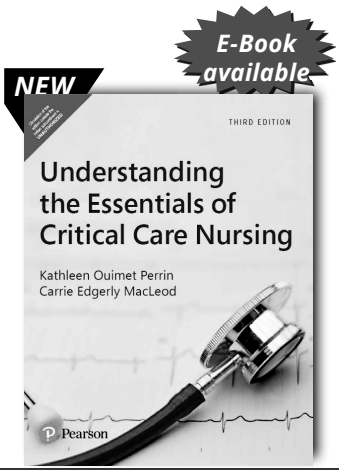
FEATURES

- Normal changes and common diseases (acute and chronic) of aging are covered in clinical chapters, as a basis for nursing assessment and care.
- Complementary and alternative therapies, and how they interact with more traditional therapies, are another point of focus.
- Best Practices feature presents an assessment instrument, protocol or nursing intervention identified as the best course of care for an older patient with a given health problem.
- Ethical Dilemma critical-thinking questions now follow case studies to help students apply clinical reasoning to the scenarios they may encounter in the care of older patients.
- American Geriatrics Society Beers Criteria for potentially inappropriate medication use in older adults, plus related guidelines, are covered in a new appendix. Excellent Pedagogy
- Nursing care plans
- Case studies
- Evidence-based practice guidelines
- Patient-family teaching guidelines
- Healthy-Aging Tips
- NCLEX®-style multiple-choice review questions

CONTENTS

ABOUT THE AUTHOR

Patricia A. Tabloski Boston College, School of Nursing



ISBN: 9789356062351

Understanding the Essentials of Critical Care Nursing, 3/e

Kathleen Perrin | Carrie Ed MacLeod

648 | © **2024**

Web Supplements

ABOUT THE BOOK

An introduction to critical care that helps nurses deliver safe, effective care that optimizes patients' outcomes Understanding the Essentials of Critical Care Nursing provides novice critical care nurses with a firm foundation so that they are able to understand the complexities of care; deliver safe, effective care; and begin their transition to expert nurses. It identifies concepts and techniques that are unique to critical care nursing and focuses on the essentials of providing care to patients with disorders that are commonly seen in critical care settings. Evidence-based practices, safety initiatives, commonly used medications, and leading technologies for providing better care are highlighted throughout the book. By concentrating on the problems that the new critical care nurse is most likely to encounter, the text establishes the groundwork students need to become increasingly effective nurses capable of offering advanced care.

FEATURES

- Reflects a patient-centered approach that helps beginning critical care nurses deliver safe, effective care that optimizes patients' outcomes.
- Keeps readers current with new recommendations for practice with significant changes in the provision of sedation and pain medication as well as the management of ventilation, heart failure, stroke, blood, or volume resuscitation in trauma, palliative care, and sepsis.
- Gerontologic and Bariatric Considerations in every chapter highlight the unique needs of the elderly and overweight.
- Building Technology Skills sections focus on the technologies nurses are most likely to encounter when caring for patients experiencing the conditions discussed in each chapter.
- Prepares students for the uniquely difficult challenges of caring for patients at the end of life.
- Essentials explore specific opportunities to promote comfort, provide nutrition, enhance communication, and maintain safety—reflecting the areas identified by the Robert Wood Johnson Foundation's Nurse of the Future initiative.

CONTENTS

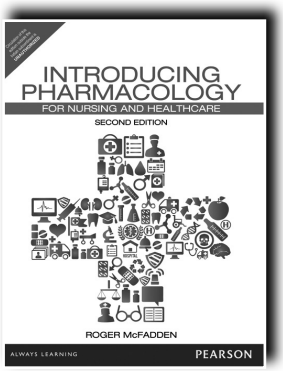
ABOUT THE AUTHOR

Kathleen Ouimet Perrin, PhD, RN, CCRN, is professor emerita and adjunct professor of nursing at Saint Anselm College in Manchester, New Hampshire, where she has taught critical care nursing, professional nursing, ethics, health assessment and understanding suffering. While teaching at the college, she received the AAUP award for Excellence in

Teaching. She received her bachelor's degree from the University of Massachusetts, Amherst, her master's degree from Boston College, and her PhD from Union Institute and University in Cincinnati, Ohio. She has been a practicing critical care nurse for more than 40 years, and has been a member of the American Association of Critical Care (AACN) Nurses for nearly as long. Kathleen has served on the board of the Southern New Hampshire AACN and is a past president of the chapter. She has been on numerous review panels for the national AACN. She was a member of the board of directors and President of the Epsilon Tau chapter of Sigma Theta Tau International. She has published and presented in the areas of critical care nursing, nursing ethics, nursing history, suffering experienced by patients and health care providers, and conflict among members of the health care team. She has written two other nursing texts: Nursing Concepts: Ethics and Conflict, and Palliative Care Nursing: Caring for Suffering Patients, which won an AJN Book of the Year Award in 2011.

Carrie Edgerly MacLeod PhD, APRN-BC, currently works as a nurse practitioner in Cardiac Surgery Intensive Care in Massachusetts. She has also worked in critical care settings at major teaching institutions in New Hampshire and New York. She received her bachelor's degree from Saint Anselm College and both her master's degree and PhD from the William F. Connell School of Nursing, Boston College. She has served as a faculty member at both at Saint Anselm and Boston College where she taught pharmacology, pathophysiology, and critical care nursing. She has published in the areas of patients' and family caregivers' experiences after cardiac surgery. Dr. MacLeod has lectured on management of the critically ill client at many symposiums across the United States. She has received both academic and clinical awards for her contributions to critical care nursing and client care.

PHARMACOLOGY



ISBN: 9789332517295

Introducing Pharmacology: For Nursing and Healthcare, 2/e

Roger McFadden

368 | © **2014**

ABOUT THE BOOK

This new edition of Introducing Pharmacology remains an accessible and relevant introduction for nursing and healthcare students who are new to pharmacology, as well anyone looking to refresh their knowledge of the subject.

Focused and engaging, the text balances accessibility with depth. Coverage of anatomy and physiology as well as pathophysiology helps to relate the subject to practical realities and makes this text stand out.

FEATURES

- Extend coverage of the pharmacopoeia with a completely new chapter on anti-cancer drugs.
- New sections, including general anaesthetics, hay-fever and prescribing for special groups such as children, pregnant women and the elderly.
- Fully updated with the Recommended International Non-proprietary Names (rINN) for drugs as used in the British National Formulary.
- Inclusion of a new glossary of key terms and definitions.

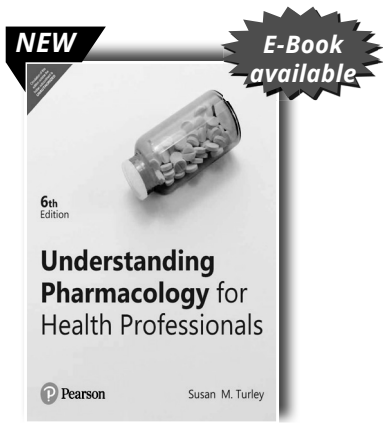
CONTENTS

Part 2 The major drug groups

4. The cardiovascular system I: drugs used in the management of coronary artery disease
5. The cardiovascular system II: hypertension and antihypertensive drugs
6. Inflammation and the management of pain
7. Disorders and drugs of the digestive system
8. Infection and anti-microbial drugs
9. Disorders and drugs of the respiratory system
10. Disorders and drugs of the endocrine system
11. Drugs used in the treatment of mental health and neurological disorders
12. Drugs used in the treatment of Cancers and Chemotherapy

ABOUT THE AUTHOR

Roger McFadden is Senior Lecturer in Applied Physiology at Birmingham City University



ISBN: 9789361596278

Understanding Pharmacology for Health Professionals, 6/e

Susan M. Turley

560 | © **2024**

ABOUT THE BOOK

Understanding Pharmacology for Health Professionals simplifies the vast world of drugs and pharmaceuticals. It groups drug categories by therapeutic effects and the disease they're used to treat. The text streamlines drug data through an A-Z Drug Reference along with other resources.

FEATURES

- Every chapter and each appendix has been updated with the most current generic and trade name drugs. Drug categories and drug information are current right up to the date of publication.
- This edition has more illustrations and photographs of real drugs. The images picture drug forms, drug packages, drug labels and drugs being administered to patients.
- "See-and-say" drug pronunciations appear after every generic drug in the chapters and appendices. The A-Z Drug Reference includes pronunciations for both generic and trade name drugs.
- Word part and meaning boxes helps students see how a complex word can be broken down into its word parts and meanings. This helps deepen their understanding of medical terminology.
- Chapter-ending review has been expanded. It now includes additional types of questions: matching, true or false, and fill in the blank.

CONTENTS

Unit I: Introduction to Pharmacology

1. Introduction to Pharmacology
2. Drug Testing, Drug Forms, and Drug Measurements
3. Prescriptions and Using Drugs Therapeutically

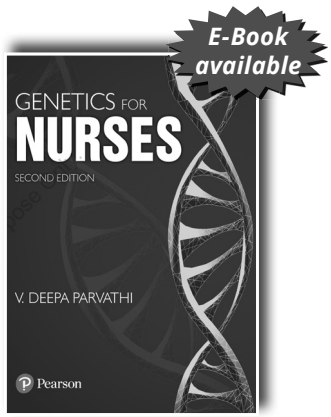
Unit II: Drugs Related to a Body System

4. Gastrointestinal Drugs
5. Analgesic Drugs and Musculoskeletal Drugs
6. Respiratory Drugs
7. Cardiovascular Drugs
8. Hematologic Drugs
9. Anti-Infective Drugs
10. Urinary Drugs
11. Reproductive Drugs
12. Neurologic Drugs
13. Psychiatric Drugs
14. Endocrine Drugs
15. Integumentary and Ophthalmic Drugs

ABOUT THE AUTHOR

Susan M. Turley, MA (Educ), BSN, RN, RHIT, is an experienced educator and practitioner in many areas of health care. She has a Master of Arts degree in adult education, a Bachelor of Science degree in nursing and national certification in the field of health information management. As a nurse, Susan has worked and administered drugs in neonatal and pediatric intensive care units, physician office settings and a plasmapheresis center. She has also worked in an administrative capacity in managed care and long-term care, as a quality manager, health information manager, physician office auditor and infection control officer. She has also created physician credentialing databases. As an educator, Susan has been an adjunct professor, teaching an introductory pharmacology course for students in the pharmacy technician, medical assisting and respiratory therapy programs at a community college. She also taught medical terminology and medical transcription courses there for many years, and she developed the bachelor's and master's curricula for the International Institute of Original Medicine. Susan was the co-leader for many medical transcription instructor training sessions, sponsored by Health Professions Institute. She was also a guest speaker at several seminars to prepare students to take health information management national certification examinations, sponsored by Stevens College.

GENETICS



ISBN: 9789357053259

Genetics for Nurses, 2/e

V Deepa Parvathi

276 | © **2023**

Web Supplements

ABOUT THE BOOK

Genetics for Nurses aims to provide a clear, comprehensive, rigorous, and balanced introduction to genetics at the college level. Designed for the core subject on genetics offered to undergraduate students of nursing, this book presents the theoretical concepts in a lucid style along with colour illustrations, numerous review questions and case-specific problems pertaining to genetic disorders that help students identify and diagnose clinical conditions. The content of this book has been framed based on the curriculum designed by the Nursing Council of India. The topics have been grouped into five units in such a way that the book takes the students from classical genetics through clinical genetics and diagnosis to the latest advances in genetics, adding emphasis to social and ethical issues.

FEATURES

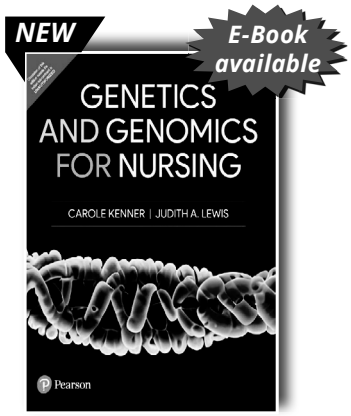
- Detailed coverage of prenatal genetic testing and diagnosis
- Comprehensive coverage of spontaneous abortion and conditions affecting the pregnant mother, with special emphasis on teratogens
- Lucid and elaborate explanation of the cell division cycles- mitosis and meiosis
- Patierns of inheritance and mutation dealt in detail
- New sections on Huntington's disease, rare genetic disorders and protocols for genetic diagnosis

CONTENTS

1. Nature, Principles and Perspectives of Heredity
2. Maternal, Prenatal and Genetic Influences on Development of Defects and Diseases
3. Screening Methods for Genetic Defects and Diseases in Neonates and Children
4. Genetic Disorders in Adolescents and Adults
5. Role of Nurse in Genetic Services and Counselling

ABOUT THE AUTHOR

V. Deepa Parvathi, Department of Biomedical Sciences, Sri Ramachandra Institute of Higher Education and Research (D.U.) Chennai, Tamil Nadu



ISBN: 9789356063983

Genetics and Genomics for Nursing

Carole Kenner | Judith A. Lewis

408 | © 2024

Web Supplements

ABOUT THE BOOK

This book brings together the genetics and genomics knowledge nurses need to provide safe and effective care in today's "genomic era." It teaches through small, modular units, each with pretests, section quizzes, and post-tests. Answers are provided to help students check their knowledge, and Emerging Evidence and Critical Thinking checkpoints encourage them to apply it. The text first places modern genetics in context, introduces its essential principles, and outlines its deep ethical, legal, social, and public policy implications. Next, readers learn how to take family genetic histories and assess risks; utilize immunogenetics and cancer genetics in cancer prevention and treatment; apply genetics in public health promotion; recognize the role of genes in psychiatric illnesses and in aging; and much more.

FEATURES

- Helps students link genetics to all facets of safe and effective patient care—including patient engagement, patient safety, quality, and outcomes
- Provides multiple opportunities for students to check and reinforce their learning—including Pre and Post tests, coupled with review questions after each section of each chapter
- Helps students identify the latest evidence-based trends related to genetic medicine and healthcare—presenting up-to-the-minute information in Emerging Evidence boxes throughout the text
- Explains the critical importance of genetics in public health—with a full section on public health genetics, including a chapter on environmental interactions with genes
- Illuminates new gene-related insights into psychiatric disorders—explaining recent progress in understanding depression, addictions, autism, and other mental health problems.

CONTENTS

Part 4: Assessment

13. Family History Tool Module
14. Risk Assessment.

Part 5: Cancer Genetics

15. Immunogenetics
16. Cancer Genetics

Part 6: Public Health Genetics

17. Impact of Environment on Health: Interaction with Genes
18. Common Diseases with Genetic Linkages

Part 7: Psychiatric Disorders

19. Bipolar Disease and Genetic Linkages.
20. Depression and Genetic Linkages
21. Addictive Behaviors and Genetic Linkages
22. Autism

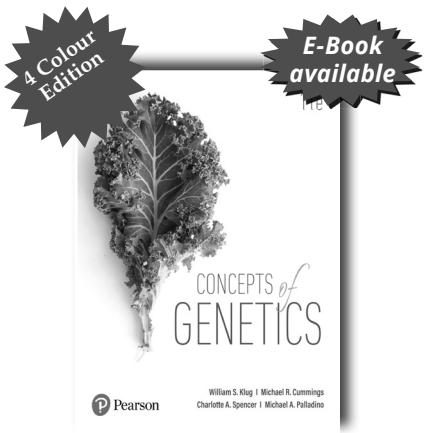
Part 8: Special Topics

23. Pharmacogenomics
24. Genetics and Aging Resources

ABOUT THE AUTHOR

Carole A. Kenner, PhD, RNC-NIC, NNP, FAAN, is nationally and internationally known for her policy-setting work to establish rights of the neonate, standards for the care of the neonate and the reduction of infant mortality worldwide. Dr. Kenner holds many titles, including Dean/Professor, School of Nursing, and Associate Dean, Bouve College of Health Sciences, at Northeastern University, Boston, and Adjunct Professor, Case Western Reserve University, Cleveland. She also serves as President, Consultants with Confidence, Inc., West Roxbury, MA; Consultant, Excelsior University Online Program, Albany, NY; and Trainer, End-of-Life Nursing Education Consortium in Pediatric Palliative Care (ELNEC), Washington, DC. She has published > 75 peer-reviewed journal articles, 30 books, and at least 80 book chapters. Dr. Kenner has participated as PI, Co-PI or Consultant on nearly 60 research grants. She is a member of four honorary organizations, including the AAN (elected 1994) and is a member of numerous review panels, editorial boards, and consultant groups.

Judith A. Lewis (Ph.D., University of Michigan) retired in 2008 from Governors State University, where she served as Professor and Chair of Addictions Studies and Behavioral Health. A licensed psychologist in Illinois, she is a past president of the American Counseling Association (ACA) and the International Association of Marriage and Family Counselors.



ISBN: 9789353940409

Concepts of Genetics, 11/e

William S. Klug | Michael R. Cummings | Charlotte A. Spencer | Michael A. Palladino | Darrell Killian

816 | © 2020

ABOUT THE BOOK

Pearson presents the Eleventh Edition of ***Concepts of Genetics***—a text now entering its fourth decade of providing support for students studying in this field, has occasioned still another fresh look. In addition to the normal updating that is inevitably required, this new edition focusses on the need to increase the opportunities for instructors and students to engage in **active and cooperative learning approaches** and the need to provide more **comprehensive, cutting-edge coverage of important and emerging topics** in genetics. This edition emphasizes the fundamental ideas of genetics and a strong problem-solving approach, while exploring modern techniques and applications of genetic analysis.

FEATURES

- **Modern Approaches to Understanding Gene Function** feature challenges students to understand how modern gene targeting approaches have dramatically advanced our understanding of gene function.
- **Evolving Concept of the Gene** is a short feature, integrated in appropriate chapters, that highlights how scientists' understanding of what a gene is has changed over time.
- **Three new Special Topics in Modern Genetics** mini-chapters explore cutting-edge topics, including updated content on Emerging Roles of RNA, Genetically Modified Foods, and Gene Therapy.
- **Neurogenetics** has been completely reworked and redefined to reflect the wealth of information regarding the impact of genetics on the field of neurobiology, linking genetic analysis to brain function and brain disorders.

CONTENTS

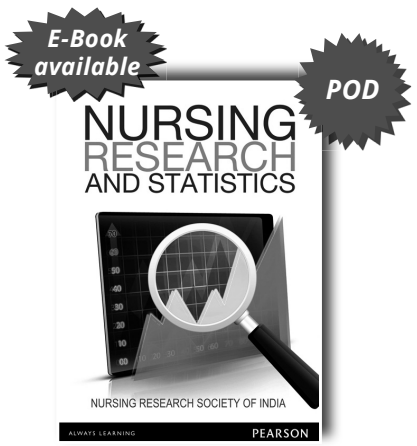
ABOUT THE AUTHOR(S)

William S. Klug is an Emeritus Professor of Biology at The College of New Jersey (formerly Trenton State College) in Ewing, New Jersey, where he served as Chair of the Biology Department for 17 years.

Michael R. Cummings is Research Professor in the Department of Biological, Chemical, and Physical Sciences at Illinois Institute of Technology, Chicago, Illinois.

Charlotte A. Spenceris a retired Associate Professor from the Department of Oncology at the University of Alberta in Edmonton, Alberta, Canada.

Michael A. Palladino is Dean of the School of Science and Professor of Biology at Monmouth University in West Long Branch, New Jersey.



ISBN: 9788131775707

Nursing Research and Statistics

Nursing Research Society of India

424 | © 2012

ABOUT THE BOOK

Nursing Research and Statistics provides a clear understanding of the principles and processes of nursing research, which is an essential subject for nursing students. This is a comprehensive text, written by eminent members of the Nursing Research Society of India (NRSI) ,that also looks into the methods of data collection, its analysis and presentation. Based on the Indian Nursing Council syllabus, this textbook is specially designed to meet the needs of B.Sc. students of nursing

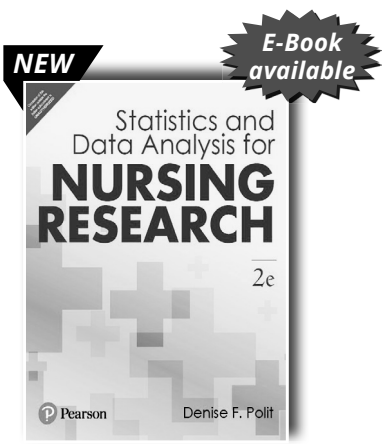
FEATURES

- Student-friendly
- Original content written by experienced members of NRSI
- Covers 'Fundamentals of Statistics' in a separate chapter
- Covers both Qualitative and Quantitative studies in Sampling
- Based on INC syllabus
- Foreword by Prof. Reena Bose (Former President of NRSI and Principal of Sister Florence College of Nursing)

CONTENTS

ABOUT THE AUTHOR

The Nursing Research Society of India (NRSI) was established in May 1986. From its inception, it has been working continuously to promote research within and around the nursing environment. NRSI also supports the development of nursing research activities in universities and provides nursing care standards to nursing health-care institutions.



ISBN: 9789356065949

Statistics and Data Analysis for Nursing Research, 2/e

Denise F. Polit

456 | © 2024

Web Supplements

ABOUT THE BOOK

The second edition of Statistics and Data Analysis for Nursing Research, uses a conversational style to teach students how to use statistical methods and procedures to analyze research findings. Students are guided through the complete analysis process from performing a statistical analysis to the rationale behind doing so. In addition, management of data, including how and why to recode variables for analysis, how to "clean" data,and how to work around missing data, is discussed.

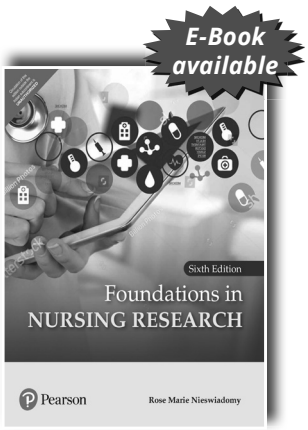
FEATURES

- Research Examples – are used to illustrate key points in the text and to stimulate students' thinking about research questions and analytic options.
- Clear, "user friendly" style – used in this book was designed to make the content digestible and non-intimidating. Concepts are introduced carefully and systematically, difficult ideas are presented clearly.
- Specific practical tips on performing analyses – every chapter includes several tips for applying the chapter's lessons to real-life situations.
- Guidance on presenting statistical results – indicates what information to report in the text versus in tables and figures, and includes exemplary tables that can be used as templates for many statistical analyses.
- Exercises – Student exercises are included at the end of every chapter.
- Further aids to student learning – bolded terms when new concepts are introduced; succinct, bulleted summaries at the end of each chapter; and tables and figures that provide examples and graphic materials in support of the text discussion.

CONTENTS

ABOUT THE AUTHOR

Denise F. Polit Humanalysis, Inc., Saratoga Springs, NY



ISBN: 9789353437770

Foundations in Nursing Research, 6/e

Rose Marie Nieswiadomy

344 | © **2020**

ABOUT THE BOOK

This engaging, learner-friendly text illuminates all steps of the nursing research process, helping students critique research and determine whether study findings are ready to apply in practice. To illustrate specific aspects of the research process, the author extensively excerpts from published studies, including research performed outside the U.S. Pedagogical features include chapter outlines, objectives, definitions of key terms, summaries, class activities, and self-tests.

This Sixth Edition has been revised with up-to-date information and references throughout; more coverage of both quantitative and qualitative research; greater focus on evidence-based practice; and an all-new chapter on nursing research and health care economics that helps nurses clearly understand the financial value of the services they offer, and communicate that value more effectively to colleagues and stakeholders.

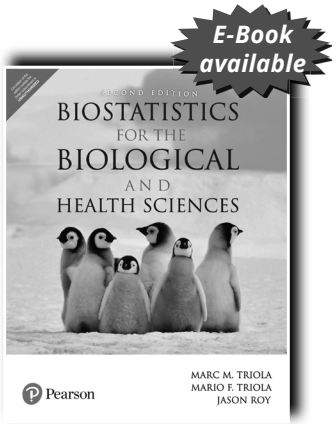
FEATURES

- **Excerpts from 85 nursing research studies drawn from 60 nursing journals**–including recent studies conducted by nurses in the U.S. and around the world.
- **Up-to-the-minute coverage of Web-based research techniques**–including new examples of Internet mega search engines, coverage of all four online CINAHL databases, the free Clinical Trials online database, and information on accessing OJIN.
- **More than 300 terms, with clear definitions**–demystifying the language of research by presenting all new terms in bold, and clearly defining them on first reference.
- **"Get Involved" Activities**–including structured simulations that challenge students to collaborate realistically with other students or colleagues.
- **New! Includes all-new appendix on critiquing research studies**—providing a reference to a recent research article in a clinical nursing journal, with specific questions to use in evaluating it.

CONTENTS

ABOUT THE AUTHOR(S)

Rose Marie Nieswiadomy, PhD, RN, Professor emerita, Texas Woman's University, College of Nursing,
Catherine Bailey, PhD, RN, CNE, Associate Professor, Texas Woman's University, College of Nursing.



ISBN: 9789353436537

Biostatistics for the Biological and Health Sciences, 2/e

Marc M. Triola | **Mario F. Triola**

728 | © **2020**

Web Supplements

ABOUT THE BOOK

Biostatistics for the Biological and Health Sciences uses a variety of real-world applications to bring statistical theories and methods to life. Through these examples and a friendly writing style, the **2nd Edition** ensures that students understand concepts and develop skills in critical thinking, technology, and communication. The result of collaboration between two biological sciences experts and the author of the #1 statistics book in the US, this text provides an excellent introduction to statistics for students studying the biological, life, medical, and health sciences.

FEATURES

- **Latest and best methods** used by professional statisticians are incorporated.
- **New examples, exercises, and Chapter Problems** provide relevant and interesting real-world statistical applications, including biometric security, self-driving cars, smartphone data speeds, and the use of drones for delivery.
  - **More than 1,600 exercises** are included in the text, and nearly 85% are brand new!
  - **More than 200 examples** are scattered throughout the book, and almost 85% are new!
- **EXPANDED! Larger data sets** give students a more comprehensive look at concepts.
- **UPDATED! Real Data Sets:** 89% of the exercises in the text use real data, and 87% of the examples feature real statistics.
- **Easy-to-assign exercises** are graded by difficulty, and exercises that are particularly difficult or involve a new concept appear at the end of exercise sets and are marked by an asterisk, making it easy for instructors to assign homework.
- **Statistical Software:** SPSS, SAS, STATDISK, MINITAB, Excel, and TI-83/84 Plus output appear throughout the text.

EXCELLENT PEDAGOGY

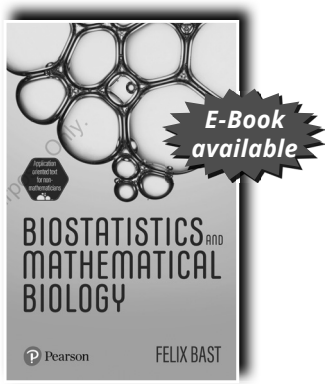
- Chapter-Opening Features
- Margin Essays
- Flow Charts
- Chapter Quick Quizzes
- Review Exercises
- Cumulative Review Exercises
- Technology Projects
- Cooperative Group Activities
- From Data to Decision: Critical Thinking Projects

CONTENTS

ABOUT THE AUTHOR

Dr. Triola is the associate dean for educational informatics and an associate professor of medicine at NYU Langone Health, where he is also the founding director of the Institute for Innovations in Medical Education, known as IIME.

Biostatistics and Mathematical Biology



ISBN: 9789356066267

Felix Bast

372 | © 2023

ABOUT THE BOOK

A comprehensive textbook of biostatistics targeted at non-mathematicians at an advanced bachelor level and above.

The book sequentially covers basic mathematics topics essential for biologists, such as scientific methodology, levels of measurement, and explores more advanced concepts, including Bayes Theorem and Non-linear regression, thereby complying with the biostatistics syllabus of various universities as well as competitive examinations. This application oriented book focuses on the decision-making process during statistical tests and graphing, which test/graph to use, how much would be the minimum sample size, how to interpret the results, and so on. Authored by Prof. Felix Bast, whose course in UGC SWAYAM, "Biostatistics and Mathematical Biology" had been ranked the 7th best MOOC worldwide in 2020".

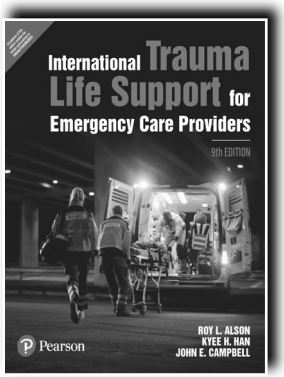
FEATURES

- Concise yet comprehensive textbook on the fundamental concepts of statistics.
- Focused on choosing the correct statistical test and interpreting the results.
- Non-mathematical approach; suitable for biologists and medical students.
- Clear-cut recommendations for various statistical tests and their variations.

CONTENTS

ABOUT THE AUTHOR

Prof. Felix Bast is an award-winning Indian Science Communicator and a public educator working currently as a full Professor at Central University of Punjab, India. He is an expert panelist of Paris-based International Science Council, an elected fellow of Linnean Society of London, and a member of IUCN, Geneva. He holds Ph.D. in Marine Biology from MEXT, Japan (alumnus of Monbukagakusho:MEXT Japanese Govt. international doctoral fellowship), and served as expedition scientist in Indian Antarctic Mission.



ISBN: 9789356063969

International Trauma Life Support, 9/e

Roy L Alson | Kyee H. Han | John E Campbell

448 | © 2022

ABOUT THE BOOK

A decades-long leader in trauma education For over 30 years, International Trauma Life Support for Emergency Care Providers has been at the forefront of trauma education for all levels of prehospital emergency care worldwide. This complete resource is filled with practical, hands-on training that guides readers through the how's and the why's of all the skills needed for rapid assessment, resuscitation, stabilization, and transportation of the trauma patient. The 9th edition reflects the latest and most effective approaches to prehospital trauma care, including a more functional approach to assessment and management.

FEATURES

- The text conforms to the latest guidelines on trauma care from the American Heart Association, International Liaison Committee on Resuscitation, and Committee on Trauma of the American College of Surgeons.
- Revised - The text has been completely reorganized to reflect a more functional approach to the assessment and management of the trauma patient. It is now divided into four sections:
  - Essential Information
  - Foundational Knowledge
  - Special Populations
  - Appendices
- Expanded - Chapter 1 now discusses changes put forth by the Hartford Consensus with regard to scene safety and team-based, multidisciplinary trauma care.
- Expanded - Chapter 19 now examines how advancing age increases mortality and identifies it as an independent risk factor for needing trauma care.
- Updated - Chapter 4 now includes updated techniques for managing hemorrhage, some of which reflect the latest experiences of the military during recent conflicts.
- Updated - Chapters 11 and 12 now incorporate the current science and evolution of when to apply spinal motion restriction based on published guidelines.
- Expanded - Chapter 13 now includes pelvic fractures, as associated with concurrent abdominal injuries.

CONTENTS

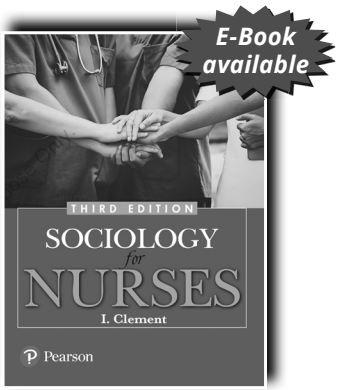
ABOUT THE AUTHOR(S)

Roy L. Alson, PhD, MD, FACEP, FAEMS, is a professor of emergency medicine at Wake Forest University School of Medicine and the former director of the Office of Prehospital and Disaster Medicine, also at Wake Forest.

Kyee H. Han, MBBS, FRCS, FRCEM, is a consultant in trauma and emergency medicine at the James Cook University Hospital, in Middlesbrough, which is a regional major trauma center in the North East of England. He is also honorary medical director to the North East Ambulance Service NHS Foundation Trust. Dr. Han completed his undergraduate medical training at the Institute of Medicine in Rangoon, Burma, in 1976.

John E. Campbell, MD, FACEP (deceased), received his BS degree in pharmacy from Auburn University in 1966 and his medical degree from the University of Alabama at Birmingham in 1970. He practiced emergency medicine for 40 years, in Alabama, Georgia, New Mexico, and Texas. Dr. Campbell became interested in prehospital care in 1972 when he was asked to teach a basic EMT course to members of the Clay County Rescue Squad.

SOCIOLOGY



ISBN: 9789357053273

Sociology for Nurses, 3/e

I Clement

512 | © **2023**

ABOUT THE BOOK

In its pursuit to bring about an awakening among students of nursing about human social behaviour, this third edition of ***Sociology for Nurses*** continues to build on sociological theories that are of relevance to the nursing community. Conforming to the syllabus prescribed by the Indian Nursing Council and catering to the needs of B.Sc. Nursing students in their first year, for the paper on Applied Sociology, this book provides jargon-free explanation of even the most difficult concepts for student's benefit.

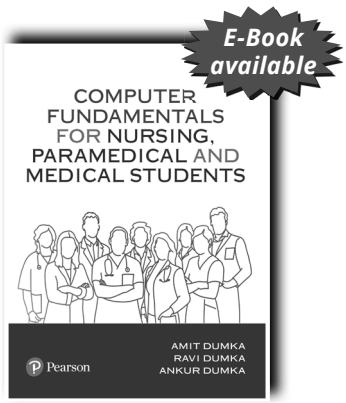
FEATURES

- New topics as per Indian Nursing Council syllabus have been included in the units on Social structure, Culture, Social stratification and Social organization and disorganization.
- New unit on Clinical sociology has been added.
- Additional emphasis provided to sociological concepts and their applications from the standpoint of the practising nurse.
- Core concepts have been exemplified with vivid illustrations and reinforced by rich pedagogy.
- Each chapter has been supplemented with numerous end-of-chapter review questions and objective-type questions.

CONTENTS

ABOUT THE AUTHOR(S)

I. Clement Professor & Principal Sparsh College of Nursing, Bengaluru.



ISBN: 9789357052931

Computer Fundamentals for Nursing, Paramedical and Medical Students

Amit Dumka | Ravi Dumka | Ankur Dumka

372 | © 2023

ABOUT THE BOOK

This book provides the basics of computer technologies that are useful for nursing, paramedical and medical students and any reader who want to learn the different applications of computers. Spread across eleven chapters, the book covers all the aspects of the subject from basics of computers to its application in healthcare in a student-friendly manner. It also explains the ways data, knowledge and information can be used for effective healthcare.

FEATURES

- Demonstrates the use of computer and technology in patient care, nursing education, practice, administration and research.
- Describes the principles of health informatics and its use in developing efficient healthcare.
- Numerous screenshots to aid follow and practice approach

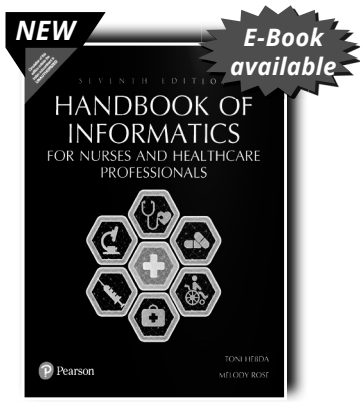
CONTENTS

ABOUT THE AUTHOR(S)

Amit Dumka, Government Medical College Haldwani, India,

Ravi Dumka HP India Sales Pvt. Ltd.,

Ankur Dumka Women Institute of Technology Dehradun, Uttarkhand Graphic Era Deemed to be University Dehradun, Uttarakhand.



ISBN: 9789361597664

Handbook of Informatics for Nurses & Healthcare Professionals, 7/e

TONI HEBDA | MELODY ROSE

528 | © 2024

Web Supplements

ABOUT THE BOOK

Handbook of Informatics for Nurses and Healthcare Professionals examines key issues in adopting and applying healthcare IT and nursing informatics. The contributing authors cover the concepts, skills, and tasks needed to achieve the goals of transforming healthcare delivery. The 7th Edition reflects rapid changes in healthcare IT and informatics. It looks at how the global pandemic has forced a re-examination of healthcare and healthcare delivery, escalated the deployment of IT to track infection and support care, and paved the way for a greater role for nursing and healthcare informatics.

FEATURES

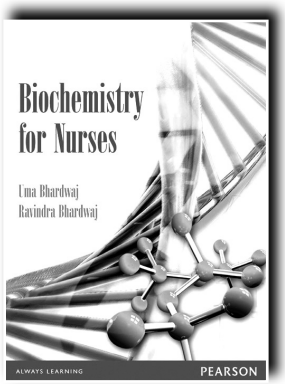
- Includes new Topics in Healthcare IT and Informatics:
- Chapter Updates: New Chapter 3 addresses the challenges of technology in healthcare, while Chapter 20 explores the future directions of nursing informatics on a national and international scale.
- Emerging Content: Includes topics on equitable and inclusive healthcare, genomics for population health, international collaborations, and combating structural, systemic, and institutional racism.
- Chapters have been thoroughly revised to reflect the current and evolving practice of healthcare IT and informatics.
- Presents content on information systems training and presents it within the context of workforce development.

CONTENTS

ABOUT THE AUTHOR(S)

Toni Hebda, PhD, RN-C, CNE, is a professor with the Chamberlain College of Nursing MSN Program, teaching in the nursing informatics track. She has held several academic and clinical positions over the years and worked as a system analyst. Her interest in informatics provided a focus for her dissertation, and subsequently led her to help establish a regional nursing informatics group, obtain a graduate degree in information science, and conduct research related to informatics. She is a reviewer for the Online Journal of Nursing Informatics. She is a member of informatics groups and has presented and published in the field.

Melody Rose, DNP, RN, CPHIMS, is an adjunct instructor with Franklin University in the MS Health Informatics and DS Healthcare Administration programs, as well as a practicing clinician in the field of Healthcare Informatics. She is a 2014 graduate of Duke University School of Nursing DNP program and a 2011 graduate of Walden University School of Nursing MSN, Informatics Specialty. Dr. Rose has organized health informatics seminars, presented implementation strategy lectures for a major pharmaceutical company, and lectured internationally in the field of Nursing Informatics.



ISBN: 9788131768563

Biochemistry for Nurses

Uma Bhardwaj | **R Bhardwaj**

296 | © **2012**

ABOUT THE BOOK

Biochemistry for Nurses has been designed considering the syllabi requirements laid down by The Indian Nursing Council and other premier institutes/universities. Book covers the most up-to-date developments in the area of Biochemistry and presents all the essential course information required for all UG course in an easy-to-follow and step-by-step format.

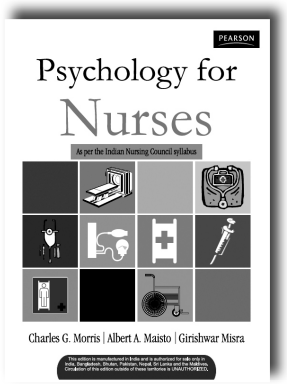
FEATURES

- Detailed Interpretation and Investigation of metabolic disorders of bimolecules
- Simple and self-explanatory diagrams
- Multiple choice and review questions to test one's skills

CONTENTS

ABOUT THE AUTHOR(S)

Uma Bhardwaj is an experienced Prof. of Biochemistry. Presently she is working as Sr. Director with Arni University. She is M.Sc gold medalist in Biochemistry, M.Tech and Ph.D. The author has published a number of research papers in national and international journals also published books. She is the chief editor of Arni University International journals of Science, Technology and Management. She has developed many formulations for commercial products R Bhardwaj is currently Vice-chancellor and has been professor of Biochemistry from the young age of 34 years, teaching M Sc and Ph. D students. Prof R Bhardwaj is a world renowned distinguished scientist and a professor of biochemistry have published research papers in worlds top scientific journals like Nature and BBRC. He had developed biological solar cells with greater power conversion efficiency. Prof Bhardwaj has guided 11 PhD's and has a large number of research publications.



ISBN: 9788131732168

Psychology for Nurses

Charles G. Morris | **Albert A. Maisto** | **Girishwar Misra**

260 | © **2010**

ABOUT THE BOOK

Basic Approach

Designed to facilitate and complement the training of a nurse by creating awareness of and interest in psychology, this textbook provides an introduction to key topics such as the biological basis of behavior, perception, learning, memory, communication, intelligence, and aptitude. This book is written in an easy-to-understand and a lucid style, and deals with concepts of motivation, conflicts and their resolution, personality, and life-span development. Separate chapters on attitude, group psychology, psychological assessment, and the role of a nurse have also been included. Several illustrations, figures, tables, and key terms have been provided in the chapters to aid understanding and recapitulation.

FEATURES

- The characteristics nurses need to develop to better care for their patients
- The need to form some sort of relationship with patients while remaining objective
- The future of the nursing profession in India
- Based on the latest syllabus by the Indian Nursing Council
- Review questions and multiple-choice questions are included at the end of each chapter

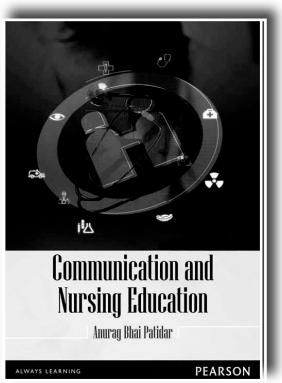
CONTENTS

ABOUT THE AUTHOR(S)

Charles G. Morris, a Ph.D. in psychology from the University of Illinois, is Professor Emeritus at the University of Michigan. He served as Associate Dean in the College of Literature, Science and the Arts and as Associate Chair of the Department of Psychology. He is a Fellow of the American Psychological Association and the American Psychological Society. Dr Morris is also the author of more than two dozen books, more than a dozen articles, and more than thirty papers and presentations.

Albert A. Maisto earned a Ph.D. in psychology from the University of Alabama. Throughout his career, Dr Maisto distinguished himself as an exemplary instructor of general psychology winning the prestigious Bank of America Award for Teaching Excellence. His portfolio includes dozens of published articles in refereed journals, professional papers, and a successful series of Introductory Psychology textbooks by Pearson Education.

Girishwar Misra, currently professor of psychology at the University of Delhi, has served as President of the National Academy of Psychology (NAOP) India, Chairman of the department of psychology, and as Dean of the faculty of arts at Delhi University. Dr Misra has undertaken major research projects and written extensively in the areas such as poverty, stress, environment, creativity, and well-being. During the course of his career, he has won some prestigious awards and has supervised research work of many doctoral students.



ISBN: 9788131788394

Communication and Nursing Education

Anurag Bhai Patidar

384 | © **2012**

ABOUT THE BOOK

Basic Approach

Based on the latest syllabus of the Indian Nursing Council, Communication and Nursing Education is written primarily for students pursuing B.Sc. in nursing. It covers a wide range of topics such as curriculum development, classroom management, teaching–learning process and evaluation methods for didactic and clinical settings. While there is an entire chapter devoted to the in-service education, issues like interpersonal relationships, human relationships and communication are also comprehensively discussed. The text is supplemented with the most up-to-date teaching and learning techniques a large number of examples and flow charts to facilitate an easy understanding of the key concepts.

CONTENTS

ABOUT THE AUTHOR(S)

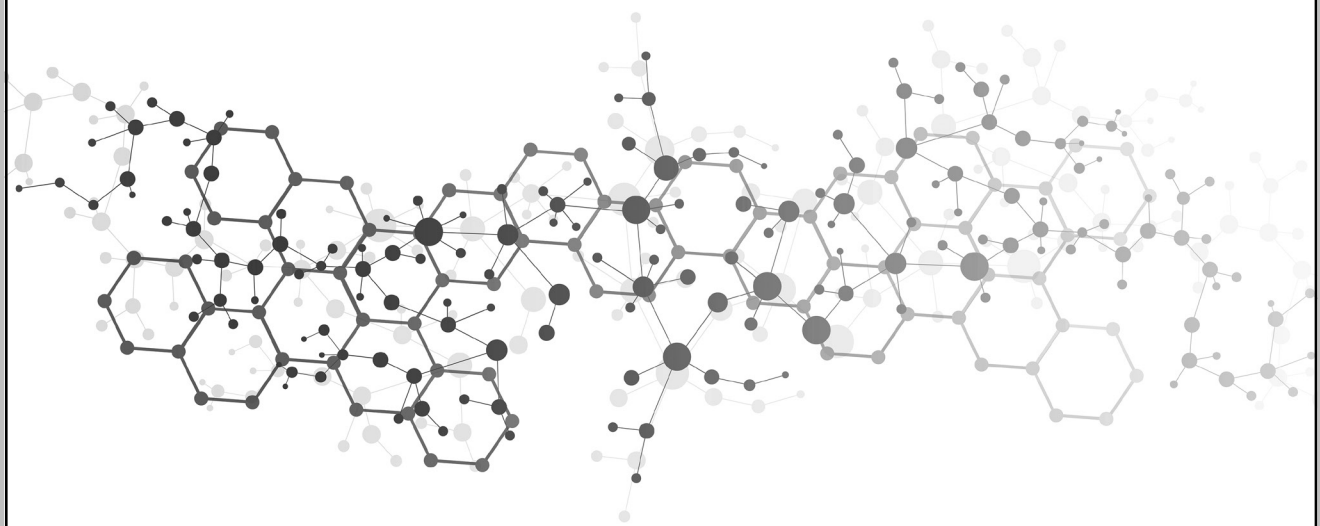
Mr. Anurag Bhai Patidar is an experienced Faculty of Nursing Sciences. Presently he is working as Lecturer with College of Nursing, Dayanand Medical College and Hospital, Ludhiana. He is top ranked M. Sc (N) from AIIMS, New Delhi and Ph. D in nursing scholar at INC consortium in collaboration with Rajiv Gandhi University of Health Sciences, Bangalore.

AUTHOR INDEX

ISBN	Author	Title	Price	Page
9789356063969	Alson / Han / Campbell	International Trauma Life Support, 9/e	1120	30
9789357052931	Amit Dumka / Ravi Dumka / Ankur Dumka	Computer Fundamentals for Nursing, Paramedical and Medical Students by Ankur	520	32
9788131788394	Anurag Bhai Patidar	Communication and Nursing Education	399	36
9789332587441	Bauman	Microbiology with Diseases by Body System, 4/e	1740	5
9789332587274	Bauman	Microbiology with Diseases by Taxonomy, 4/e	1505	6
9789353949273	Berman / Snyder / Frandsen	Kozier and Erb's -Fundamentals of Nursing, 11/e	2290	1
9788131769621	Bhatnagar	English for Nurses	370	4
9789332535190	Cappuccino / Sherman	Microbiology: A Laboratory Manual, 10/e	1210	8
9788131773345	Clement	Nursing Ethics: Concepts, Trends and Practices	500	11
9789357053273	Clement	Sociology for Nurses, 3/e	650	31
9789332586802	Colbert / Ankney / Lee	Anatomy, Physiology, and Disease: An Interactive Journey for Health Professions, 3/e	1075	12
9789357053259	Deepa Parvathi	Genetics for Nurses, 2/e	430	20
9789332525276	Deepa Parvathi / Sumitha / Smitha. S	Microbiology for Nurses	419	10
9789356066267	Felix Bast	Biostatistics and Mathematical Biology	620	28
9789353436520	George	Nursing Theories : The Base for Professional Nursing Practice, 6/e	1170	3
9789361597664	Hebda / Rose	Handbook of Informatics for Nurses & Healthcare Professionals, 7/e	769	33
9789356063983	Kenner / Lewis	Genetics and Genomics for Nursing	670	21
9789353940409	Klug / Cummings / Spencer / Palladino / Killian	Concepts of Genetics, 11/e	1560	23
9789353062026	LeMone / Burke / Bauldoff / Gubrud	Medical-Surgical Nursing: Clinical Reasoning in Patient Care, 6/e	2740	14

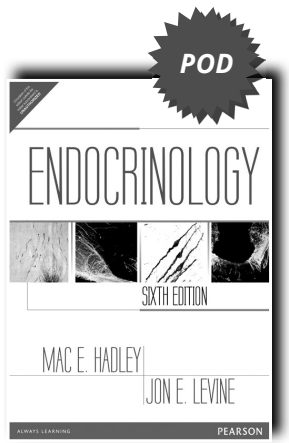
ISBN	Author	Title	Price	Page
9789332517295	McFadden	Introducing Pharmacology: For Nursing and Healthcare, 2/e	660	18
9788131732168	Morris / Maisto / Misra	Psychology for Nurses	319	35
9789353437770	Nieswiadomy	Foundations in Nursing Research, 6/e	610	26
9788131775707	Nursing Research Society of India	Nursing Research and Statistics	670	24
9789356062351	Perrin / MacLeod	Understanding the Essentials of Critical Care Nursing, 3/e	910	17
9789356065949	Polit	Statistics and Data Analysis for Nursing Research, 2/e	680	25
9789356065864	Tabloski	Gerontological Nursing, 4/e	1090	16
9789353436537	Triola / Triola	Biostatistics for the Biological and Health Sciences, 2/e	990	27
9789361596278	Turley	Understanding Pharmacology for Health Professionals, 6/e	800	19
9788131768563	Uma Bhardwaj / Bhardwaj	Biochemistry for Nurses	279	34

*All Prices are subject to change without notice



Pharmacy

CONTENTS



ISBN: 9788131726105

Endocrinology, 6/e

Mac E. Hadley | Jonathan Levine

608 | © 2009

Web Supplements

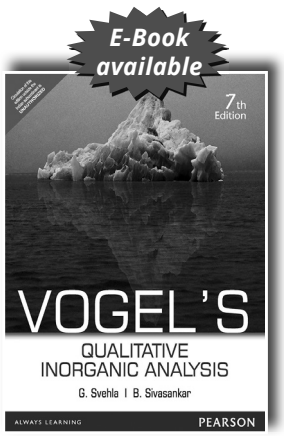
ABOUT THE BOOK

Appropriate for one-semester junior-graduate level courses in Endocrinology, Endocrine Physiology, as well as courses in medicine, dentistry, pharmacology, nutrition, nursing and other related medical or animal sciences where endocrinology is the focus. Hadley provides comprehensive coverage of endocrinology, centralizing on the critical roles of glands, hormones, receptors, and molecular signaling pathways in the control of physiological processes. This up-to-date Sixth Edition reviews the basic concepts, research methodologies, and the "state-of-the-art" scientific understanding of each of the major endocrine systems, in examples designed specifically for premedical and related professional courses.

FEATURES

- **Emphasizes that all aspects of hormone function—synthesis, secretion, delivery, action and disposal—are of great physiological significance.**
- **Special reference to the roles of chemical messengers in the control of homeostatic systems**—In the overall discussion of homeostasis.
- **Coverage of the most recent molecular, genetic, and physiological**—As well as the more classical methodologies.
- **Traces the evolution of hormone structure**—In relation to the comparative endocrinology of neurohypophysial hormones.

CONTENTS



ISBN: 9788131773710

Vogel's Qualitative Inorganic Analysis, 7/e

G. Svehla | **B. Sivasankar**

384 | © **2013**

ABOUT THE BOOK

Vogel's Qualitative Inorganic Analysis (in its seventh edition) follows the current trends and techniques in the field of analytical chemistry. Written for undergraduate and postgraduate students of chemistry, this revised and updated edition treats each concept and principle systematically to make the subject comprehensible to beginners as well as advanced learners.

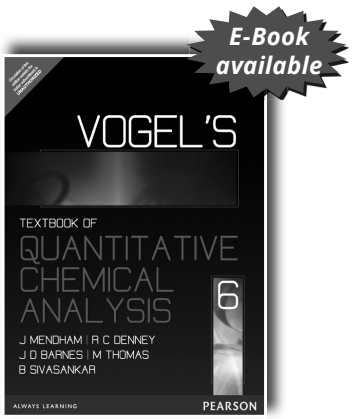
FEATURES

- Updated nomenclature
- Addition of tests for metals based on flame atomic emission and atomic absorption spectrometry
- New classification of mixtures of common and less common ions
- Marginalia highlighting important facts
- Elaborate discussions on preliminary tests, dissolution and fusion of samples
- Health and hazard warnings throughout the text
- Details on the preparation of reagents provided in the appendix

CONTENTS

ABOUT THE AUTHOR(S)

G. Svehla is a formerly professor from the department of chemistry, University College, York, Ireland.
B. Sivasankar is a visiting professor from the department of chemistry, Anna University, Chennai, Tamilnadu.



ISBN: 9788131723258

Vogel's Quantitative Chemical Analysis, 6/e

J. Mendham | David J. Barnes | R.C. Denney | M. J. K. Thomas

836 | © 2009

ABOUT THE BOOK

Dr. Vogel's classic introduction to analytical methods has provided generations of chemists worldwide with a basis for teaching, learning and applying analytical chemistry. This 60th anniversary edition - the first for a decade - reflects major changes in the subject. Analysts need to understand the concepts behind methods and ***Vogel's Quantitative Chemical Analysis*** provides clear introductions to all the key analytical methods including those involving advanced computerised equipment available in many analytical laboratories. The editors have built further on the work of Dr Vogel, modernising the approach while retaining the analytical concepts and ideas which were built into the original work. This new edition has been extensively revised to take into account developments in instrumental procedures and coupled techniques whilst maintaining the book's focus on quantitative chemical and problem-specific analyses. With excellent cross-referencing this book provides a wealth of examples and tables of data.

FEATURES

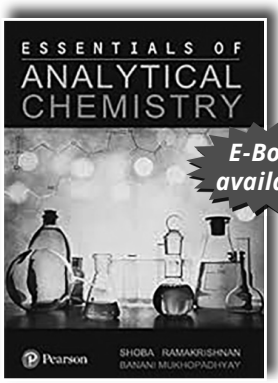
- Comprehensive coverage of methods with detailed easy-to-follow practical experiments.
- Basic analytical theory which is essential for understanding the subject.
- Greatly expanded sections on instrumental analysis including aspects of miniaturisation.
- Increased emphasis on minor/trace component analysis and revised statistical handling of data.
- New chapters on sampling, mass spectrometry and nuclear magnetic resonance.

CONTENTS

ABOUT THE AUTHOR(S)

R.C. Denney, Consultant Forensic Scientist
J. Mendham, Consultant Analytical Chemist
J. D. Barnes, University of Greenwich.
M.J.K. Thomas, University of Greenwich

Essentials of Analytical Chemistry



ISBN: 9789332545076

Shobha Ramakrishnan | **Banani Mukhopadhyay**

400 | © **2018**

ABOUT THE BOOK

The book elucidates the principles of analytical methods such as volumetric analysis, gravimetric analysis, statistical methods of analysis, electro-analytical, and thermoanalytical techniques. It also presents the basic principles and instrumentation of UV, IR, NMR, Mass and ESR spectral methods, accompanied by a discussion on the spectra of a number of molecules, intended to develop the skill of the reader and to interpret the spectra of common organic molecules. This text will benefit those preparing for competitive examinations such as NET, SLET, GATE, and the UPSC Civil Services exam.

FEATURES

- Includes up-to-date developments in the field
- Detailed illustration of AES, AAS, and Flame Photometry
- Numerous review questions, solved problems and end of chapter exercises:

CONTENTS

ABOUT THE AUTHOR(S)

Shoba Ramakrishnan was Former Professor and Head, Department of Chemistry, Women's Christian College, Chennai, Tamil Nadu.

Banani Mukhopadhyay is Assistant Professor, Department of Chemistry, Women's Christian College, Chennai, Tamil Nadu.

ISBN: 9789353439606

Pharmaceutics-I Practicals

K. Elango

208 | © 2021

ABOUT THE BOOK

This text is intended for the undergraduate students of B.Pharmacy for the practical course on Pharmaceutics-I as per the latest PCI syllabus. The book includes solid dosage forms, semisolid dosage forms and liquid dosage forms, including fundamental unit operations required for manufacturing of pharmaceutical products. Written in a simple and lucid fashion, the experiments are sequenced in a logical order. It also features basic theoretical notes correlating to the different formulations dealt, which gives a clear understanding of the subject to the reader.

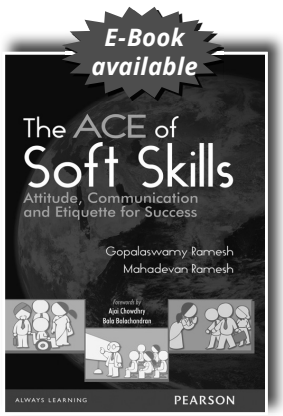
FEATURES

- Unambiguous classi cation of the various dosage forms
- Contains relevant prescriptions, formulae, procedures and labels for the individual preparations
- Stepwise approach to calculations for easy comprehension

CONTENTS

ABOUT THE AUTHOR

K. Elango is Retired Professor and Head, Department of Pharmaceutics, College of Pharmacy, Madras Medical College, Chennai. With a teaching experience spanning over 33 years, and an industrial experience of 3 years, he is an accomplished teacher at both undergraduate and postgraduate levels



ISBN: 9788131732854

The ACE of Soft Skills: Attitude, Communication and Etiquette for Success

Gopalaswamy Ramesh | Mahadevan Ramesh

472 | © **2010**

ABOUT THE BOOK

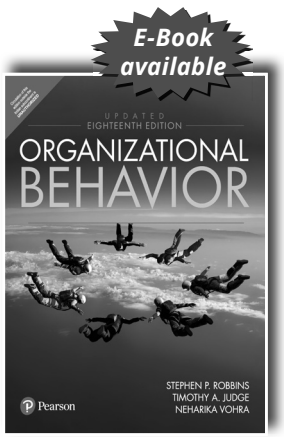
Our world is witnessing a major change in communication patterns, with expanding social spheres, openness in communication and professionals working in multicultural environments. It is crucial, therefore, that India's workforce remains world-class, through re-training and continuous improvement, to remain competent, competitive and successful. To create and nurture successful professionals, the acquisition, cultivation and fine-tuning of soft skills are highly essential in the given business paradigm. **The ACE of Soft Skills** is a part of this educational process that produces top-notch professionals. Divided into three parts "Attitude, Communication and Etiquette" this unique book provides a broad-based coverage of what constitute soft skills. The foundations of soft skills lie in a strong attitude; this attitude gets manifested as communication, which gets further refined as etiquette. This book covers a wide range of topics "a gamut of nearly 40 essential soft skills" including personal accountability, listening skills, business proposals, and the role of small talk and humour at work. The numerous case studies, cartoons, figures, tables and quotations not only offer an insightful, practical and well-rounded perspective into soft skills, but also make reading a joyful experience.

CONTENTS

ABOUT THE AUTHOR(S)

Professor ***Gopalaswamy Ramesh*** has 30 years of international experience and is an independent consultant and Adjunct Professor at the International Institute of Information Technology Bangalore (IIIT-B), SSN School of Management and Computer Applications, Chennai, and Amrita School of Business, Coimbatore. He has also taught at the Indian Institute of Management Bangalore; Anna University, Chennai; Great Lakes Institute of Management, Chennai, and XLRI

Jamshedpur. His vast industry experience covers both India and abroad. He played a key role in the establishment of Oracle India Development Center and was its former Senior Director. He is the author of the National Award "winning book *Managing Global Software Projects*, and has also authored *Software Testing Principles and Practices and Software Maintenance*. Two of these books have also been translated into Chinese. His most recent book is *The ACE of Soft Skills: Attitude, Communication and Etiquette for Success*. He currently offers consultancy services in the areas of project management and soft skills to several companies in India and abroad. He holds an MS in engineering management from Stanford University, California; MS in computer science from IIT Madras and BE from IISc Bangalore. **Mahadevan Ramesh** graduated from IIT Kanpur (five-year integrated MSc degree in Physics) and earned a PhD (Physics) from the Ohio State University, USA. Following a research stint in the electrical and computer engineering department in Carnegie Mellon University, Pittsburgh, he worked for Storage Technology Corporation (now a part of Sun Microsystems/Oracle), and for Maxtor Corporation (now a part of Seagate Technologies) at Colorado, USA. He held leadership positions in global product teams and spent considerable time on the factory floor in Singapore, working with stakeholders from many different cultures, and learnt first hand the importance of soft skills. He is currently an adjunct professor in the SSN School of Management and Computer Applications, and he also consults on management and engineering, specializing in production and operations management.



ISBN: 9789356064270

Organizational Behavior, Updated, 18/e

Stephen P. Robbins | Timothy A. Judge | Neharika Vohra

796 | © **2022**

ABOUT THE BOOK

The bestseller title Organizational Behavior 18e is now revised and updated. This updated 18th edition reflects the most recent research and business events within the field of organizational behavior, while maintaining its hallmark features – a clear writing style, cutting-edge content, and intuitive pedagogy. The text is lucid and makes current, relevant research come alive for readers. The book holds significance as a textbook for students of management and practicing professionals in organizations with engaging, cutting-edge material that aids to understand and connect with organizational behavior.

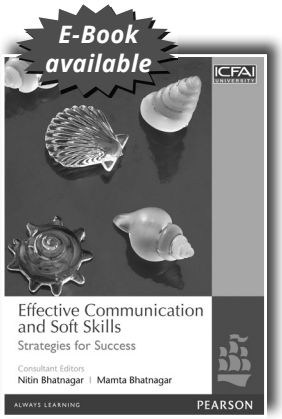
FEATURES

- Employability Skills Matrix to support the development of skills employers are looking for in today's business graduates.
- Updated - Opening-Chapter Vignettes bring current business trends and events to the forefront
- Career Objectives in every chapter provide advice, in a question-and-answer format to help students think through issues they may face in the workforce today.
- Updated - End-of-Chapter Experiential Activities, Ethical Dilemmas, and Cases.
- Real-world examples of organizational behavior
- Includes latest Indian case studies and research

CONTENTS

ABOUT THE AUTHOR(S)

Stephen P. Robbins, San Diego State University.
Timothy A. Judge; The Ohio State University.
Neharika Vohra; Indian Institute of Management Ahmedabad.



ISBN: 9788131760345

Effective Communication and Soft Skills

Nitin Bhatnagar | Mamta Bhatnagar

448 | © **2011**

ABOUT THE BOOK

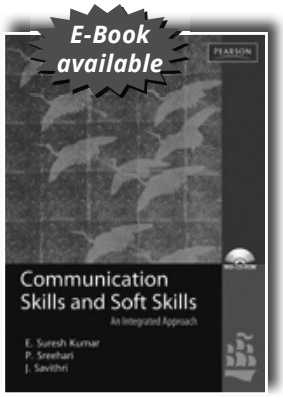
This book provides a clear understanding of the attributes of good communication vis-Ã -vis soft skills and hard skills. It guides you through each set of skills and provides practice and assessment modules to sharpen learning, while covering all the four tenets of language learning, listening, speaking, reading and writing. Covering all the topics essential for teachers and students of BCom, BBA and MBA and mass communications, as well as professionals in all industries, *Soft Skills and Communication Skills* is a complete manual to grooming yourself for inter-personal communication in the professional world.

FEATURES

- Situational case studies, illustrations and flow charts for clear grasp of concepts
- Model questions for practice and guidelines for answering difficult problems
- Highlights the linkages between soft skills and hard skills, illustrating the manner in which they can be utilized together in professional situations

CONTENTS

Communication Skills and Soft Skills : An Integrated Approach



ISBN: 9788131734537

E. Suresh Kumar | J. Savithri | P. Sreehari

208 | © **2010**

ABOUT THE BOOK

Communication *Skills and Soft Skills* is an invaluable guide to students of professional courses, job seekers and people of various professions seeking to improve their soft skills. The unique feature of the book is that it integrates training in essential soft skills with all the four language skills "listening, speaking, reading and writing" and all the four language components, pronunciation, vocabulary, grammar and spelling. With its perfect blend of theory and practice, this book effectively meets the requirements of the present-day job market and other interactive spheres of their lives.

FEATURES

- Training in essential soft skills
- Uniquely designed practical approach to improving communication skills
- Guidance for all four language skills, listening, speaking, reading and writing
- Practice modules for all four language components, pronunciation, grammar, vocabulary and spelling

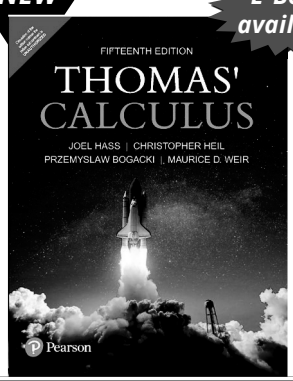
CONTENTS

ABOUT THE AUTHOR(S)

E. Suresh Kumar is Head, Department of English, University College of Engineering, Osmania University, Hyderabad.
P. Sreehari teaches English at Al-Jabal Al-Gharbi University, Zawia, Libya.
J. Savithri teaches English at the Department of English, Osmania University, Hyderabad.

NEW

E-Book available



ISBN: 9788119896608

Thomas' Calculus, 15/e

Maurice D. Weir | Joel Hass | Christopher Heil | Przemyslaw Bogacki

1220 | © **2024**

Web Supplements

ABOUT THE BOOK

Thomas' Calculus, goes beyond memorizing formulas and routine procedures to help students develop deeper understanding. It guides students to a level of mathematical proficiency and maturity needed for the course, with support for those who require it through its balance of clear and intuitive explanations, current applications and generalized concepts. The 15th Edition meets the needs of students with increasingly varied levels of readiness for the calculus sequence. This revision also adds exercises, revises figures and narrative for clarity, and updates many applications with modern topics.

FEATURES

- Many narrative clarifications and revisions have been made throughout the text.
- A new appendix on Determinants and Gradient Descent has been added, covering many topics relevant to students interested in Machine Learning and Neural Networks.
- Many updated graphics and figures have been enhanced to bring out clear visualization and mathematical correctness.
- Many exercise instructions have been clarified, such as suggesting where the use of a calculator may be needed.
- Notation of inverse trig functions has been changed throughout the text to favor arcsin notation over sin^{-1}, etc.

CONTENTS

EQ: Please update this section

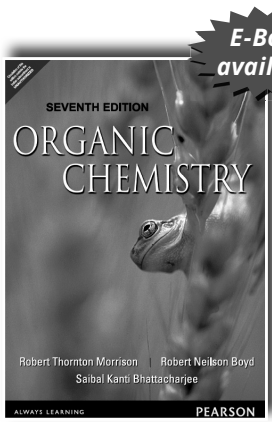
ABOUT THE AUTHOR(S)

George B. Thomas, Jr. (late) of the Massachusetts Institute of Technology, was a professor of mathematics for thirty-eight years; he served as the executive officer of the department for ten years and as graduate registration officer for five years. Thomas held a spot on the board of governors of the Mathematical Association of America and on the executive committee of the mathematics division of the American Society for Engineering Education.

Joel Hass received his PhD from the University of California Berkeley. He is currently a professor of mathematics at the University of California Davis. He has coauthored widely used calculus texts as well as calculus study guides. He is currently on the editorial board of several publications, including the Notices of the American Mathematical Society.

Christopher Heil received his PhD from the University of Maryland. He is currently a professor of mathematics at the Georgia Institute of Technology.

Maurice D. Weir (late) of the the Naval Postgraduate School in Monterey, California was Professor Emeritus as a member of the Department of Applied Mathematics. He held a DA and MS from Carnegie-Mellon University and received his BS at Whitman College.



ISBN: 9788131704813

Organic Chemistry, 7/e

Robert Thornton Morrison | Robert Neilson Boyd | Saibal Kanti Bhattacharjee

1508 | © 2010

Web Supplements

ABOUT THE BOOK

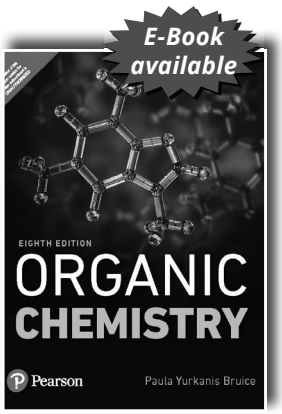
As in the earlier editions, the book conveys the important fundamentals and principles of the subject in a simple and easily understandable manner.

CONTENTS

ABOUT THE AUTHOR(S)

Robert Thornton Morrison, New York University
Robert Neilson Boyd, New York University
Saibal Kanti Bhattacharjee, Gauhati University

Organic Chemistry, 8/e



Paula Yurkanis Bruice

1368 | © **2020**

ISBN: 9789353948450

Web Supplements

ABOUT THE BOOK

Paula bruice's presentation in organic chemistry, eighth edition provides mixed-science majors with the conceptual foundations, chemical logic, and problem-solving skills they need to reason their way to solutions for diverse problems in synthetic organic chemistry, biochemistry, and medicine. The eighth edition builds a strong framework for thinking about organic chemistry by unifying principles of reactivity that students will apply throughout the course, discouraging memorization. With more applications than any other textbook, dr. Bruice consistently relates structure and reactivity to what occurs in our own cells and reinforces the fundamental reason for all chemical reactions–electrophiles react with nucleophiles. New streamlined coverage of substitution and elimination, updated problem-solving strategies, synthesis skill-building applications and tutorials guide students throughout fundamental and complex content in both the first and second semesters of the course.

FEATURES

The textbook bridges The gap between organic chemistry and biochemistry. Because bioorganic chemistry is The bridge between organic chemistry and biochemistry, The text emphasizes that The organic reactions that chemists carry out in The laboratory are similar to those performed by nature inside a cell. These connections are especially important to biological science majors. -Revised, accuracy-checked text provides increased exam relevancy. -Improved visuals and organization engage students with difficult subject matter, organizes The chapter content and improves ease of use. -Strengthened emphasis on The strategies needed to solve problems and master The content. -New and restructured features give students additional conceptual and skill building support. -Organizing What We Know about The reactions of organic Compounds Table. -Content Updates and Revisions to The Table of Contents streamline and improve clarity in The presentation.

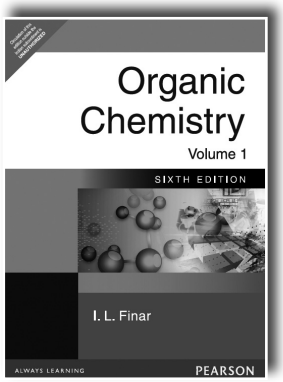
CONTENTS

PART SEVEN: Bioorganic Compounds
20. The Organic Chemistry Of Carbohydrates
21. Amino Acids, Peptides, and Proteins
22. Catalysis in Organic Reactions and in Enzymatic Reactions
23. The Organic Chemistry of the Coenzymes, Compounds Derived from Vitamins
24. The Organic Chemistry of the Metabolic Pathways
25. The Organic Chemistry of Lipids
26. The Chemistry of the Nucleic Acids
PART EIGHT: Special Topics in Organic Chemistry
27. Synthetic Polymers
28. Pericyclic Reactions Appendices

ABOUT THE AUTHOR(S)

Paula Yurkanis Bruice is from the University Of California, Santa Barbara. Bruice earned her Ph.D. in chemistry from the University of Virginia. She then received an NIH postdoctoral fellowship for study in the Department of Biochemistry at the University of Virginia Medical School and held a postdoctoral appointment in the Department of Pharmacology at the Yale School of Medicine. Paula has been a member of the faculty at the University of California, Santa Barbara since 1972, where she has received the Associated Students Teacher of the Year Award, the Academic Senate Distinguished Teaching Award, two Mortar Board Professor of the Year Awards, and the UCSB Alumni Association Teaching Award. Her research interests center on the mechanism and catalysis of organic reactions, particularly those of biological significance

Organic Chemistry, Volume 1, 6/e



ISBN: 9788177585421

I. L. Finar

966 | © **2005**

ABOUT THE BOOK

In the sixth edition of Dr. Finar's best-selling student text, a great deal of material has been rewritten and many new topics have been added. The arrangement of the subject matter is based on homologous series and SI units have been used throughout the text.

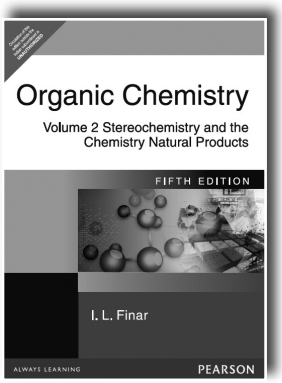
CONTENTS

1. Determination of Structure
2. Properties of Molecules
3. Alkanes
4. Alkenes and Alkynes
5. Halogen derivatives of the alkanes
6. Monohydric alcohols
7. Ethers
8. Aldehydes and ketones
9. Saturated monocarboxylic acids and their derivatives
10. Polycarbonyl compounds
11. Polyhydric alcohols
12. Unsaturated alcohols, ethers, carbonyl compounds and acids
13. Nitrogen compounds
14. Aliphatic compounds of sulphur, phosphorus, silicon and boron
15. Organometallic compounds
16. Saturated dicarboxylic acids
17. Hydroxyacids, stereochemistry, unsaturated dicarboxylic acids
18. Carbohydrates
19. Alicyclic compounds
20. Monocyclic aromatic hydrocarbons
21. Aromatic halogen compounds
22. Aromatic nitro-compounds
23. Aromatic amino-compounds
24. Diazonium salts and their related compounds
25. Aromatic sulphonic acids
26. Phemols and quinones
27. Aromatic alcohols, aldehydes and ketones
28. Aromatic acids
29. Polynuclear hydrocarbons and their derivatives
30. Heterocyclic compounds
31. Dyes and photochemistry

ABOUT THE AUTHOR

The late **Dr. Finar** was Principal Lecturer in Organic Chemistry at the Polytechnic of North London.

Organic Chemistry, Volume 2: Stereochemistry and the Chemistry Natural Products, 5/e



ISBN: 9788177585414

I. L. Finar

956 | © **2005**

ABOUT THE BOOK

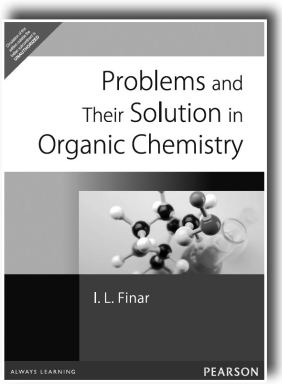
Organic Chemistry is a well-established two-volume textbook for students studying chemistry at degree level. Volume 2 carries the material of Volume 1: Fundamental Principles to a more advanced level. The author provides a comprehensive introduction to the relationship between physical properties and chemical structures, and then proceeds to a detailed account of stereochemistry. The later chapters are devoted to the most typical compounds of natural products and the problems involved. A selected number of reading references are given at the end of each chapter.

CONTENTS

ABOUT THE AUTHOR

The late **Dr. Finar** was Principal Lecturer in Organic Chemistry at the Polytechnic of North London.

Problems and Their Solution in Organic Chemistry



ISBN: 9788131700938

I. L. Finar

360 | © **2006**

ABOUT THE BOOK

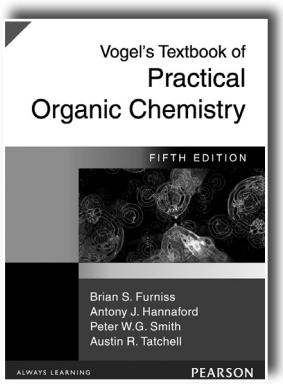
The first part of this book collects together the questions set out at end of each chapter in the authors Textbook of Organic Chemistry, Volume 1 (sixth edition). The second part of this book gives the possible solutions, which are linked with an explanation of the sort of reasoning used in order to arrive at one of the answers. In many cases, several answers are given for one question; and in each set of questions, there is at least one which involves the completion of equations. The result is a book which can be used independently of the main volume. This book helps in acquiring a better understanding of the basic principles of organic chemistry and in revising a large amount of the subject matter quickly.

CONTENTS

1. Determination of Structure
2. Properties of Molecules
3. Alkanes
4. Alkenes and Alkynes
5. Halogen derivatives of the alkanes
6. Monohydric alcohols
7. Ethers
8. Aldehydes and ketones
9. Saturated monocarboxylic acids and their derivatives
10. Polycarbonyl compounds
11. Polyhydric alcohols
12. Unsaturated alcohols, ethers, carbonyl compounds and acids
13. Nitrogen compounds
14. Aliphatic compounds of sulphur, phosphorus, silicon and boron
15. Organometallic compounds
16. Saturated dicarboxylic acids
17. Hydroxyacids, stereochemistry, unsaturated dicarboxylic acids
18. Carbohydrates
19. Alicyclic compounds
20. Monocyclic aromatic hydrocarbons
21. Aromatic halogen compounds
22. Aromatic nitro-compounds
23. Aromatic amino-compounds
24. Diazonium salts and their related compounds
25. Aromatic sulphonic acids
26. Phemols and quinones
27. Aromatic alcohols, aldehydes and ketones
28. Aromatic acids
29. Polynuclear hydrocarbons and their derivatives
30. Heterocyclic compounds
31. Dyes and photochemistry

ABOUT THE AUTHOR(S)

The late **Dr. Finar** was Principal Lecturer in Organic Chemistry at the Polytechnic of North London.



ISBN: 9788177589573

Vogel's Textbook of Practical Organic Chemistry, 5/e

Brian S. Furniss | Antony J. Hannaford | Peter W.G. Smith | Austin R. Tatchell

1544 | © 2006

ABOUT THE BOOK

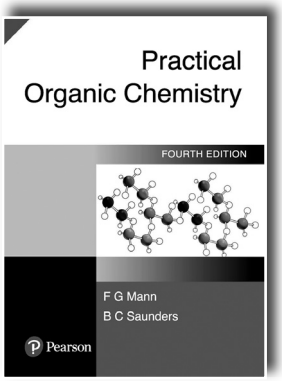
Still recognized as the definitive text on practical topics related to organic chemistry, this text is relied upon by undergraduates, postgraduate students, and professional organic chemists. Topics covered include the structural and theoretical principles required when designing a synthesis; the disconnection or synthon approach; the principles of retrosynthetic analysis applied to relevant aliphatic, aromatic, alicyclic and heterocyclic compounds; and developments in reaction techniques.

FEATURES

- An introductory chapter on the structural and theoretical principles required when designing a synthesis.
- The disconnection on synthon approach now integrated into the text , and the principles of retrosynthetic analysis applied to relevant aliphatic, aromatic, alicyclic and heterocyclic compounds.
- Synthesis methodology is expanded to cover a range of new reagents, including oxidants and reductants; reagents for asymmetric synthesis; and those derived from lithium, boron, silicon, phosphorous and suphur.
- Recent developments in reaction techniques which include: handling of air-sensitive and moisture-sensitive compounds; new chromatographic procedures; phase transfer catalysis; and solid support reagents.
- Over 100 new experiments selected from the literature to illustrate new reagents and techniques, and the operation of protection, selectivity and control in synthesis.
- A more detailed treatment of carbon-13 n.m.r. spectroscopy, and the interpretation of spectroscopic data for many of synthesized compounds.

CONTENTS

1. Organic Synthesis.
2. Experimental Techniques.
3. Spectroscopic Methods and the Interpretation of Spectra.
4. Solvents and Reagents.
5. Aliphatic Compounds.
6. Aromatic Compounds.
7. Selected Alicyclic Compounds.
8. Selected Heterocyclic Compounds.
9. Investigation and Characterization of Organic Compounds.
10. Physical Constants of Organic Compounds.



ISBN: 9788131727102

Practical Organic Chemistry

F.G. Mann | B.C. Saunders

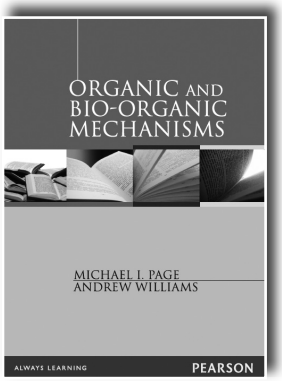
600 | © 2009

ABOUT THE BOOK

This book has proved useful for research as well as for teaching purpose The fourth edition of this book was distinguished from its predecessors by a greater emphasis on semi-micro methods and modern techniques and reactions. While updating the book in several important aspects, namely, chromatography, reaction mechanism, and safety and first-aid measures.

CONTENTS

Part I: Methods and Manipulation
Part II: Preparations
Part III: Reactions and Identification of Organic Compounds
Part IV: Quantitative Analysis
Part V: Simple Enzyme Reactions



ISBN: 9788131729496

Organic and Bio-Organic Mechanisms

Michael I. Page | Andrew Williams

312 | © 2009

ABOUT THE BOOK

This text provides a comprehensive and detailed discussion of the investigation of organic and bioorganic reaction mechanisms. It addresses questions such as: 'How are bonds between atoms rearranged?', 'What sort of structural changes take place to cause bond fission and formation?' and 'How do catalysts lower the activation energies of reactions?'

FEATURES

- Techniques for diagnosis of mechanism not previously compiled from research literature.
- An important bridge between fundamental studies and mechanisms in solution.
- Key references from classic papers to the latest research literature.

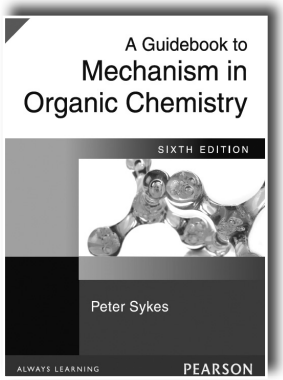
CONTENTS

1. The Transition State
2. Kinetics and Mechanism
3. The Effect of Changes in Reactant Structure
4. Kinetic and Equilibrium Isotope Effects
5. Transition States from External Effects
6. Transition State Structures - Anomalies
7. Bioorganic Group Transfer Reactions
8. Catalysis
9. Complexation Catalysis
10. Some Enzyme Systems

ABOUT THE AUTHOR(S)

Michael I. Page, Huddersfield University
Andrew Williams, University of Kent at Canterbury

A Guidebook to Mechanism in Organic Chemistry, 6/e



ISBN: 9788177584332

Peter Sykes

428 | © **2005**

ABOUT THE BOOK

This classic textbook on mechanistic organic chemistry, characterized by its clarity, careful choice of examples, and its general approach designed to lead to a greater understanding of the subject matter. The book is aimed clearly at the needs of the student, with a thorough understanding of, and provision for, the potential conceptual difficulties he or she is likely to encounter. The book's success in achieving these goals is reflected in the opinion of one reviewer who says, "Sykes remains the bible of mechanistic organic chemistry for thousands of undergraduates, and there is certainly no English language publication of which I am aware which comes even close to challenging it in terms of clarity and coverage."

FEATURES

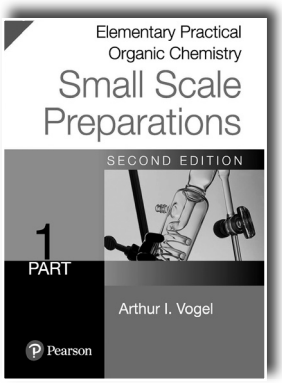
- New – topics introduced in this edition : ipso aromatic substitution; the mechanistic borderline in nucleophilic substitution; more use of activation parameters; Dimorth's ET parameter; Hammett's Ã³x and spectroscopic data; and 13C n.m.r. in biogenesis.
- New – thoroughly revised text with improved explanations, more examples and increased clarity.

CONTENTS

1. Structure, Reactivity, and Mechanism.
2. Energetics, Kinetics, and the Investigation of Mechanism.
3. The Strengths of Acids and Bases.
4. Nucleophilic Substitution at a Saturated Carbon Atom.
5. Carbocations, Electron-deficient N and O Atoms and Their Reactions.
6. Electrophilic and Nucleophilic Substitution in Aromatic Systems.
7. Electrophilic and Nucleophilic Addition to C=C.
8. Nucleophilic Addition to C=O.
9. Elimination Reactions.
10. Carbanions and Their Reactions.
11. Radicals and Their Reactions.
12. Symmetry Controlled Reactions.
13. Linear Free Energy Relationships.

ABOUT THE AUTHOR

Peter Sykes, Christ's College, Cambridge



ISBN: 9788131756867

Elementary Practical Organic Chemistry: Small Scale Preparations Part 1, 2/e

Arthur I. Vogel

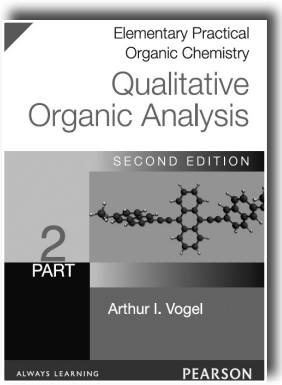
456 | © **2010**

FEATURES

- Experimental Techniques
- Mechanism of all reactions described
- Introduction of a number of reactions and experimental procedures of general interest

CONTENTS

1. Theory of General Technique
2. Experimental Technique
3. Aliphatic Compounds
4. Aromatic Compounds
5. Miscellaneous Compounds and Miscellaneous Reactions



ISBN: 9788131756874

Elementary Practical Organic Chemistry: Qualitative Organic Analysis Part 2, 2/e

Arthur I. Vogel

448 | © **2010**

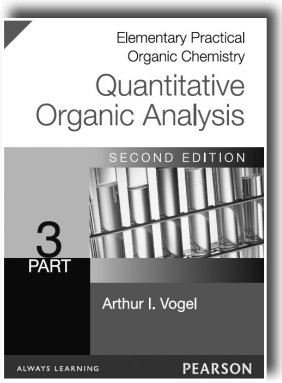
ABOUT THE BOOK

A dedicated chapter on "The use of spectroscopic methods in qualitative organic analysis" which includes the essentials from a practical viewpoint of ultraviolet and visible spectroscopy and infrared spectroscopy and mass spectroscopy. These spectroscopy techniques are now-days of such great importance that no book on qualitative organic analysis can be regarded complete without their inclusion.

CONTENTS

1. Determination of physical constants
2. Qualitative analysis for the elements
3. The solubility classes
4. Reactions and characterization of selected classes of organic compounds
5. Class reactions
6. The preparation of derivatives
7. Qualitative analysis of mixtures of organic compounds
8. The use of spectroscopic methods in qualitative organic analysis
9. Physical constants of organic compounds

Elementary Practical Organic Chemistry: Quantitative Organic Analysis Part 3, 2/e



ISBN: 9788131756881

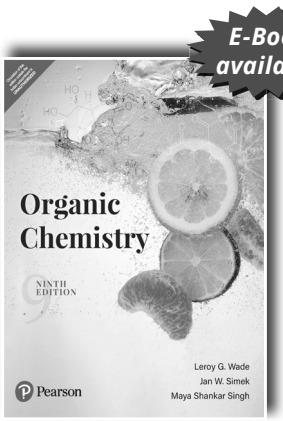
Arthur I. Vogel

382 | © **2010**

FEATURES
- Numerous Experiments
- Coverage of quantitative organic analysis through the medium of functional groups

CONTENTS
1. Determination of selected elements in organic compounds
2. General discussion of titrations in non-aqueous solvents
3. Hydroxyl groups (Alcohols)
4. Adjacent hydroxyl groups
5. Hydroxyl groups (Phenols)
6. Amino groups
7. Salts of amines
8. Amino acids
9. Carboxyl groups
10. Salts of carboxylic acids
11. Anhydrides of carboxylic acids
12. Esters of carboxylic acids
13. Aldehydes and ketones
14. Carbohydrates (Sugars)
15. Nitro, Nitrsos and azo groups
16. Unsaturation
17. Alkoxyl groups
18. C-Methyl, O-acetyl and N-acetyl groups
19. Active Hydrogen
20. Enols
21. Imides
22. Sulphonamides, Thiols, Sulphides and disulphides
23. Determination using ION exchange resins
24. Some application of the karl fischer reagent
25. Alpha-epoxy groups
26. Miscellaneous determinations

Organic Chemistry, 9/e



ISBN: 9789389342673

Leroy G. Wade, Jr. | **Jan William Simek** | **Maya Shankar Singh**

1578 | © **2020**

ABOUT THE BOOK
Organic Chemistry, Ninth Edition gives students a contemporary overview of organic principles and the tools for organizing and understanding reaction mechanisms and synthetic organic chemistry with unparalleled and highly refined pedagogy. This text presents key principles of organic chemistry in the context of fundamental reasoning and problem solving. Authored to complement how students use a textbook today, new Problem Solving Strategies, Partially Solved Problems, Visual Reaction Guides and Reaction Starbursts encourage students to use the text before class as a primary introduction to organic chemistry as well as a comprehensive study tool for working problems and/or preparing for exams.

FEATURES
- New chapters on Phenols and Quinones and Asymmetric Synthesis.
- Green Chemistry is emphasized with presentation of less-toxic, and environmentally friendly reagents.
- Enriched and updated treatment of Acid/Base Chemistry, Study of Chemical Reactions, Steriochemistry, Alkyl Halides, Alkenes, Dienes, Alkynes, Thiols, Aromatic Compounds, Amines, and Polymers.

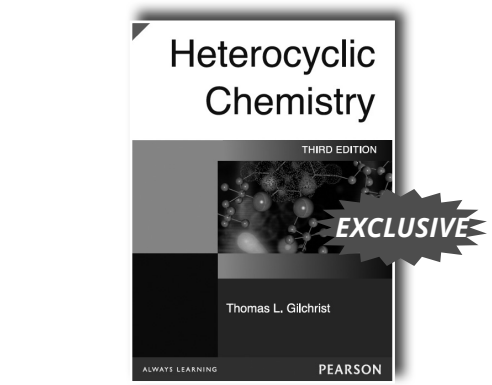
- Over 100 new problems include more synthesis problems and problems based on recent literature.
- Over 80 Mechanism boxes help students understand how specific reactions occur by zooming in on each individual step in detail.
- Updated art throughout to provide consistency and clarity in the text, giving detailed representations of molecular and orbital art.

CONTENTS

ABOUT THE AUTHOR(S)

Leroy G. Wade, Whitman College
Jan W. Simek, Cal Poly State University
Maya Shankar Singh Department of Chemistry, Institute of Science, Banaras Hindu University

Heterocyclic Chemistry, 3/e



ISBN: 9788131707937

Thomas L. Gilchrist

432 | © **2006**

ABOUT THE BOOK

This popular text has been completely revised to reflect recent advances in the subject. Deals with the properties of ring systems and general methods of synthesis, providing a unique overview of the subject area. Includes a guide to the naming of the ring systems, invaluable to those unfamiliar with the area.

FEATURES

- Includes recent examples of organometallic reagents which are increasingly used in the synthesis and reactions of heterocyclic compounds.
- New reaction schemes illustrating the use of heterocycles as synthetic intermediates.

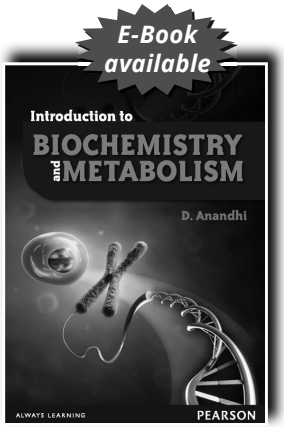
CONTENTS

1. Introduction
2. Aromatic Heterocycles
3. Nonaromatic Heterocycles
4. Methods of Ring Synthesis
5. Six-membered Rings
6. Five-membered Rings with One Heteroatom
7. Six-membered Rings with Two or More Heteroatoms
8. Five-membered Rings with Two or More Heteroatoms
9. Three and Four Membered Rings
10. Seven and Larger Membered Ring Compounds
11. Nomenclature

ABOUT THE AUTHOR(S)

Gary L. Miessler, St. Olaf College
Donald A. Tarr, St. Olaf College

BIOCHEMISTRY



ISBN: 9788131774854

Introduction to Biochemistry and Metabolism

D. Anandhi

416 | © **2014**

ABOUT THE BOOK

Designed as per the UGC curriculum, Introduction to Biochemistry and Metabolism meets the syllabus requirements of all universities offering a course on biochemistry and metabolism.

The subject, a core paper for the students of botany, zoology, biotechnology and bioinformatics, is dealt with in detail across 13 chapters with emphasis on the metabolism of amino acids, carbohydrates, lipids and high energy compounds. Replete with illustrations and schematic representations, the book reinforces theoretical concepts with its concise, easy-to- follow approach making it an ideal textbook on the subject.

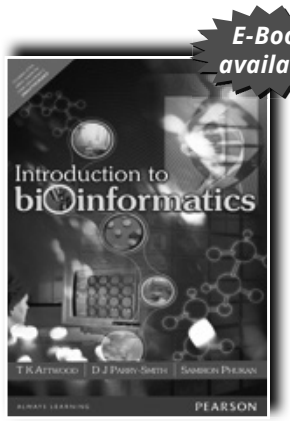
FEATURES

- Comprehensive coverage of free radicals, antioxidation and proteins.
- Focus on enzymes, fatty acids and their metabolic activities.
- Elucidation of the detoxification mechanism.
- Disseminates information on diseases caused due to enzyme deficiencies.
- 150 illustrations and schematics to help readers understand how biochemical reactions and metabolic pathways work
- Includes laboratory techniques for qualitative and quantitative lipid analysis and estimation of proteins in food samples.

CONTENTS

ABOUT THE AUTHOR

D Anandhi is from the department of biochemistry, D G Vaishnav College, Chennai.



ISBN: 9788177586411

Introduction to Bioinformatics

Teresa Attwood | David J. Parry-Smith | Dr Samiron Phukan

920 | © 2007

ABOUT THE BOOK

Bioinformatics, the application of computers in the biological sciences, especially analysis of biological sequence data, is becoming an essential tool in molecular biology as genome projects generate vast quantities of data. With new sequences being added to DNA databases on an average of once a minute, there is a pressing need to convert this information into biochemical and biophysical knowledge by deciphering the structural, functional and evolutionary clues encoded in the language of biological sequences.

FEATURES

- Unique guide to bioinformatics linked to an interactive practical on the World Wide Web
- Introduces key databases, tools and resources, and outlines pitfalls of methods
- The Web link integrates conventional and Web-based publishing, allowing interactive exploration of concepts discussed in the book
- Includes numerous Further Reading suggestions, Web references and a useful Glossary

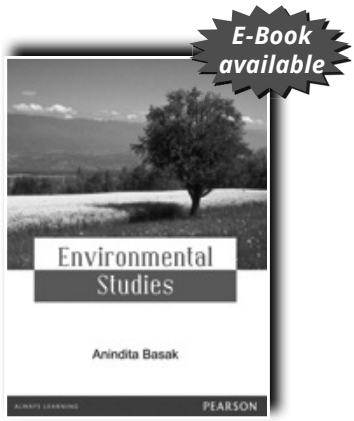
CONTENTS

ABOUT THE AUTHOR(S)

Dr Teresa K. Attwood is a Royal Society University Research fellow and Senior Lecturer in the School of Biological Sciences, University of Manchester, UK, Visiting Fellow at the European Bioinformatics Institute, and author and curator of the PRINTS protein fingerprint database.

Dr David J. Parry-Smith is Informatics Director at Cambridge Drug Discovery Limited, Cambridge, UK, and works mainly with algorithm development.

Dr Samiron Phukan is Senior Scientist, SDMD Drug Discovery at Jubilant Biosys Limited, Bangalore, India.



ISBN: 9788131721186

Environmental Studies

Anindita Basak

920 | © 2009

Web Supplements

ABOUT THE BOOK

This book covers the course requirements for **Environmental Studies** for undergraduate students of all disciplines. It aims to educate the readers about nature, ecosystems, natural resources, biodiversity, pollution, and the current challenges faced by environmentalists. It integrates the social impact associated with environmental issues through national and international case studies.

FEATURES

- This book completely follows the UGC model curriculum.
- Discusses current topics in the global environment scenario such as ecological footprint, carbon trading, and emission trading
- Equipped with a complete list of ISO standards for environment management systems
- Entire unit devoted to field work with more than 10 experiments for quantitative evaluation of ecosystems
- Has more than 30 case studies to illustrate environmental issues
- An updated list of international conventions and protocols
- Comprehensive glossary for quick recapitulation of technical terms
- Updated statistical information on air quality standards, permissible exhaust limit, and so on.

CONTENTS

ABOUT THE AUTHOR(S)

Dr. Anindita Basak is presently Reader in Chemistry at Sushilavati Government Women's College, Rourkela. She was also deputed as a visiting scientist at National Institute of Technology, Rourkela from 2004 to 2006. She has published 16 papers in journals of national and international repute. She has extensive research experience in different fields of chemistry, polymer science, and environmental science.

ISBN: 9788131709122

Environmental Studies

D. L. Manjunath

920 | © 2007

ABOUT THE BOOK

Environmental Studies, focuses in clear and simple language, on the basic scientific content necessary to understand environmental issues. It details the latest developments in the field and reflects several major shifts in environmental science education this century. Designed as a foundational text for environmental science courses and spread over eleven chapters, the book includes various aspects of ecology such as ecosystems, environmental impacts, and current environmental issues.

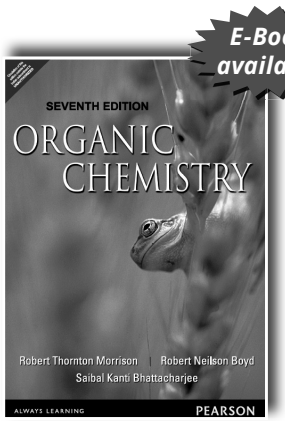
FEATURES

- Pedagogical treatment of the subject to help students grasp fundamentals
- A strong focus on statistical data that illustrates the deterioration of our surroundings, with emphasis on environmental abuse
- Images that portray the current degeneration of our environment

CONTENTS

ABOUT THE AUTHOR(S)

D. L. Manjunath, Head, Department of Civil Engineering, Malnad College of Engineering, Hassan



ISBN: 9788131704813

Organic Chemistry, 7/e

Robert Thornton Morrison | Robert Neilson Boyd | Saibal Kanti Bhattacharjee

1508 | © 2010

Web Supplements

ABOUT THE BOOK

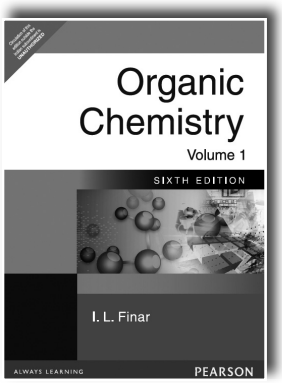
As in the earlier editions, the book conveys the important fundamentals and principles of the subject in a simple and easily understandable manner.

CONTENTS

ABOUT THE AUTHOR(S)

Robert Thornton Morrison, New York University
Robert Neilson Boyd, New York University
Saibal Kanti Bhattacharjee, Gauhati University

Organic Chemistry, Volume 1, 6/e



I. L. Finar

966 | © **2005**

ISBN: 9788177585421

ABOUT THE BOOK

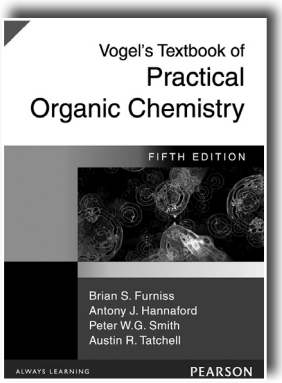
In the sixth edition of Dr. Finar's best-selling student text, a great deal of material has been rewritten and many new topics have been added. The arrangement of the subject matter is based on homologous series and SI units have been used throughout the text.

CONTENTS

ABOUT THE AUTHOR

The late **Dr. Finar** was Principal Lecturer in Organic Chemistry at the Polytechnic of North London.

Vogel's Textbook of Practical Organic Chemistry, 5/e



ISBN: 9788177589573

Brian S. Furniss | Antony J. Hannaford | Peter W.G. Smith | Austin R. Tatchell

1544 | © 2006

ABOUT THE BOOK

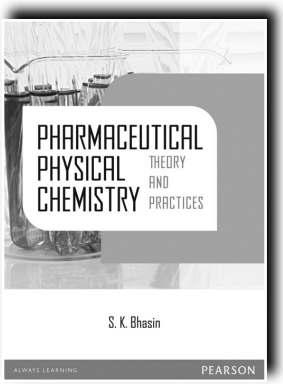
Still recognized as the definitive text on practical topics related to organic chemistry, this text is relied upon by undergraduates, postgraduate students, and professional organic chemists. Topics covered include the structural and theoretical principles required when designing a synthesis; the disconnection or synthon approach; the principles of retrosynthetic analysis applied to relevant aliphatic, aromatic, alicyclic and heterocyclic compounds; and developments in reaction techniques.

FEATURES

- An introductory chapter on the structural and theoretical principles required when designing a synthesis.
- The disconnection on synthon approach now integrated into the text , and the principles of retrosynthetic analysis applied to relevant aliphatic, aromatic, alicyclic and heterocyclic compounds.
- Synthesis methodology is expanded to cover a range of new reagents, including oxidants and reductants; reagents for asymmetric synthesis; and those derived from lithium, boron, silicon, phosphorous and suphur.
- Recent developments in reaction techniques which include: handling of air-sensitive and moisture-sensitive compounds; new chromatographic procedures; phase transfer catalysis; and solid support reagents.
- Over 100 new experiments selected from the literature to illustrate new reagents and techniques, and the operation of protection, selectivity and control in synthesis.
- A more detailed treatment of carbon-13 n.m.r. spectroscopy, and the interpretation of spectroscopic data for many of synthesized compounds.

CONTENTS

Pharmaceutical Physical Chemistry : Theory and Practices



ISBN: 9788131765272

Dr S K Bhasin

920 | © **2012**

ABOUT THE BOOK

Physical Chemistry is a compulsory paper offered to all the students of Pharmacy. There is a dearth of good books that exclusively cover the syllabi of physical chemistry offered to pharmacy courses. Pharmaceutical Physical Chemistry has been designed considering their requirements laid down by AICTE and other premier institutes/universities. Apart from the theory 20 most common laboratory experiments have been included to make this book a unique offering to the students of pharmacy.

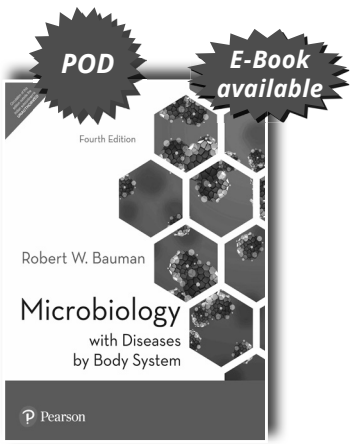
FEATURES

- 20 Most common laboratory experiments
- 350 Review questions
- 125 Solved problems
- 280 MCQs
- 152 Line Diagrams
- 35 Tables

CONTENTS

ABOUT THE AUTHOR

Dr S K Bhasin is the Director and Professor of Chemistry at Himalayan Group of Professional institute, Kala Amb, Ambala, Haryana. He has been teaching undergraduate and postgraduate students for more than 40 years.



ISBN: 9789332587441

Microbiology with Diseases by Body System, 4/e

Robert W. Bauman

944 | © **2017**

ABOUT THE BOOK

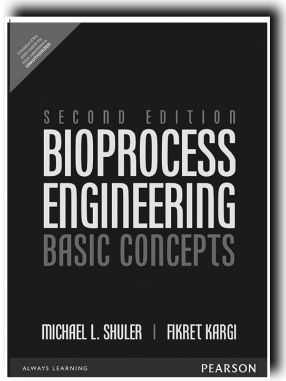
Designed for pre-nursing and allied health students (and also mixed-majors courses), ***Microbiology with Diseases by Body System, Third Edition*** retains the hallmark art program and clear writing style that have made Robert Bauman's book a success. This Third Edition features compelling clinical content related to students' future healthcare careers and abundant opportunities for applied student practice. Chapter-opening Clinical Cases, Emerging Diseases boxes, and Clinical Applications boxes introduce students to real-world clinical situations. Student comprehension is ensured with end-of-chapter practice that encompasses applied, visual, and conceptual understanding.

CONTENTS

ABOUT THE AUTHOR

Robert W. Bauman, Amarillo College

Bioprocess Engineering: Basic Concepts, 2/e



ISBN: 9789332549371

Michael L. Shuler

984 | © **2015**

ABOUT THE BOOK

This is the definitive, up-to-the-minute guide to systems management for every IT professional responsible for maintaining stable, responsive IT production environments. Top IT system management expert Rich Schiesser illuminates both the theoretical and practical aspects of systems management, using methods and examples drawn from decades of professional experience in roles ranging from data center leadership to infrastructure design. Schiesser covers every systems management discipline, every type of IT environment, and all elements of success: technology, processes, and people. This edition adds detailed new coverage of the popular IT Infastructure Library, showing how ITIL's 10 processes align with the 12 processes Schiesser presents. Another new chapter addresses key issues related to ethics, legislation, and outsourcing. Additional new coverage ranges from managing wireless networks, VoIP, and &quotultra-speed" Internet to strategic security and new approaches to facilities management

FEATURES

- NEW - Concepts of validation and Good Manufacturing Practice (GMP) are introduced.
  - Helps students to better understand regulatory constraints on bioprocess development.
- NEW - Updated coverage of concepts.
  - Shows students the connection between traditional ideas and emerging areas, such as tissue engineering and gene therapy.
- NEW - Material on functional genomics and cellular engineering.
  - Provides students with new developments in biology as they impact bioprocess engineering.
- NEW - Expanded discussion of modeling approach.
  - Presents students with a clarified section on models in continuous cultures and adds cybernetic modeling.
- NEW - Expanded coverage of chromatography.
  - Introduces students to discussions of IMAC (immobilized metal affinity chromatography), use of fusion proteins, and porous supports.
- NEW - Expanded sections on metabolic engineering, animal cell culture, and protein processing.
  - Offers students information on analysis of metabolic pathways, bioreactor considerations for animal cells, and includes some recent examples.
- NEW - Additional examples and homework problems, e.g., on topics such as enzyme reaction; reactor operation and scale-up; purification; waste treatment; and genetically engineered cells.
  - Enables students to more thoroughly test their understanding of applied concepts.
- NEW - Reorganized coverage.
  - Gives students a more logical presentation of genetic instability, strategies for genetic engineering, and then an approach to selection of host expression system for production of a heterologous protein.
- Emphasis on novel bioprocessing technologies.
  - Provides students with discussions on metabolic pathways and regulation, bioreactors, and separation processes.
- Coverage on production of proteins from recombinant DNA technology.
  - Allows students to critically compare and evaluate the various techniques involved.
- Applications–To special systems and the particular characteristics of mixed cultures; genetically engineered cells; and plant and animal cells.

- Reinforces the previously covered engineering and biological concepts while providing more detailed information about important new biological systems.
- Chapter-end suggested readings.
  - Encourages students to obtain a more in-depth understanding of key biological

CONTENTS

14. Utilizing Genetically Engineered Organisms.
Introduction. How the Product Influences Process Decisions. Guidelines for Choosing Host-Vector Systems. Process Constraints: Genetic Instability. Considerations in Plasmid Design to Avoid Process Problems. Predicting HostÐVector Interactions and Genetic Instability. Regulatory Constraints on Genetic Processes. Metabolic Engineering. Protein Engineering. Summary. Suggestions for Further Reading. Problems.
15. Medical Applications of Bioprocess Engineering.
Introduction. Tissue Engineering. Gene Therapy Using Viral Vectors. Bioreactors. Summary. Suggestions for Further Reading. Problems.
16. Mixed Cultures.
Introduction. Major Classes of Interactions in Mixed Cultures. Simple Models Describing Mixed-culture Interactions. Mixed Cultures in Nature. Industrial Utilization of Mixed Cultures. Biological Waste Treatment: An Example of the Industrial Utilization of Mixed Cultures. Summary. Suggestions for Further Reading. Problems.
17. Epilogue.

Appendix: Traditional Industrial Bioprocesses.

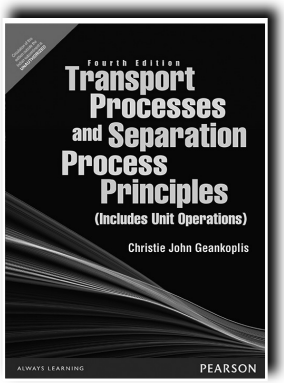
Anaerobic Bioprocesses. Aerobic Processes.

Suggestions for Further Reading.

ABOUT THE AUTHOR(S)

DR. MICHAEL L. SHULER is Professor in the School of Chemical Engineering, Cornell University. His areas of research include structured models, heterologous protein expression systems, cell culture analogs for pharmacokinetic models, in-vitro toxicology, plant-cell tissue culture, microbial functional genomics, and bioremediation.
DR. FIKRET KARGI is Professor of Environmental Engineering at Dokuz Eylul University in Ismir, Turkey. His current research includes bioprocessing of wastes for production of commercial products, development of novel technologies for biological treatment of problematic wastewaters, nutrient removal, and novel biofilm reactor development.

Transport Processes and Separation Process Principles (Includes Unit Operations)



ISBN: 9789332549432

Christie John Geankoplis

984 | © **2015**

ABOUT THE BOOK

Appropriate for one-year transport phenomena (also called transport processes) and separation processes course. First semester covers fluid mechanics, heat and mass transfer second semester covers separation process principles (includes unit operations).

The title of this Fourth Edition has been changed from Transport Processes and Unit Operations to Transport Processes and Separation Process Principles (Includes Unit Operations). This was done because the term Unit Operations has been largely superseded by the term Separation Processes which better reflects the present modern nomenclature being used. The main objectives and the format of the Fourth Edition remain the same. The sections on momentum transfer have been greatly expanded, especially in the sections on fluidized beds, flow meters, mixing, and non-Newtonian fluids. Material has been added to the chapter on mass transfer. The chapters on absorption, distillation, and liquid-liquid extraction have also been enlarged. More new material has been added to the sections on ion exchange and crystallization. The chapter on membrane separation processes has been greatly expanded especially for gas-membrane theory.

FEATURES

- The comprehensive, unified, up-to-date guide to transport and separation processes.
- A more thorough coverage of momentum, heat, and mass transport processes and new coverage of separation process applications.
- Greatly expanded coverage of momentum transfer, including fluidized beds and non-Newtonian fluids.
- More detailed discussions of mass transfer, absorption, distillation, liquid-liquid extraction, and crystallization.

CONTENTS

Appendices.

Appendix A.1. Fundamental Constants and Conversion Factors.

Appendix A.2. Physical Properties of Water.

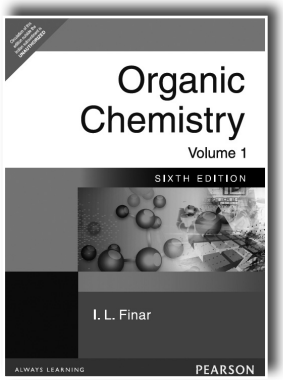
Appendix A.3. Physical Properties of Inorganic and Organic Compounds.

Appendix A.4. Physical Properties of Foods and Biological Materials.

Appendix A.5. Properties of Pipes, Tubes, and Screens.

ABOUT THE AUTHOR(S)

CHRISTIE JOHN GEANKOPLIS is a Professor of Chemical Engineering and Materials Science at the University of Minnesota. His current research interests involve transport processes, biochemical reactor engineering, mass transfer in liquid solutions, and diffusion and/or reaction in porous solids. He holds a Ph.D. in Chemical Engineering from the University of Pennsylvania.



ISBN: 9788177585421

Organic Chemistry, Volume 1, 6/e

I. L. Finar

966 | © **2005**

ABOUT THE BOOK

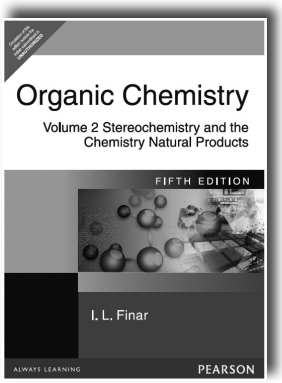
In the sixth edition of Dr. Finar's best-selling student text, a great deal of material has been rewritten and many new topics have been added. The arrangement of the subject matter is based on homologous series and SI units have been used throughout the text.

CONTENTS

ABOUT THE AUTHOR

The late **Dr. Finar** was Principal Lecturer in Organic Chemistry at the Polytechnic of North London.

Organic Chemistry, Volume 2: Stereochemistry and the Chemistry Natural Products, 5/e



ISBN: 9788177585414

I. L. Finar

956 | © **2005**

ABOUT THE BOOK

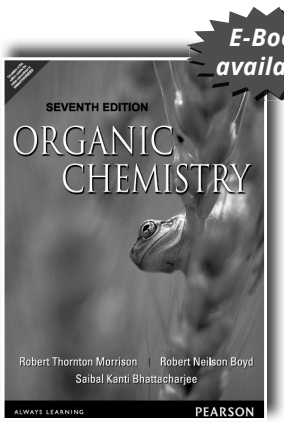
Organic Chemistry is a well-established two-volume textbook for students studying chemistry at degree level. Volume 2 carries the material of Volume 1: Fundamental Principles to a more advanced level. The author provides a comprehensive introduction to the relationship between physical properties and chemical structures, and then proceeds to a detailed account of stereochemistry. The later chapters are devoted to the most typical compounds of natural products and the problems involved. A selected number of reading references are given at the end of each chapter.

CONTENTS

ABOUT THE AUTHOR

The late **Dr. Finar** was Principal Lecturer in Organic Chemistry at the Polytechnic of North London.

Organic Chemistry, 7/e



ISBN: 9788131704813

Robert Thornton Morrison | **Robert Neilson Boyd** | **Saibal Kanti Bhattacharjee**

1508 | © **2010**

Web Supplements

ABOUT THE BOOK

As in the earlier editions, the book conveys the important fundamentals and principles of the subject in a simple and easily understandable manner.

CONTENTS

Part 2: Chemistry of Functional Groups Alkenes

11. Alkynes
12. Alkyl Halides Nucleophilic Substitutions, SN Reactions
13. Aryl Halides Nucleophilic Aromatic Substitution (SNAr Reactions)
14. Alcohols and Ethers
15. Phenols
16. Aldehydes and Ketones Nucleophilic Addition
17. Carboxylic Acids
18. Functional Derivatives of Carboxylic Acids Nucleophilic Acyl Substitution
19. Amines

Part 3: Special Topics

20. Heterocyclic Compounds
21. Purification and Identification of Organic Compounds: Spectroscopic Analysis of Organic Compounds
22. Organic Synthesis
23. Oxidation and Reduction Electroorganic Synthesis
24. Molecular Orbitals; Orbital Symmetry (Pericyclic Reactions)
25. Organic Photochemistry
26. Synthetic Organic Compounds of Commercial Importance: Synthetic Dyes and Macromolecules
27. Symphoria (Anchimeric Assistance) Neighboring Group Effects. Catalysis by Transition Metal Complexes
28. Introduction to Supramolecular Chemistry Host–Guest Chemistry

Part 4: (Biomolecules and Bioorganic Chemistry)

29. Lipids Fats, Steroids, Terpenes, and Prostaglandins
30. Carbohydrates I: Monosaccharides. Carbohydrates II: Disaccharides and Polysaccharides
31. Alkaloids
32. Amino Acids and Proteins Molecular Biology
33. Enzymes, Co-Enzymes and Vitamins
34. Nucleic Acids Nucleotides, Polynucleotides and Nucleosides
35. Drugs Chemotherapeutic and Pharmacodynamic Agents

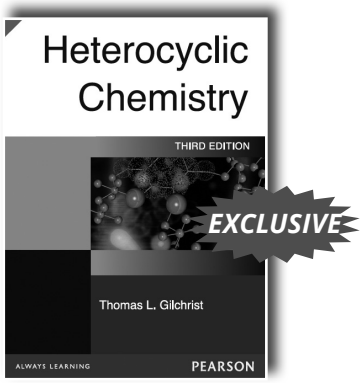
Part 5: Contemporary and Future Organic Chemistry

36. Nanoparticles (Size-Dependent Chemistry)
37. Future Devices and Challenges of Chemistry of this Century Molecular Machines or Nanomachines

ABOUT THE AUTHOR(S)

Robert Thornton Morrison, New York University
Robert Neilson Boyd, New York University
Saibal Kanti Bhattacharjee, Gauhati University

Heterocyclic Chemistry, 3/e



ISBN: 9788131707937

Thomas L. Gilchrist

432 | © **2006**

ABOUT THE BOOK

This popular text has been completely revised to reflect recent advances in the subject. Deals with the properties of ring systems and general methods of synthesis, providing a unique overview of the subject area. Includes a guide to the naming of the ring systems, invaluable to those unfamiliar with the area.

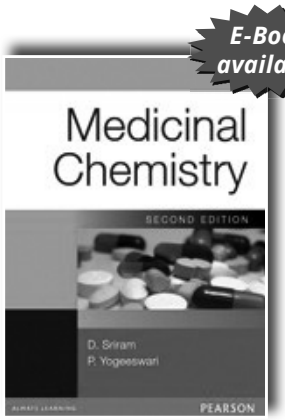
FEATURES

- Includes recent examples of organometallic reagents which are increasingly used in the synthesis and reactions of heterocyclic compounds.
- New reaction schemes illustrating the use of heterocycles as synthetic intermediates.

CONTENTS

ABOUT THE AUTHOR(S)

Gary L. Miessler, St. Olaf College
Donald A. Tarr, St. Olaf College



ISBN: 9788131731444

Medicinal Chemistry 2/e

Sriram | **Yogeeswari**

712 | © **2010**

Web Supplements

ABOUT THE BOOK

The second edition of Medicinal Chemistry is based on the core module of Pharmacy syllabi of various technical universities, and targets undergraduate B.Pharma students across India.

The current edition has been designed by authors based on the opinion of the experts to include the latest developments in the field of medicinal chemistry, detailed synthesis mechanism of the drugs and their mode of action inside the body.

FEATURES

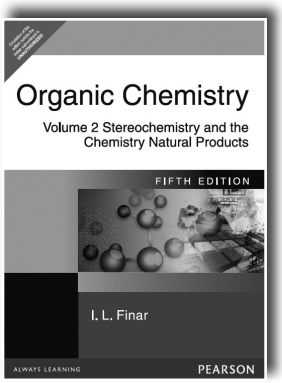
- Complex reactions broken down into intermediary steps
- A variety of exercises to test the cognitive level of students
- New pedagogical features:
  - Learning objectives
  - Further Reading guidelines
  - Coloured illustrations
  - Data tables
- New chapters on drug design and development, principles of drug action, CADD and a chapter on miscellaneous drugs

CONTENTS

ABOUT THE AUTHOR(S)

D. Sriram is presently Senior Professor at Pharmacy Group, Birla Instiute of Technology and Science-Pilani, Hyderabad Campus. He received his Ph.D. in 2000 from Banaras Hindu University, Varanasi.

P. Yogeeswari is presently Senior Professor at Pharmacy Group, Birla Instiute of Technology and Science-Pilani, Hyderabad Campus. She received her Ph.D. degree in 2001 from Banaras Hindu University, Varanasi.



ISBN: 9788177585414

Organic Chemistry, Volume 2: Stereochemistry and the Chemistry Natural Products, 5/e

I. L. Finar

956 | © **2005**

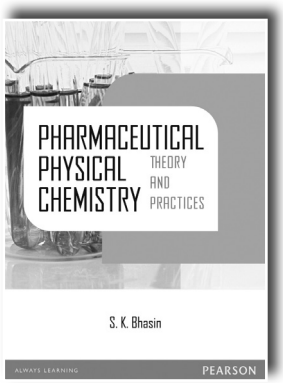
ABOUT THE BOOK

Organic Chemistry is a well-established two-volume textbook for students studying chemistry at degree level. Volume 2 carries the material of Volume 1: Fundamental Principles to a more advanced level. The author provides a comprehensive introduction to the relationship between physical properties and chemical structures, and then proceeds to a detailed account of stereochemistry. The later chapters are devoted to the most typical compounds of natural products and the problems involved. A selected number of reading references are given at the end of each chapter.

CONTENTS

ABOUT THE AUTHOR

The late **Dr. Finar** was Principal Lecturer in Organic Chemistry at the Polytechnic of North London.



ISBN: 9788131765272

Pharmaceutical Physical Chemistry : Theory and Practices

Dr S K Bhasin

956 | © **2012**

ABOUT THE BOOK

Physical Chemistry is a compulsory paper offered to all the students of Pharmacy. There is a dearth of good books that exclusively cover the syllabi of physical chemistry offered to pharmacy courses. Pharmaceutical Physical Chemistry has been designed considering their requirements laid down by AICTE and other premier institutes/universities. Apart from the theory 20 most common laboratory experiments have been included to make this book a unique offering to the students of pharmacy.

FEATURES

- 20 Most common laboratory experiments
- 350 Review questions
- 125 Solved problems
- 280 MCQs
- 152 Line Diagrams
- 35 Tables

CONTENTS

ABOUT THE AUTHOR

Dr S K Bhasin is the Director and Professor of Chemistry at Himalayan Group of Professional institute, Kala Amb, Ambala, Haryana. He has been teaching undergraduate and postgraduate students for more than 40 years.

ISBN: 9789332517295

Introducing Pharmacology: For Nursing and Healthcare, 2/e

Roger McFadden

368 | © **2014**

ABOUT THE BOOK

This new edition of Introducing Pharmacology remains an accessible and relevant introduction for nursing and healthcare students who are new to pharmacology, as well anyone looking to refresh their knowledge of the subject.

Focused and engaging, the text balances accessibility with depth. Coverage of anatomy and physiology as well as pathophysiology helps to relate the subject to practical realities and makes this text stand out.

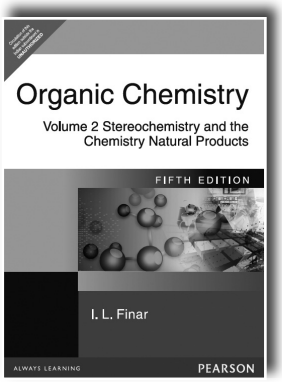
FEATURES

- Extend coverage of the pharmacopoeia with a completely new chapter on anti-cancer drugs.
- New sections, including general anaesthetics, hay-fever and prescribing for special groups such as children, pregnant women and the elderly.
- Fully updated with the Recommended International Non-proprietary Names (rINN) for drugs as used in the British National Formulary.
- Inclusion of a new glossary of key terms and definitions.

CONTENTS

ABOUT THE AUTHOR

Roger McFadden is Senior Lecturer in Applied Physiology at Birmingham City University



ISBN: 9788177585414

Organic Chemistry, Volume 2: Stereochemistry and the Chemistry Natural Products, 5/e

I. L. Finar

956 | © **2005**

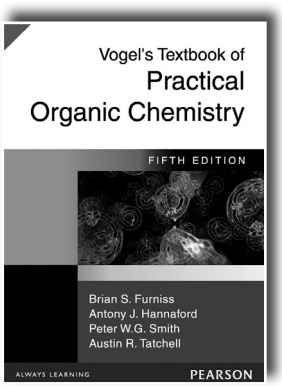
ABOUT THE BOOK

Organic Chemistry is a well-established two-volume textbook for students studying chemistry at degree level. Volume 2 carries the material of Volume 1: Fundamental Principles to a more advanced level. The author provides a comprehensive introduction to the relationship between physical properties and chemical structures, and then proceeds to a detailed account of stereochemistry. The later chapters are devoted to the most typical compounds of natural products and the problems involved. A selected number of reading references are given at the end of each chapter.

CONTENTS

ABOUT THE AUTHOR

The late **Dr. Finar** was Principal Lecturer in Organic Chemistry at the Polytechnic of North London.



ISBN: 9788177589573

Vogel's Textbook of Practical Organic Chemistry, 5/e

Brian S. Furniss | **Antony J. Hannaford** | **Peter W.G. Smith** | **Austin R. Tatchell**

1544 | © **2006**

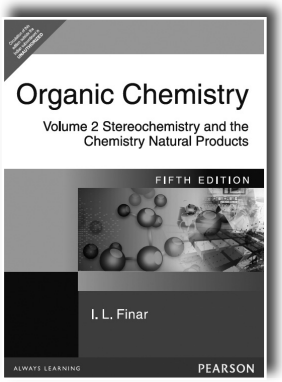
ABOUT THE BOOK

Still recognized as the definitive text on practical topics related to organic chemistry, this text is relied upon by undergraduates, postgraduate students, and professional organic chemists. Topics covered include the structural and theoretical principles required when designing a synthesis; the disconnection or synthon approach; the principles of retrosynthetic analysis applied to relevant aliphatic, aromatic, alicyclic and heterocyclic compounds; and developments in reaction techniques.

FEATURES

- An introductory chapter on the structural and theoretical principles required when designing a synthesis.
- The disconnection on synthon approach now integrated into the text , and the principles of retrosynthetic analysis applied to relevant aliphatic, aromatic, alicyclic and heterocyclic compounds.
- Synthesis methodology is expanded to cover a range of new reagents, including oxidants and reductants; reagents for asymmetric synthesis; and those derived from lithium, boron, silicon, phosphorous and suphur.
- Recent developments in reaction techniques which include: handling of air-sensitive and moisture-sensitive compounds; new chromatographic procedures; phase transfer catalysis; and solid support reagents.
- Over 100 new experiments selected from the literature to illustrate new reagents and techniques, and the operation of protection, selectivity and control in synthesis.
- A more detailed treatment of carbon-13 n.m.r. spectroscopy, and the interpretation of spectroscopic data for many of synthesized compounds.

CONTENTS



ISBN: 9788177585414

Organic Chemistry, Volume 2: Stereochemistry and the Chemistry Natural Products, 5/e

I. L. Finar

956 | © **2005**

ABOUT THE BOOK

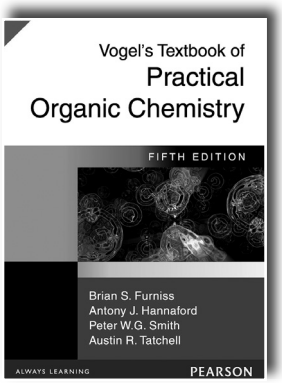
Organic Chemistry is a well-established two-volume textbook for students studying chemistry at degree level. Volume 2 carries the material of Volume 1: Fundamental Principles to a more advanced level. The author provides a comprehensive introduction to the relationship between physical properties and chemical structures, and then proceeds to a detailed account of stereochemistry. The later chapters are devoted to the most typical compounds of natural products and the problems involved. A selected number of reading references are given at the end of each chapter.

CONTENTS

ABOUT THE AUTHOR

The late **Dr. Finar** was Principal Lecturer in Organic Chemistry at the Polytechnic of North London.

Vogel's Textbook of Practical Organic Chemistry, 5/e



ISBN: 9788177589573

Brian S. Furniss | Antony J. Hannaford | Peter W.G. Smith | Austin R. Tatchell

1544 | © 2006

ABOUT THE BOOK

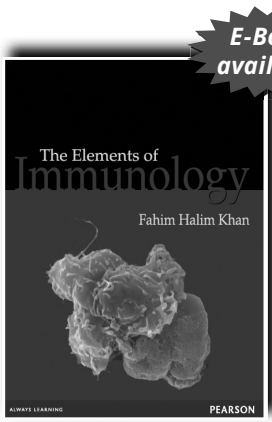
Still recognized as the definitive text on practical topics related to organic chemistry, this text is relied upon by undergraduates, postgraduate students, and professional organic chemists. Topics covered include the structural and theoretical principles required when designing a synthesis; the disconnection or synthon approach; the principles of retrosynthetic analysis applied to relevant aliphatic, aromatic, alicyclic and heterocyclic compounds; and developments in reaction techniques.

FEATURES

- An introductory chapter on the structural and theoretical principles required when designing a synthesis.
- The disconnection on synthon approach now integrated into the text , and the principles of retrosynthetic analysis applied to relevant aliphatic, aromatic, alicyclic and heterocyclic compounds.
- Synthesis methodology is expanded to cover a range of new reagents, including oxidants and reductants; reagents for asymmetric synthesis; and those derived from lithium, boron, silicon, phosphorous and suphur.
- Recent developments in reaction techniques which include: handling of air-sensitive and moisture-sensitive compounds; new chromatographic procedures; phase transfer catalysis; and solid support reagents.
- Over 100 new experiments selected from the literature to illustrate new reagents and techniques, and the operation of protection, selectivity and control in synthesis.
- A more detailed treatment of carbon-13 n.m.r. spectroscopy, and the interpretation of spectroscopic data for many of synthesized compounds.

CONTENTS

The Elements of Immunology



ISBN: 9788131711583

Fahim Halim Khan

508 | © **2009**

Web Supplements

ABOUT THE BOOK

The Elements of Immunology is designed to introduce readers to the exciting world of immunology, the people who populate it and foster a curiosity to question and know more. The book is supported by a consistent, colourful art programme. The detailed explanation of concepts and terms, and the deconstruction of complex molecular mechanisms into simple, easy-to-remember steps help students focus on the fundamentals without any distractions. Packed with extensive Web-based supplements, the book enables students to visualize concepts, thereby enriching the learning process. The book, comprising twenty chapters, has numerous pedagogical elements built into it. Margin snippets present interesting and relevant information without breaking the flow of the text. Margin definitions highlight the key terms for easy identification and recollection. Each chapter talks about a relevant molecular biology technique, thus providing an insight into the practical aspect of immunology as well. A glossary at the end of the book lists out the important terms used.

FEATURES

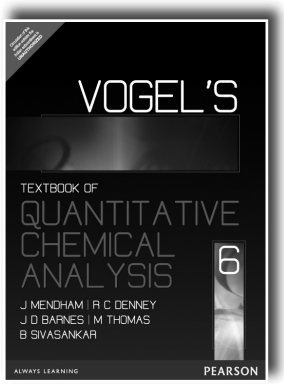
- Simple and lucid language explaining core concepts
- Rich pedagogy that facilitates learning
- Colourful and consistent art programme comprising over 300 four-colour illustrations that helps to visualize and comprehend concepts better
- 400 end-of-chapter questions help revise the key concepts
- Discussion of the latest developments in the area of immunology such as MHC haplotype matching for cell transplantation, latest antiretroviral drugs developed against HIV, etc.
- Description of key contributors, researchers and their landmark experiments
- Packed with supplements and media resources
  - Over 30 animations that depict key concepts in three dimensions
  - A question bank containing over 400 questions and clinical case studies along with lecture slides including artwork from the book, as supplements to the text, specifically for the instructors

CONTENTS

ABOUT THE AUTHOR

Fahim Halim Khan is an assistant professor of biochemistry at the Aligarh Muslim University.

Vogel's Quantitative Chemical Analysis, 6/e



ISBN: 9788131723258

J. Mendham | **David J. Barnes** | **R.C. Denney** | **M. J. K. Thomas**

836 | © **2009**

ABOUT THE BOOK

Dr. Vogel's classic introduction to analytical methods has provided generations of chemists worldwide with a basis for teaching, learning and applying analytical chemistry. This 60th anniversary edition - the first for a decade - reflects major changes in the subject. Analysts need to understand the concepts behind methods and ***Vogel's Quantitative Chemical Analysis*** provides clear introductions to all the key analytical methods including those involving advanced computerised equipment available in many analytical laboratories. The editors have built further on the work of Dr Vogel, modernising the approach while retaining the analytical concepts and ideas which were built into the original work. This new edition has been extensively revised to take into account developments in instrumental procedures and coupled techniques whilst maintaining the book's focus on quantitative chemical and problem-specific analyses. With excellent cross-referencing this book provides a wealth of examples and tables of data.

FEATURES

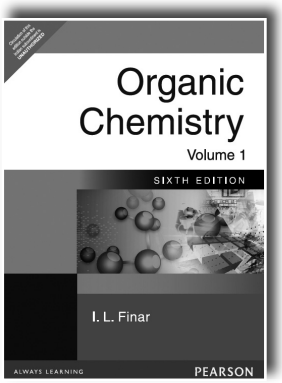
- Comprehensive coverage of methods with detailed easy-to-follow practical experiments.
- Basic analytical theory which is essential for understanding the subject.
- Greatly expanded sections on instrumental analysis including aspects of miniaturisation.
- Increased emphasis on minor/trace component analysis and revised statistical handling of data.
- New chapters on sampling, mass spectrometry and nuclear magnetic resonance.

CONTENTS

ABOUT THE AUTHOR(S)

J. Mendham, Consultant Analytical Chemist
R.C. Denney, Consultant Forensic Scientist
J. D. Barnes, University of Greenwich
M.J.K. Thomas, University of Greenwich

Organic Chemistry, Volume 1, 6/e



I. L. Finar

966 | © **2005**

ISBN: 9788177585421

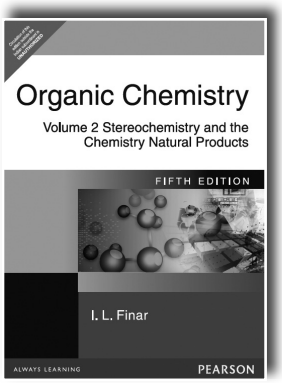
ABOUT THE BOOK

In the sixth edition of Dr. Finar's best-selling student text, a great deal of material has been rewritten and many new topics have been added. The arrangement of the subject matter is based on homologous series and SI units have been used throughout the text.

CONTENTS

ABOUT THE AUTHOR

The late **Dr. Finar** was Principal Lecturer in Organic Chemistry at the Polytechnic of North London.



ISBN: 9788177585414

Organic Chemistry, Volume 2: Stereochemistry and the Chemistry Natural Products, 5/e

I. L. Finar

956 | © **2005**

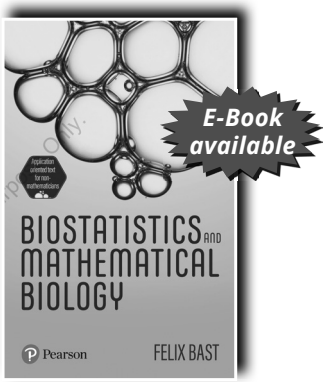
ABOUT THE BOOK

Organic Chemistry is a well-established two-volume textbook for students studying chemistry at degree level. Volume 2 carries the material of Volume 1: Fundamental Principles to a more advanced level. The author provides a comprehensive introduction to the relationship between physical properties and chemical structures, and then proceeds to a detailed account of stereochemistry. The later chapters are devoted to the most typical compounds of natural products and the problems involved. A selected number of reading references are given at the end of each chapter.

CONTENTS

ABOUT THE AUTHOR

The late **Dr. Finar** was Principal Lecturer in Organic Chemistry at the Polytechnic of North London.



ISBN: 9789356066267

Biostatistics and Mathematical Biology

Felix Bast

372 | © 2023

ABOUT THE BOOK

A comprehensive textbook of biostatistics targeted at non-mathematicians at an advanced bachelor level and above.

The book sequentially covers basic mathematics topics essential for biologists, such as scientific methodology, levels of measurement, and explores more advanced concepts, including Bayes Theorem and Non-linear regression, thereby complying with the biostatistics syllabus of various universities as well as competitive examinations. This application oriented book focuses on the decision-making process during statistical tests and graphing, which test/graph to use, how much would be the minimum sample size, how to interpret the results, and so on. Authored by Prof. Felix Bast, whose course in UGC SWAYAM, "Biostatistics and Mathematical Biology" had been ranked the 7th best MOOC worldwide in 2020".

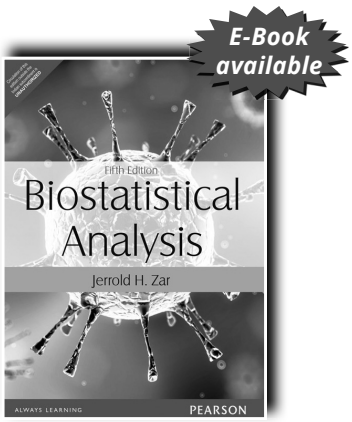
FEATURES

- Concise yet comprehensive textbook on the fundamental concepts of statistics.
- Focused on choosing the correct statistical test and interpreting the results.
- Non-mathematical approach; suitable for biologists and medical students.
- Clear-cut recommendations for various statistical tests and their variations.

CONTENTS

ABOUT THE AUTHOR

Prof. Felix Bast is an award-winning Indian Science Communicator and a public educator working currently as a full Professor at Central University of Punjab, India. He is an expert panelist of Paris-based International Science Council, an elected fellow of Linnean Society of London, and a member of IUCN, Geneva. He holds Ph.D. in Marine Biology from MEXT, Japan (alumnus of Monbukagakusho:MEXT Japanese Govt. international doctoral fellowship), and served as expedition scientist in Indian Antarctic Mission.



ISBN: 9789332536678

Biostatistical Analysis, 5/e

Jerrold H. Zar

760 | © **2014**

ABOUT THE BOOK

Zar's ***Biostatistical Analysis, Fifth Edition***, is the ideal textbook for graduate and undergraduate students seeking practical coverage of statistical analysis methods used by researchers to collect, summarize, analyze and draw conclusions from biological research. The latest edition of this best-selling textbook is both comprehensive and easy to read. It is suitable as an introduction for beginning students and as a comprehensive reference book for biological researchers and for advanced students.

This book is appropriate for a one- or two-semester, junior or graduate-level course in biostatistics, biometry, quantitative biology, or statistics, and assumes a prerequisite of algebra.

FEATURES

- A broad collection of data-analysis procedures and techniques are presented, covering a wide variety of biological research, such as physiology, genetics, ecology, behavior, morphology.
- The most comprehensive treatment available includes coverage of the basics of statistical analysis, and also the following topics rarely or never found in statistics books for biologists:
  - Diversity
  - Polynomial regression
  - Multidimensional contingency tables
  - Stepwise regression
  - Nonparametric multiple comparisons
  - Higher order factorial analyses of variance
  - Circular distributions
  - Power and sample size determinations.
- An orderly organization and presentation of topics, with cross-referencing as appropriate.
- The readable and accessible approach allows students with no previous statistical background or mathematical expertise beyond simple algebra to understand the material presented.
- The thoughtful presentation encourages students to think about the value of each statistical technique, as opposed to merely plugging numbers into formulae.
- The exposition considers complex procedures such as factorial analysis of variance and multiple regression in terms of the interpretation of typical computer output.
- A wealth of graphs and other figures are integrated to visually support concepts under discussion.
- A uniquely comprehensive set of statistical tables–more than 40 in all–facilitates statistical analyses without having to consult a separate book. This includes tables that are unique to this book.
- Worked examples for all major procedures guide readers step-by-step through the techniques, demonstrating each of the important concepts.
- An extensive bibliography directs readers to further relevant literature.

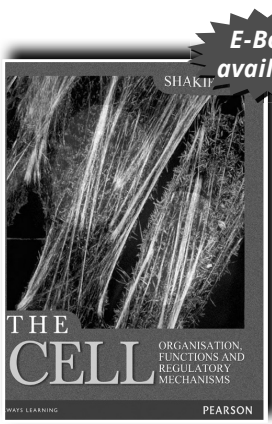
CONTENTS

19. Simple Linear Correlation
20. Multiple Regression and Correlation
21. Polynomial Regression
22. Testing for Goodness of Fit
23. Contingency Tables
24. Dichotomous Variables
25. Testing for Randomness
26. Circular Distributions: Descriptive Statistics
27. Circular Distributions: Hypothesis Testing
28. Answers to Exercises
29. Literature Cited

ABOUT THE AUTHOR(S)

Jerrold H. Zar received his undergraduate degree in Biological Sciences from Northern Illinois University in 1962. He later earned his M.S. and Ph.D. degrees in biology and zoology from the University of Illinois at Urbana-Champaign. Zar then returned to Northern Illinois University for 34 years to serve in a variety of capacities. He joined the faculty at NIU as an Assistant Professor in 1968 and quickly rose through the ranks of associate and full professor to become Chair of the Department of Biological Sciences in 1978. He served two terms as Chair of the Department and then, became the Vice Provost for Graduate Studies and Research and Dean of the Graduate School. He was a founder of the Illinois Minority Graduate Incentive Program and the Illinois Consortium for Educational Opportunities Program, where he helped create and protect fellowship opportunities for minority graduate students at universities across the state. Zar is a member of 17 professional scientific societies, including being an elected fellow of the American Association for the Advancement of Science. His many research publications cover a range of topics, from statistical analysis to physiological adaptations of animals to their environment.

CELL AND MOLECULAR BIOLOGY



ISBN: 9788131773284

The Cell: Organization, Functions and Regulatory Mechanisms

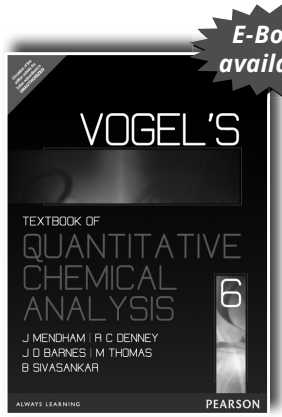
Shakir Ali

376 | © 2014

Web Supplements

ABOUT THE BOOK

The Cell: Organisation, Functions and Regulatory Mechanisms provides a precise blend of basic and applied knowledge of cell science that reinforces the conceptual understanding of the subject with leading edge examples and experiments. Catering to the prescribed curricula for a wide range of programmes in different universities and colleges, this book is ideal for undergraduate and postgraduate students who pursue a detailed study of the subject. The book will also serve as a standard resource material for teachers and scholars who may like to enrich their knowledge about the cell in areas pertaining to their specific fields of interest.



ISBN: 9788131723258

Vogel's Quantitative Chemical Analysis, 6/e

J. Mendham | David J. Barnes | R.C. Denney | M. J. K. Thomas

836 | © 2009

ABOUT THE BOOK

Dr. Vogel's classic introduction to analytical methods has provided generations of chemists worldwide with a basis for teaching, learning and applying analytical chemistry. This 60th anniversary edition - the first for a decade - reflects major changes in the subject. Analysts need to understand the concepts behind methods and ***Vogel's Quantitative Chemical Analysis*** provides clear introductions to all the key analytical methods including those involving advanced computerised equipment available in many analytical laboratories. The editors have built further on the work of Dr Vogel, modernising the approach while retaining the analytical concepts and ideas which were built into the original work. This new edition has been extensively revised to take into account developments in instrumental procedures and coupled techniques whilst maintaining the book's focus on quantitative chemical and problem-specific analyses. With excellent cross-referencing this book provides a wealth of examples and tables of data.

FEATURES

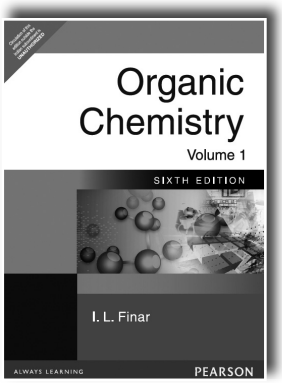
- Comprehensive coverage of methods with detailed easy-to-follow practical experiments.
- Basic analytical theory which is essential for understanding the subject.
- Greatly expanded sections on instrumental analysis including aspects of miniaturisation.
- Increased emphasis on minor/trace component analysis and revised statistical handling of data.
- New chapters on sampling, mass spectrometry and nuclear magnetic resonance.

CONTENTS

ABOUT THE AUTHOR(S)

J. Mendham, Consultant Analytical Chemist
R.C. Denney, Consultant Forensic Scientist
J. D. Barnes, University of Greenwich
M.J.K. Thomas, University of Greenwich

Organic Chemistry, Volume 1, 6/e



I. L. Finar

966 | © **2005**

ISBN: 9788177585421

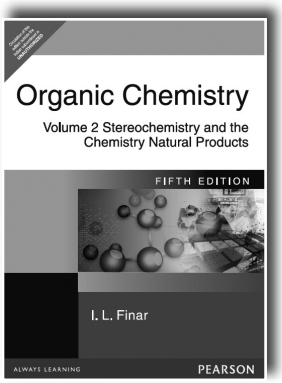
ABOUT THE BOOK

In the sixth edition of Dr. Finar's best-selling student text, a great deal of material has been rewritten and many new topics have been added. The arrangement of the subject matter is based on homologous series and SI units have been used throughout the text.

CONTENTS

ABOUT THE AUTHOR

The late **Dr. Finar** was Principal Lecturer in Organic Chemistry at the Polytechnic of North London.



ISBN: 9788177585414

Organic Chemistry, Volume 2: Stereochemistry and the Chemistry Natural Products, 5/e

I. L. Finar

956 | © **2005**

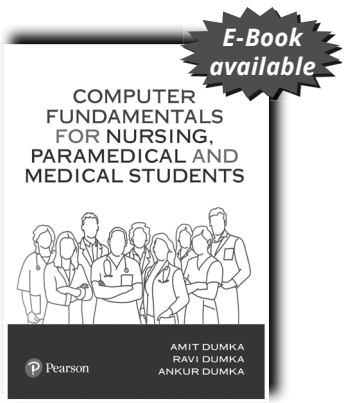
ABOUT THE BOOK

Organic Chemistry is a well-established two-volume textbook for students studying chemistry at degree level. Volume 2 carries the material of Volume 1: Fundamental Principles to a more advanced level. The author provides a comprehensive introduction to the relationship between physical properties and chemical structures, and then proceeds to a detailed account of stereochemistry. The later chapters are devoted to the most typical compounds of natural products and the problems involved. A selected number of reading references are given at the end of each chapter.

CONTENTS

ABOUT THE AUTHOR

The late **Dr. Finar** was Principal Lecturer in Organic Chemistry at the Polytechnic of North London.



ISBN: 9789357052931

Computer Fundamentals for Nursing, Paramedical and Medical Students

Amit Dumka | Ravi Dumka | Ankur Dumka

372 | © 2023

ABOUT THE BOOK

This book provides the basics of computer technologies that are useful for nursing, paramedical and medical students and any reader who want to learn the different applications of computers. Spread across eleven chapters, the book covers all the aspects of the subject from basics of computers to its application in healthcare in a student-friendly manner. It also explains the ways data, knowledge and information can be used for effective healthcare.

FEATURES

- Demonstrates the use of computer and technology in patient care, nursing education, practice, administration and research.
- Describes the principles of health informatics and its use in developing efficient healthcare.
- Numerous screenshots to aid follow and practice approach

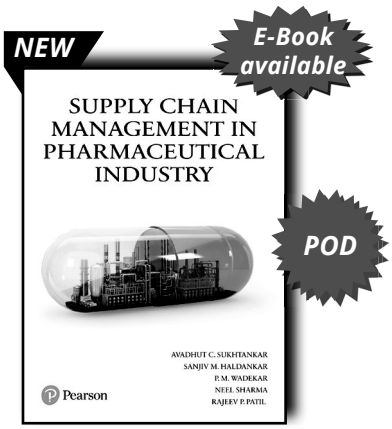
CONTENTS

ABOUT THE AUTHOR(S)

Amit Dumka, Government Medical College Haldwani, India,

Ravi Dumka HP India Sales Pvt. Ltd.,

Ankur Dumka Women Institute of Technology Dehradun, Uttarkhand Graphic Era Deemed to be University Dehradun, Uttarakhand.



ISBN: 9788119896516

Supply Chain Management in Pharmaceutical Industry

Avadhut C. Sukhtankar | Sanjiv M. Haldankar | P. M. Wadekar | Neel Sharma | Rajeev P. Patil

528 | © 2024

ABOUT THE BOOK

Supply Chain Management in Pharmaceutical Industry is a comprehensive textbook tailored for Pharma MBA students, part-time MBA students specializing in Pharma, and SCM enthusiasts. With 36 insightful chapters divided into 5 parts, this book delves into the core principles, strategies, and emerging trends essential for navigating the dynamic landscape of pharmaceutical supply chains. Designed as both a textbook and a reference guide, it serves as a valuable resource for management trainees, mentors, teachers, and trainers in SCM, offering practical insights and real-world case studies. Beyond the pharmaceutical sector, professionals from diverse functions within the industry, such as Maintenance Engineers, Accounts Officers, and Marketing Professionals, will find valuable insights for job and career development. Moreover, this comprehensive guide extends its applicability to related industries such as Nutraceuticals, Foods, and Beverages, making it an indispensable resource for anyone involved in optimizing supply chains across the broader healthcare and consumer goods landscape.

CONTENTS

ABOUT THE AUTHOR(S)

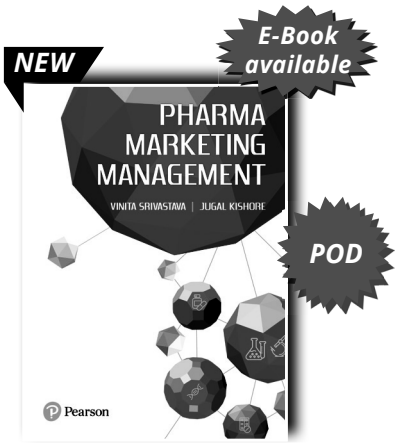
Avadhut C. Sukhtankar, Formerly President,Supply Chain Ipca Laboratories Ltd and Visiting Faculty, NMIMS, Mumbai and Prin. L. N. Welingkar Institute of Management Development & Research, Mumbai

Sanjiv M. Haldankar, General Manager, Daiwat Chemicals, Mumbai

P. M. Wadekar, Formerly Controller, Logistics and Distribution, Abbott India Limited and Visiting Faculty, NMIMS, Mumbai

Neel Sharma, Formerly Head, Procurement and Third Party Coordination, Abbott India Limited and Visiting Faculty, NMIMS, Mumbai

Rajeev P. Patil, Formerly Senior Vice President, Regulatory Affairs, Lupin Limited



ISBN: 9788119896318

Pharma Marketing Management

Vinita Srivastava | Jugal Kishore

168 | © 2024

ABOUT THE BOOK

Pharma Marketing Management offers a comprehensive exploration of the concurrent dynamics of pharmaceutical marketing in India. With six insightful chapters, dealing with pharmaceutical market management concepts and principles, product decisions, promotion, pharmaceutical marketing channels, pricing, and regulatory framework, this book delves into essential topics crucial for understanding and navigating the complexities of the pharmaceutical industry. Designed to cater to a diverse audience, including students of management, pharmaceutical sciences, marketing, economics, pharmacology, public health, and legislation, this book serves as an indispensable resource for anyone seeking to deepen their understanding of pharmaceutical marketing management concepts and practices.

CONTENTS

ABOUT THE AUTHOR(S)

Vinita Srivastava, is presently a faculty member at Jaipuria Institute of Management, Noida,

Jugal Kishore, is presently Director Professor, Department-Community Medicine, VMMC & Safdarjung Hospital (Ministry of Health & Family Welfare) New Delhi 110029. Vice President-Indian Association of Epidemiologists Secretary General (Hony) IAAH; Secretary (Hony) Indian Public Health Association (Delhi State); General Secretary (Hony) Association of Occupational & Environmental Health.

AUTHOR INDEX

ISBN	Author	Title	Price	Page
9788131773284	Ali	The Cell: Organization, Functions and Regulatory Mechanisms	980	54
9789357052931	Amit Dumka / Ravi Dumka / Ankur Dumka	Computer Fundamentals for Nursing, Paramedical and Medical Students by Ankur	520	58
9788131774854	Anandhi	Introduction to Biochemistry and Metabolism	660	22
9788177586411	Attwood / Parry Smith / Phukan	Introduction to Bioinformatics	890	23
9788131721186	Basak	Environmental Studies	640	24
9789332587441	Bauman	Microbiology with Diseases by Body System, 4/e	1740	30
9788131765272	Bhasin	Pharmaceutical Physical Chemistry : Theory and Practices	730	29
9788131765272	Bhasin	Pharmaceutical Physical Chemistry : Theory and Practices	730	42
9788131760345	Bhatnagar / Bhatnagar	Effective Communication and Soft Skills	500	9
9789353948450	Bruice	Organic Chemistry, 8/e	1340	13
9789353439606	Elango	Pharmaceutics-I Practicals	520	5
9789356066267	Felix Bast	Biostatistics and Mathematical Biology	620	52
9788177585421	Finar	Organic Chemistry, Volume 1, 6/e	1280	14
9788177585414	Finar	Organic Chemistry, Volume 2: Stereochemistry and the Chemistry Natural Products, 5/e	1260	15
9788131700938	Finar	Problems and Their Solution in Organic Chemistry	1060	15
9788177585421	Finar	Organic Chemistry, Volume 1, 6/e	1280	27
9788177585421	Finar	Organic Chemistry, Volume 1, 6/e	1280	36
9788177585414	Finar	Organic Chemistry, Volume 2: Stereochemistry and the Chemistry Natural Products, 5/e	1260	37
9788177585414	Finar	Organic Chemistry, Volume 2: Stereochemistry and the Chemistry Natural Products, 5/e	1260	41

ISBN	Author	Title	Price	Page
9788177585414	Finar	Organic Chemistry, Volume 2: Stereochemistry and the Chemistry Natural Products, 5/e	1260	44
9788177585414	Finar	Organic Chemistry, Volume 2: Stereochemistry and the Chemistry Natural Products, 5/e	1260	46
9788177585421	Finar	Organic Chemistry, Volume 1, 6/e	1280	50
9788177585414	Finar	Organic Chemistry, Volume 2: Stereochemistry and the Chemistry Natural Products, 5/e	1260	51
9788177585421	Finar	Organic Chemistry, Volume 1, 6/e	1280	56
9788177585414	Finar	Organic Chemistry, Volume 2: Stereochemistry and the Chemistry Natural Products, 5/e	1260	57
9788177589573	Furniss / Hannaford / Smith / Tatchell	Vogel's Textbook of Practical Organic Chemistry, 5/e	1720	28
9788177589573	Furniss / Hannaford / Smith / Tatchell	Vogel's Textbook of Practical Organic Chemistry, 5/e	1720	44
9788177589573	Furniss / Hannaford / Smith / Tatchell	Vogel's Textbook of Practical Organic Chemistry, 5/e	1720	47
9788177589573	Furniss / Hannaford / Smith / Tatchell	Vogel's Textbook of Practical Organic Chemistry, 5/e	1720	16
9789332549432	Geankoplis	Transport Processes and Separation Process Principles (Includes Unit Operations)	1300	34
9788131707937	Gilchrist	Heterocyclic Chemistry, 3/e	1020	21
9788131707937	Gilchrist	Heterocyclic Chemistry, 3/e	1020	38
9788131726105	Hadley / Levine	Endocrinology, 6/e	1450	1
9788131711583	Khan	The Elements of Immunology	1450	48
9788131734537	Kumar / Savithri / Sreehari	Communication Skills and Soft Skills : An Integrated Approach	360	10
9788131709122	Manjunath	Environmental Studies	590	25
9788131727102	Mann / Saunders	Practical Organic Chemistry	910	17
9789332517295	McFadden	Introducing Pharmacology: For Nursing and Healthcare, 2/e	660	43
9788131723258	Mendham / Barnes / Denney / Thomas	Vogel's Quantitative Chemical Analysis, 6/e	1180	49
9788131723258	Mendham / Barnes / Denney / Thomas	Vogel's Quantitative Chemical Analysis, 6/e	1180	55

ISBN	Author	Title	Price	Page
9788131723258	Mendham / Barnes / Denney / Thomas	Vogel's Quantitative Chemical Analysis, 6/e	1180	3
9788131704813	Morrison / Boyd / Bhattacharjee	Organic Chemistry, 7/e	1180	26
9788131704813	Morrison / Boyd / Bhattacharjee	Organic Chemistry, 7/e	1180	37
9788131704813	Morrison / Boyd / Bhattacharjee	Organic Chemistry, 7/e	1180	12
9788131729496	Page / Williams	Organic and Bio-Organic Mechanisms	960	17
9789332545076	Ramakrishnan / Mukhopadhyay	Essentials of Analytical Chemistry	720	4
9788131732854	Ramesh / Ramesh	The ACE of Soft Skills: Attitude, Communication and Etiquette for Success	820	6
9789356064270	Robbins / Judge / Vohra	Organizational Behavior, 18/e	1180	8
9789332549371	Shuler	Bioprocess Engineering: Basic Concepts, 2/e	950	31
9788131731444	Sriram / Yogeeswari	Medicinal Chemistry 2/e	990	40
9788119896318	Srivastava / Kishore	Pharma Marketing Management	375	60
9788119896516	Sukhtankar / Haldankar / Wadekar / Sharma / Patil	Supply Chain Management in Pharmaceutical Industry	799	59
9788131773710	Svehla / Sivasankar	Vogel's Qualitative Inorganic Analysis, 7/e	800	2
9788177584332	Sykes	A Guidebook to Mechanism in Organic Chemistry, 6/e	860	18
9788131756867	Vogel	Elementary Practical Organic Chemistry: Small Scale Preparations Part 1, 2/e	960	19
9788131756874	Vogel	Elementary Practical Organic Chemistry: Qualitative Organic Analysis Part 2, 2/e	960	19
9788131756881	Vogel	Elementary Practical Organic Chemistry: Quantitative Organic Analysis Part 3, 2/e	960	20
9789389342673	Wade, Jr. / Simek / Singh	Organic Chemistry, 9/e	1860	20
9788119896608	Weir / Hass / Heil / Bogacki	Thomas' Calculus, 15/e	1180	11
9789332536678	Zar	Biostatistical Analysis, 5/e	1390	53

*All Prices are subject to change without notice