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Pediatric Gastrointestinal and Liver Disease, by Drs. Robert Wyllie and Jeffrey S. Hyams provides the comprehensive reference you need to treat GI diseases in children. Review the latest developments in the field and get up-to-date clinical information on hot topics like polyps, capsule endoscopy, and pancreatic treatments. With expert guidance from an expanded international author base and online access to 475 board-review-style questions, this latest edition is a must-have for every practicing gastroenterologist. Confirm each diagnosis by consulting a section, organized by symptoms, that presents the full range of differential diagnoses and treatment options for each specific condition. Recognize disease processes at a glance with detailed diagrams that accurately illustrate complex concepts. Stay current with advances in the field by reviewing new chapters on Polyps and Polyposis Syndromes, Capsule Endoscopy and Small Bowel Enteroscopy, Small Bowel Transplantation, IBD, Short Gut Syndrome, Steatosis and Non-Alcoholic Fatty Liver Disease, and Pancreatic and Islet Cell Transplants. Gain fresh global perspectives from an expanded list of expert international contributors. Sharpen your visual recognition by accessing a color-plate section that displays additional endoscopy images. Prepare for certification or recertification with 475 online board review-style questions, answers, and rationales.

Completely updated in a new edition and written by the best-selling author team of Bryan E. Bledsoe D.O., F.A.C.E.P., EMT-P, Robert S. Porter M.A., NREMT-P, and Richard A. Cherry, M.S., NREMT-P, this student-friendly easy to understand series covers the DOT National Standard Curriculum. The third of 5 titles in the Brady Paramedic Care Principles and Practice series, Volume 3 - Medical Emergencies - covers pulmonology, cardiology, neurology, endocrinology, allergies and anaphylaxis, gastroenterology, urology and nephrology, toxicology and substance abuse, hematolo-

gy, environmental emergencies, infectious diseases, psychiatric and behavioral emergencies, gynecology, and obstetrics.

This new and expanded edition builds upon the first edition's accessible and comprehensive overview of the interdisciplinary field of sustainability. The focus is on furnishing solutions and equipping the student with both conceptual understanding and technical skills for the workplace. Each chapter explores one aspect of the field, first introducing concepts and presenting issues, then supplying tools for working toward solutions. Techniques for management and measurement as well as case studies from around the world are provided. The second edition includes a complete update of the text, with increased coverage of major topics including the Anthropocene; complexity; resilience; environmental ethics; governance; the IPCC's latest findings on climate change; Sustainable Development Goals; and new thinking on native species and novel ecosystems. Chapters include further reading and discussion questions. The book is supported by a companion website with links, detailed reading lists, glossary, and additional case studies, together with projects, research problems, and group activities, all of which focus on real-world problem solving of sustainability issues. The textbook is designed to be used by undergraduate college and university students in sustainability degree programs and other programs in which sustainability is taught.

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 unders-

tanding of each of the major endocrine systems, in examples designed specifically for premedical and related professional courses.

Our Marvelous Bodies offers a unique perspective on the structure, function, and care of the major systems of the human body. Unlike other texts that use a strictly scientific approach, physiologist Gary F. Merrill relays medical facts alongside personal stories that help students relate to and apply the information. Readers learn the basics of feedback control systems, homeostasis, and physiological gradients. These principles apply to an understanding of the body's functioning under optimal, healthy conditions, and they provide insight into states of acute and chronic illness. Separate chapters are devoted to each of the body's systems in detail: nervous, endocrine, cardiovascular, respiratory, renal, gastrointestinal, musculoskeletal, reproductive, and immune. Through a series of real-life examples, the book also shows the importance of maintaining careful medical records for health care professionals, scientists, and patients alike.

Aquaporin Regulation, Volume 112, the latest release in the Vitamins and Hormones series, highlights new advances in the field, with this new volume presenting interesting chapters highlighting Perspectives on the evolution of aquaporin superfamily, Structure and dynamics of aquaporin-1, Selectivity and Transport in Aquaporins from Molecular Simulation Studies, Aquaporin regulation in metabolic organs, Phosphorylation of human AQP2 and its role in trafficking, Regulation of Aquaporin-2 by RNA Interference, Aquaporin Regulation: Lessons from Secretory Vesicles, CFTR Regulation of Aquaporin-mediated Water Transport, Glucocorticoid Gene Regulation of Aquaporin-7, and much more. Provides the authority and expertise of leading contributors from an international board of authors Presents the latest release in the Vitamins and Hormones series Updated release includes the latest information on aquaporin regulation

In this Section: 1. Brief Table of Contents 2. Full Table of Contents 1. BRIEF TABLE OF CONTENTS Chapter 1 The Science of Psychology Chapter 2 The Biological Basis of Behavior Chapter 3 Sensation and Perception Chapter 4 States of Consciousness Chapter 5 Learning Chapter 6 Memory Chapter 7 Cognition and Mental Abilities Chapter 8 Motivation and Emotion Chapter 9 Life-Span Development Chapter 10 Personality Chapter 11 Stress and Health Psychology Chapter 12 Psychological Disorders Chapter 13 Therapies Chapter 14 Social Psychology Appendix A Measurement and Statistical Methods Appendix B Psychology Applied to Work 2. FULL TABLE OF CONTENTS Chapter 1: The Science of Psychology What is Psychology? The Growth of Psychology Human Diversity Research Methods in Psychology Ethics and Psychology Research on Humans and Animals Careers in Psychology Chapter 2: The Biological Basis of Behavior Neurons: The Messengers The Central Nervous System The Peripheral Nervous System The Endocrine System Genes, Evolution, and Behavior Chapter 3: Sensation and Perception The Nature of Sensation Vision Hearing The Other Senses Perception Chapter 4: States of Consciousness Sleep Dreams Drug-altered Consciousness Meditation and Hypnosis Chapter 5: Learning Classical Conditioning Operant Conditioning Factors Shared by Classical and Operant Conditioning Cognitive Learning Chapter 6: Memory The Sensory Registers Short Term Memory Long Term Memory The Biology of Memory Forgetting Special Topics in Memory Chapter 7: Cognition and Mental Abilities Building Blocks of Thought Language, Thought, and Culture Nonhuman Thought and Language Problem Solving Decision Making Multitasking Intelligence and Mental Abilities Heredity, Environment, and Intelligence Creativity Answers to Problems in the Chapter Answers to Intelligence Test Questions Chapter 8: Motivation and Emotion Perspectives on Motivation Hunger and Thirst Sex Other Important Motives Emotions Communicating Emotion Chapter 9: Life-Span Development Methods in Development Prenatal Development The Newborn Infancy and Childhood Adolescence Adulthood Late Adulthood Chapter 10: Personality Studying Personality Psychodynamic Theories Humanistic Personality Theories Trait Theories Cognitive-Social Learning Theories Personality Assessment Chapter 11: Stress and Health Psychology Sources of Stress Coping with Stress How Stress Affects Health Staying Healthy Extreme Stress The Well-Adjusted Person Chapter 12: Psychological Disorders Perspectives on Psychological Disorders Mood Disorders Anxiety Disorders Psychosomat-

ic and Somatoform Disorders Dissociative Disorders Sexual and Gender-Identity Disorders Personality Disorders Schizophrenic Disorders Childhood Disorders Gender and Cultural Differences in Psychological Disorders Chapter 13: Therapies Insight Therapies Behavior Therapies Cognitive Therapies Group Therapies Effectiveness of Psychotherapy Biological Treatments Institutionalization and Its Alternatives Client Diversity and Treatment Chapter 14: Social Psychology Social Cognition Attitudes Social Influence Social Action Appendix A: Measurement and Statistical Methods Scales of Measurement Measurements of Central Tendency The Normal Curve Measures of Correlation Using Statistics to Make Predictions Using Meta-Analysis in Psychological Research Appendix B: Psychology Applied to Work Matching People to Jobs Measuring Performance on the Job Issues of Fairness in Employment Behavior within Organizations Organizational Culture Organizational Attitudes.

A Visual Approach to Two-Semester A&P Visual Anatomy & Physiology combines a visual approach with a modular organization to deliver an easy-to-use and time-efficient book that uniquely meets the needs of today's students—without sacrificing the comprehensive coverage of A&P topics required for careers in nursing and other allied health professions. The Second Edition addresses tough physiology topics with new and revised two-page modules. Brand-new end-of-chapter study and practice materials include a narrative Study Outline and comprehensive Chapter Review Questions. Module Reviews and Section Reviews, appearing throughout each chapter, give students additional tools for learning. In response to the strong demand from A&P instructors, a brand-new Visual Anatomy & Physiology Lab Manual uses the same visual approach and modular organization to help students succeed in the lab. This program presents a better teaching and learning experience by providing: A visual approach and modular organization: The two-page modules seamlessly integrate text and visuals to guide students through complex topics and processes with no page flipping. The addition of new content in select modules gives students a better understanding of physiology. Frequent practice: Review questions at the end of each module, section, and chapter encourage and support student practice. In the Second Edition, the Chapter Review includes a new narrative Study Outline and new comprehensive Chapter Review questions. Students can continue practicing with MasteringA&P. Learning outcomes that tightly coordinate with teaching points: The clean one-to-one

correspondence between the numbered chapter-opening Learning Outcomes and the numbered two-page modules give students an easy learning path and instructors an easy vehicle for assessment. Streamlined learning in the lab: The new Visual Anatomy & Physiology Lab Manual uses the same visual approach and modular organization to help students succeed in the lab. Personalized learning with MasteringA&P: Engage students with new “tough topic” Coaching Activities and a wide range of other question and activity types—all automatically graded. Note: You are purchasing a standalone product; MasteringA&P does not come packaged with this content. MasteringA&P is not a self-paced technology and should only be purchased when required by an instructor.

Having a balanced understanding of legal and ethical concepts and applying them to a multitude of real-life clinical and administrative situations is essential to any health professional. This text provides this balance by helping health professionals understand both the intention as well as the realities of the law. All the while, preparing them for the major ethical considerations and dilemmas they may encounter. Written in a straightforward manner aimed at health professionals in a variety of settings, this book introduces the reader to many topics affecting health care today such as the legal system, patient/physician relationship, professional liability and malpractice prevention, confidentiality, physician's public duties, medical records, and bioethical issues. Through this introduction healthcare professionals will better understand the ethical obligations to the patient, the employer, and themselves. For Medical Assisting students.

Fundamentals of Applied Pathophysiology delivers a highly visual and accessible introduction to pathophysiology for nursing and healthcare students, guiding readers through the subject matter with case studies, exercises, key words, and additional resources to support learning and retention. The new edition of Fundamentals of Applied Pathophysiology includes brand-new content on homeostasis, systematic approach to assessment, and key terminology. The book features links to clinical observations, vital signs to observe, investigation boxes, clinical red flags, medication alerts, and the latest, contemporary evidence for care management, including National Early Warning Score 2 (NEWS2). Presents comprehensive treatment guidance for all fundamental pathophysiology categories, including disorders of the central nervous system, heart, vascular and renal systems, and more Aligns with the latest

NMC standards Full-colour illustrations throughout that brings the subject to life Fundamentals of Applied Pathophysiology belongs on the bookshelves of all pre-registration nursing students, midwifery students, healthcare assistants, and assistant practitioners. Professionals in allied healthcare areas such as physiotherapy, radiotherapy, and occupational therapy will also benefit from the material contained in this comprehensive resource.

Were you looking for the book with access to MasteringA&P? This product is the book alone, and does NOT come with access to MasteringA&P. Buy Essentials of Human Anatomy and Physiology with MasteringA&P access card 11e (ISBN 9781292057590) if you need access to Mastering as well, and save money on this brilliant resource. A Bestseller Revitalized with a Modern Design and Robust Media Now in its Eleventh Edition, the best-selling Essentials of Human Anatomy and Physiology continues to set the standard for one-semester A&P texts. With her hallmark clear and friendly writing style and meaningful analogies, Elaine Marieb emphasizes the relevance of anatomy & physiology to students' lives and future careers. The book continues to offer just the right balance of anatomy, physiology, and clinical coverage to make the content complete, but not overwhelming. New clinical photos in the Homeostatic Imbalance feature help students visualize diseases and disorders, and new integrated Concept Links help students make connections across topics and body systems. A new, more modern design makes the book more accessible than ever, and new specific references to MasteringA&P direct students to study tools and resources that reinforce their understanding of chapter concepts. Written specifically for the one-semester course, this text presents a superior teaching and learning experience for you and your students. The program allows you to: Bring A&P concepts to life and provide real-world context: A dramatic art and photo program features 3-D anatomy illustrations, process figures with descriptive step text, realistic bone art, illustrated tables, and new clinical photographs in the Homeostatic Imbalance feature. Help students study and retain information: Effective pedagogy, including new Concept Links, Did You Get It? concept check questions, figure questions, and end-of-chapter review questions help students study and retain the information they need. Personalize learning with MasteringA&P (optional purchase): MasteringA&P provides students with engaging experiences that coach them through tough topics in A&P, with tools that help them visualize, prac-

tice, and understand A&P. Instructors can easily assign a wide range of question and activity types for automatic grading. New for the Eleventh Edition, learning outcomes and Homeostatic Imbalance features are now numbered for easy assignment in MasteringA&P. Note: You are purchasing a standalone product; MasteringA&P does not come packaged with this content. MasteringA&P is not a self-paced technology and should only be purchased when required by an instructor. MasteringA&P® is not included. Students, if MasteringA&P is a recommended/mandatory component of the course, please ask your instructor for the correct ISBN and course ID. MasteringA&P should only be purchased when required by an instructor. Instructors, contact your Pearson representative for more information. MasteringA&P is an online homework, tutorial, and assessment product designed to improve results by helping students quickly master concepts. Students benefit from self-paced tutorials that feature immediate wrong-answer feedback and hints that emulate the office-hour experience to help keep students on track. With a wide range of interactive, engaging, and assignable activities, students are encouraged to actively learn and retain tough course concepts. You can benefit from MasteringA&P at a reduced price by purchasing a pack containing a copy of the book and an access card for MasteringA&P: Essentials of Human Anatomy and Physiology with MasteringA&P access card 11e (ISBN 9781292057590). Alternatively, buy access to MasteringA&P and the eText – an online version of the book. For educator access, contact your Pearson Account Manager.

TAKING IT TO THE WARD! Principles of Pathophysiology has been specifically written for local nursing and Allied Health students with the aim of clearly integrating the science of Pathophysiology with clinical practice within Australia and New Zealand. Taking a systems approach to help facilitate stronger understanding, this new Australian text is the perfect learning resource for Nursing and Allied Health students.

Were you looking for the book with access to MasteringA&P? This product is the book alone, and does NOT come with access to MasteringA&P. Buy Human Physiology: An Integrated Approach with MasteringA&P access card 6e (ISBN 9781447963196) if you need access to Mastering as well, and save money on this brilliant resource. Human Physiology: An Integrated Approach broke ground with its thorough coverage of molecular physiology seamlessly inte-

grated into a traditional homeostasis-based systems approach. The newly revised Sixth Edition introduces a major reorganization of the early chapters to provide the best foundation for the course and new art features that streamline review and essential topics so that students can access them more easily on an as-needed basis. Recognized as an extraordinary educator and active learning enthusiast, Dr. Silverthorn incorporates time-tested classroom techniques throughout the book and presents thorough, up-to-date coverage of new scientific discoveries, biotechnology techniques, and treatments of disorders. Dr. Silverthorn also co-authored the accompanying Student Workbook and Instructor Manual, ensuring that these ancillaries reinforce the pedagogical approach of the book. This product is the book alone, and does NOT come with access to MasteringA&P. Students, if MasteringA&P is a recommended/mandatory component of the course, please ask your instructor for the correct ISBN and course ID. MasteringA&P should only be purchased when required by an instructor. Instructors, contact your Pearson representative for more information. MasteringA&P is an online homework, tutorial, and assessment product designed to improve results by helping students quickly master concepts. Students benefit from self-paced tutorials that feature immediate wrong-answer feedback and hints that emulate the office-hour experience to help keep students on track. With a wide range of interactive, engaging, and assignable activities, students are encouraged to actively learn and retain tough course concepts. You can benefit from MasteringA&P at a reduced price by purchasing a pack containing a copy of the book and an access card for MasteringA&P: Human Physiology: An Integrated Approach with MasteringA&P access card 6e (ISBN). Alternatively, buy access to MasteringA&P and the eText – an online version of the book – online at www.masteringa&p.com. For educator access, contact your Pearson Account Manager. To find out who your account manager is, visit www.pearsoned.co.uk/relocator English for Academic Correspondence and Socializing is the first ever book of its kind specifically written for researchers of all disciplines whose first language is not English. With easy-to-follow rules and tips, and with authentic examples taken from real emails, referee's reports and cover letters, you will learn how to: • use strategies for understanding native speakers of English • significantly improve your listening skills • organize one-to-one meetings • feel confident at social events • manage and participate in a successful conversa-

tion • write effective emails • review other people's manuscripts - formally and informally • reply effectively and constructively to referees' reports • write cover letters to editors • use the telephone and Skype • participate in (video) conference calls • exploit standard English phrases Other books in the series: English for Presentations at International Conferences English for Writing Research Papers English for Research: Usage, Style, and Grammar English for Academic Research: Grammar Exercises English for Academic Research: Vocabulary Exercises English for Academic Research: Writing Exercises

From the author of Prentice Hall's Nursing Reviews and Rationales Series comes a comprehensive review for the NCLEX-PN(R). Completely current reflecting the April 2007 NCLEX-PN(R) test plan, this review book features a comprehensive outline review, 1570 questions and a 265-question practice test. A FREE CD-ROM provides an additional 3880 questions for review. Throughout answers are complete with rationales and testing strategies to help students determine how to answer questions, even if they aren't sure of the correct answer. In this competitive market, this new NCLEX-PN(R) review book will stand out because of these features: -The quantity and quality of our review questions, over 5450 total -Organization according to the April 2007 NCLEX-PN(R) Test Plan -The multi-media support that accompanies this review book. -Inclusion of alternate test items such as prioritization, dosage calculation, enhanced image questions and more in the book and on the CD-ROM -FREE Prentice Hall NursingNotes Cards Additional features include: -Over 1540 NCLEX-PN(R)-style questions in the book -Rationales and testing strategies for all answers -Nearly all questions are a high level of difficulty, i.e analysis and application -Free CD-ROM offering an additional 3880 practice questions -Memory Test Aid boxes -Test Your NCLEX(R) I.Q. assessment boxes -Review tips for ESL students -Section for foreign nurses to help prepare them for the NCLEX-PN(R)

Market: First Year Medical students, Nurse Practitioner students, and Physician Assistant students Topics covered will be tested on USMLE Step I Each chapter includes self-study questions, learning objectives, and clinical examples Two important areas have been updated: the first pertains to hormonal regulation of bone metabolism and the second to hormonal aspects of obesity and metabolic syndrome

The Tenth Edition of this best-selling text for LPN/LVN students provides comprehensive coverage of introductory medical-surg-

ical nursing in a highly visual and easy to understand manner. This content equips readers with the practical knowledge and skills to manage nursing care of clients in today's changing healthcare environments and eases the transition from classroom to clinical practice. The text has been updated to reflect the latest equipment and trends in health care, and includes hundreds of new full-color illustrations and photographs. Over 30 care plans are included, addressing common conditions such as Alzheimer's disease, cancer, myocardial infarction, stroke, diabetes mellitus, modified radical mastectomy, and chronic renal failure. "Stop, Think, and Respond" exercises in every chapter encourage rapid recall and practical assimilation of content. A bound-in CD-ROM and a companion Website include a Spanish-English audio glossary, Concepts in Action animations, Watch and Learn video clips, NCLEX-style review questions, plus the full text online.

Traditionally, endocrinology textbooks have been either short notes or multi-author, multi-volume monster, all of which present clinical material last and often only briefly. Endocrinology is different and used real cases to lead readers into the text and then describes the biochemistry, physiology, and anatomy they need to understand the case. The

Essential for course review and NCLEX review, this resource is a complete, concentrated outline of Anatomy and Physiology organized by body system. Each chapter contains objectives, pre- and post-tests with rationales, vocabulary review, practice to pass exercises, critical thinking case studies, as well as NCLEX alerts. Prentice Hall's Nursing Reviews & Rationales Series. Content includes all of the "need-to-know" information covering Anatomy and Physiology including: the Neurological System and Sensory Organs; the respiratory system, the cardiovascular system, the hematological system; the endocrine system; and much more! Each chapter provides the following tools that will help lead you to success in your course and on the NCLEX-RN: Chapter Objectives Pre- and post-chapter tests with comprehensive rationales New test-taking strategies Vocabulary review Practice-to-Pass exercises Critical thinking case studies NCLEX alerts Prentice Hall Nursing Notes reference card About the Series Prentice Hall's Nursing Review & Rationales Series is "the "complete foundation for success within the classroom, in clinical settings and on the NCLEX-RN exam. Each topical volume offers a concentrated review of core content from across the nursing curriculum, while providing hundreds of practice ques-

tions and comprehensive rationales. The "only "review series offering a tear-out reference card and additional audio reviews, the complete series includes the following volumes: Nursing Fundamentals Anatomy & Physiology Child Health Nursing Fluids, Electrolytes, & Acid-Base Balance Maternal-Newborn Nursing Medical-Surgical Nursing Mental Health Nursing Nutrition & Diet Therapy Pathophysiology Pharmacology Physical Assessment Community Health Nursing Leadership & Management Comprehensive Review for NCLEX-RN Comprehensive Review for NCLEX-PN

The World of Psychology offers an accessible text that is designed to seamlessly combine basic learning principles with applications to address the needs of today's diverse student population. The 6th edition of Wood/Wood/Boyd reflects the authors' commitment to the importance of learning and applying core principles in psychology. Students and Instructors of The World of Psychology will benefit by engaging in learning core concepts and applying them to the world we know. Biology and Behavior, Sensation and Perception, States of Consciousness, Learning, Memory, Cognition and Language, Intelligence and Creativity, Child, Adolescent and Adult Development, Motivation and Emotion, Human Sexuality and Gender, Health and Stress, Personality Theories, Psychological Disorders, and Therapies. Introduction to Psychology.

Fundamentals of Pharmacology 7e presents key scientific and clinical principles to facilitate a greater understanding of pharmacology. This wholly Australasian text provides comprehensive and current coverage of topics, written in a clear style with a reader-friendly full colour design.

This book is intended as an introduction to medical assisting courses. Having a balanced understanding of legal and ethical concepts, and applying them to a multitude of real-life clinical and administrative situations, is essential to any health professional. This text provides this balance by helping health professionals understand both the intention as well as the realities of the law. All the while, preparing them for the major ethical considerations and dilemmas they may encounter. Written in a straightforward manner aimed at health professionals in a variety of settings, this book introduces the reader to many topics affecting health care today such as the legal system, patient/physician relationship, professional liability and malpractice prevention, confidentiality, physician's public duties, medical records, and bioethical issues. Through this introduction healthcare professionals will better understand the

ethical obligations to the patient, the employer, and themselves. the law and how it is applied; expanded end-of-chapter workbook exercises; a reinforcement of key concepts; legal cases pertaining to patient confidentiality, managed care, and death and dying integrated throughout the book; appendices as a great reference tool for both the student and the professional; a thorough compilation of codes of ethics, a listing of health care regulatory agencies, and useful medical websites. Additional cases are available in the appendix, that can be used to expand the discussion, and as a reference tool for additional clarification; med tips provide quick information about the law and ethics. This historical context increases student understanding of how to apply the law today, and the brief scenarios and hints are an ideal resource for class discussions.

For the two-semester A&P course. Equipping learners with 21st-century skills to succeed in A&P and beyond Human Anatomy & Physiology, by best-selling authors Elaine Marieb and Katja Hoehn, motivates and supports learners at every level, from novice to expert, equipping them with 21st century skills to succeed in A&P and beyond. Each carefully paced chapter guides students in advancing from mastering A&P terminology to applying knowledge in clinical scenarios, to practicing the critical thinking and problem-solving skills required for entry to nursing, allied health, and exercise science programs. From the very first edition, Human Anatomy & Physiology has been recognized for its engaging, conversational writing style, easy-to-follow figures, and its unique clinical insights. The 11th Edition continues the authors' tradition of innovation, building upon what makes this the text used by more schools than any other A&P title and addressing the most effective ways students learn. Unique chapter-opening roadmaps help students keep sight of "big picture" concepts for organizing information; memorable, familiar analogies describe and explain structures and processes clearly and simply; an expanded number of summary tables and Focus Figures help learners focus on important details and processes; and a greater variety and range of self-assessment questions help them actively learn and apply critical thinking skills. To help learners prepare for future careers in health care, Career Connection Videos and Homeostatic Imbalance discussions have been updated, and end-of-chapter Clinical Case Studies have been extensively reworked to include new NCLEX-Style questions. Mastering A&P is not included. Students, if Mastering A&P is a recommended/mandatory component of the course,

please ask your instructor for the correct ISBN. Mastering A&P should only be purchased when required by an instructor. Instructors, contact your Pearson representative for more information. Reach every student by pairing this text with Mastering A&P Mastering(tm) is the teaching and learning platform that empowers you to reach every student. By combining trusted author content with digital tools and a flexible platform, Mastering personalizes the learning experience and improves results for each student.

Upper Digestive Tract, 2nd Edition, part 1 in the 3-book Digestive System volume, provides a concise and highly visual approach to the basic sciences and clinical pathology of the mouth, pharynx, esophagus and stomach. This book in The Netter Collection of Medical Illustrations (the CIBA "Green Books") has been expanded and revised to capture current perspectives in gastroenterology - from normal anatomy and physiology through pathophysiology, diagnostics and treatment. Radiologic and pathologic images supplement the classic Netter illustrations, as well as new illustrations. Highlights include neurophysiology and electrical physiology of normal gastric function and disease, Barrett's esophagus, eosinophilic esophagus, and imaging and physiologic complexities of swallowing. Gain a rich, comprehensive overview of the upper digestive tract by seeing classic Netter illustrations side by side with cutting-edge radiologic and endoscopic images. Explore key topics in gastroenterology, including tumors of salivary glands, microbiota, diagnostic aids, and postgastrectomy complications. See modern issues in digestive health and disease (bariatric surgery, IBS, and GERD) captured in the visually rich Netter artistic tradition via contributions from artists working in the Netter style. Get complete, integrated visual guidance on the mouth, pharynx, esophagus and stomach in a single source, from basic sciences and normal anatomy and function through pathologic conditions. Benefit from the knowledge of a team of renowned clinicians and scientists.

This easy-to-use book contains a learner-friendly presentation of the most commonly used terms, abbreviations, drugs, diseases, and disorders related to health and medicine. It follows a body systems approach arranged by medical/surgical specialty areas. Chapter topics include: The Integumentary System: Dermatology; The Skeletal System: Orthopedics; The Muscular System: Rheumatology and Orthopedics; The Nervous System: Neurology and Neurosurgery; Special Senses: Ophthalmology and Otorhinolaryngology; The En-

docrine System: Endocrinology; The Cardiovascular System: Cardiology; Blood, Lymph, and the Immune System: Hematology and Immunology; The Digestive System: Gastroenterology; The Respiratory System: Pulmonary Medicine; The Urinary System: Urology; The Female Reproductive System: Gynecology; The Male Reproductive System: Urology. For anyone who is interested in acquiring a basic understanding of medical terminology.

Explains steps that parents can take to help their child develop talent in any activity that has sparked his or her interest. • Covers early experience, environmental factors, and parental roles spurring talent development, from artistry and athleticism to culinary, musical, academic, dance, and other abilities • Explains the importance of practice and steps to mentor and manage ability • Details the SOAR system—Selection, Organization, Association, and Regulation • Includes interviews with well-known talent stars like Olympic speed skater Bonnie Blair, nature photographer Joel Sartore, and pianist Jim Brickman; championship coaches like John Cook (college volleyball) and Robert Sabalvarro (Olympic fencing); and parents of dozens of talented children in domains such as chess, music, rodeo, swimming, baton twirling, football, and many more • Includes a chapter on academic talent

This series of volumes represents a comprehensive and integrated treatment of reproduction in vertebrates from fishes of all sorts through mammals. It is designed to provide a readable, coordinated description of reproductive basics in each group of vertebrates as well as an introduction to the latest trends in reproductive research and our understanding of reproductive events. Whereas each chapter and each volume is intended to stand alone as a review of that topic or vertebrate group, respectively, the volumes are prepared so as to provide a thorough topical treatment across the vertebrates. Terminology has been standardized across the volumes to reduce confusion where multiple names exist in the literature, and a comprehensive glossary of these terms and their alternative names is provided. A complete, essential and up to date reference for research scientists working on vertebrate hormones and reproduction - and on animals as models in human reproductive research Covers the endocrinology, neuroendocrinology, physiology, behaviour and anatomy of vertebrate reproduction Structured coverage of the major themes for all five vertebrate groups allows a consistent treatment for all Special chapters elaborate on features specific to individual vertebrate groups and to comparative aspects, similarities

and differences between them

Using a strong pathophysiology prototype approach to place drugs in context with how they are used therapeutically, this book gives readers a clearer picture of the importance of pharmacology to disease and ultimately to patient care. This holistic perspective to patient care is organized according to the body systems and diseases with complete information on the drug classifications used to treat the diseases. Easy to follow presentation, extensive pedagogical aids enable students to identify key ideas, understand concepts and apply essential components of anatomy, physiology and pathology relevant to drug therapy. The volume comprehensively covers core concepts in pharmacology, pharmacology and the nurse-patient relationship, the nervous system, the cardiovascular and respiratory systems, the immune system, the gastrointestinal system, endocrine and genitourinary systems, the integumentary

system, musculoskeletal system, and eyes/ears.

Were you looking for the book with access to MasteringBiology? This product is the book alone and does NOT come with MasteringBiology. Buy the book and access card package to save money on this resource. Through his teaching, his textbook, and in his online blog, award-winning teacher Michael D. Johnson sparks the interest of today's science-intimidated student by connecting basic biology to real-world issues relevant to students' own lives. Through a storytelling approach and extensive online support, *Human Biology: Concepts and Current Issues, Seventh Edition* not only demystifies how the human body works but drives students to become better consumers of health and science information. Each chapter opens with Johnson's popular "Current Issues" essays, and *BlogInFocus* references within the chapter direct students to his frequently-updated online blog for breaking human biology-re-

lated news. The Seventh Edition offers stronger student self-assessment tools with new and expanded critical thinking questions throughout each chapter and in the end-of-chapter reviews.

Discusses the biocultural and evolutionary factors that direct growth, and intrinsic and extrinsic factors affecting individual development.

This new volume of *Current Topics in Developmental Biology* covers endocrine gland development and disease, and with contributions from an international board of authors. The chapters provide a comprehensive set of reviews covering such topics as sex determination & gonadogenesis, hypothalamus, parathyroid and placenta. Covers the area of endocrine gland development and disease International board of authors Provides a comprehensive set of reviews covering such topics as sex determination & gonadogenesis and the adrenal, thyroid and pineal glands.