

are needed when elderly persons are ill, demented, dependent on social services, and/or institutionalized? What are the responsibilities of adult children toward frail elderly parents? How can professionals and relatives determine whether paternalism toward an elderly person is ethically justified? In an accessible way, this book explains the ethical and conceptual issues at stake. Several specific examples are also presented and each chapter ends with an extensive case study and analysis. This timely work will be a valuable resource for all those involved in geriatric care and to many in the field of bioethics.

Mentorship is a catalyst capable of unleashing one's potential for discovery, curiosity, and participation in STEMM and subsequently improving the training environment in which that STEMM potential is fostered. Mentoring relationships provide developmental spaces in which students' STEMM skills are honed and pathways into STEMM fields can be discovered. Because mentorship can be so influential in shaping the future STEMM workforce, its occurrence should not be left to chance or idiosyncratic implementation. There is a gap between what we know about effective mentoring and how it is practiced in higher education. The Science of Effective Mentorship in STEMM studies mentoring programs and practices at the undergraduate and graduate levels. It explores the importance of mentorship, the science of mentoring relationships, mentorship of underrepresented students in STEMM, mentorship structures and behaviors, and institutional cultures that support mentorship. This report and its complementary interactive guide present insights on effective programs and practices that can be adopted and adapted by institutions, departments, and individual faculty members.

Entering its 6th edition, Physician Assistant: A Guide to Clinical Practice is the only text that covers all aspects of the physician assistant profession, the PA curriculum, and the PA's role in clinical practice. It is designed as a highly visual and practical resource to be used across the spectrum of lifelong learning, enabling students and practicing PAs to thrive in a rapidly changing health care system. Teaches how to prepare for each core clinical rotation and common electives, as well as how to work with atypical patient populations such as homeless patients and patients with disabilities. A succinct, bulleted writing style; convenient tables; practical case studies; and clinical application questions throughout enable you to master key concepts and clinical applications. Helps you master all the core competencies needed for certification or recertification. Addresses all six Physician Assistant Competencies, as well as providing guidance for the newly graduated PA entering practice. Includes quick-use resources, such as objectives and key points sections for each chapter, tip boxes with useful advice, abundant tables and images, and 134 updated case studies. Features chapters for the 7 core clinical rotations and 5 common electives, with key guidance on how to prepare effectively and what to expect. Provides updated health policy information, expanded information about international programs, cultural competencies, and pearls and pitfalls on working internationally as a PA. Outlines the basic principles of Interprofessional Education – an important new trend in medical education nationally. New chapters cover: Maximizing Your Education, Future of the Profession, Principles of PA Education, Managing Stress and Burnout, and many other topics.

During the past years there has been rapid progress in the understanding of how early life stress impacts psychopathology in children. The first two parts of this book present the basic principles of brain development and describe the most important neuronal systems. This includes systems involved in emotion processing, cognitive control, and social processes. These first two general sections are followed by an overview about recent research on various neuronal and psychiatric disorders, where environmental exposures and altered brain development play an important role: sleep, autism, ADHD and other developmental forms of psychopathology.

Encyclopedia of Dietary Supplements presents peer-reviewed, objective entries that rigorously examine the most significant scientific research on basic chemical, preclinical, and clinical data. Designed for healthcare professionals, researchers, and health-conscious consumers, it presents evidence-based information on the major vitamin and mineral micronutrients, herbs, botanicals, phytochemicals, and other bioactive preparations. Supplements covered include: Vitamins, beta-carotene, niacin, and folate Omega-3 and omega-6 fatty acids, isoflavones, and quercetin Calcium, copper, iron, and phosphorus 5-hydroxytryptophan, glutamine, and L-arginine St. John's Wort, ginkgo biloba, green tea, kava, and noni Androstenedione, DHEA, and melatonin Coenzyme Q10 and S-adenosylmethionine Shiitake, maitake, reishi, and cordiceps With nearly 100 entries contributed by renowned subject-specific experts, the book serves as a scientific checkpoint for the many OTC supplements carried in today's nutritional products marketplace. Also Available Online This Taylor & Francis encyclopedia is also available through online subscription, offering a variety of extra benefits for researchers, students, and librarians, including: ? Citation tracking and alerts ? Active reference linking ? Saved searches and marked lists ? HTML and PDF format options Contact Taylor and Francis for more information or to inquire about subscription options and print/online combination packages. US: (Tel) 1.888.318.2367; (E-mail) e-reference@taylorandfrancis.com International: (Tel) +44 (0) 20 7017 6062; (E-mail) online.sales@tandf.co.uk

This concise manual deftly guides students through the process of writing argumentative, exegetical, and expository essays. With a clear and engaging style, this second Canadian edition incorporates samples of student writing and an abundance of examples carefully chosen to resonate with post-secondary students, making it the ideal resource for any philosophy course.

This book is a printed edition of the Special Issue "Dietary Supplements" that was published in Nutrients

In the first in-depth study of the transcendental argument for decades, Free Will and Epistemology defends a modern version of the famous transcendental argument for free will: that we could not be justified in undermining a strong notion of free will, as a strong notion of free will is required for any such process of undermining to be itself epistemically justified. By arguing for a conception of internalism that goes back to the early days of the internalist-externalist debates, it draws on work by Richard Foley, William Alston and Alvin Plantinga to explain the importance of epistemic deontology and its role in the transcendental argument. It expands on the principle that 'ought' implies 'can' and presents a strong case for a form of self-determination. With references to cases in the neuroscientific and cognitive-psychological literature, Free Will and Epistemology provides an original contribution to work on epistemic justification and the free will debate.

Biomedical Ethics: A Canadian Focus offers a detailed, engaging examination of issues and debates encompassing biomedical ethics. Using many Canadian cases and examples, ethical issues are explored in the context of our health care system. Debates include patient autonomy, confidentiality, morality, and genetic engineering, as well other topics related to modern health care. Over one hundred renowned case studies and articles are included, ranging from early eugenics programs to modern genetic testing, giving students valuable insights into biomedical ethics in Canada.

Addresses misrepresentations of Foucault's work within feminist philosophy and disability studies, offering a new feminist philosophy of disability

Covers the entire spectrum of psychology, including: notable people, theories and terms; landmark case studies and experiments; applications of psychology in advertising, medicine and sports; and career information.

Kirkus Reviews called *Splatterpunk* "an authoritative and intelligent collection for horror fans willing to go all the way". Now, this second volume of taboo-shattering horror stories and essays goes beyond the limits of convention--into the darkest corners of the human soul.

A brief philosophical introduction to the most important ethical questions and arguments in six areas of biomedicine. The topics cover both perennial ethical issues in medicine and recent and emerging ethical issues in scientific innovation and capture the historical, contemporary and future-oriented flavour of these areas.

Management Principles for Health Professionals is a practical guide for new or future practicing healthcare managers. The customary activities of the manager—planning, organizing, decision making, staffing, motivating, and budgeting—are succinctly defined, explained, and presented with detailed examples drawn from a variety of health care settings. Students will learn proven management concepts, techniques, models, and tools for managing individuals or teams with skill and ease. The Sixth Edition is loaded with all-new examples from real-world healthcare settings and covers many current topics such as: ? Emerging implications of the Patient Protection and Affordable Care Act of 2010. ? A template to track the areas of impact of this major law is presented; this enables a manager to identify the topics to monitor and to prepare responses to changes as they unfold. ? Developments concerning electronic health record initiatives ? Adapting and revitalizing one's career; ? Information concerning various staffing alternatives such as outsourcing and telecommuting, and updates the material concerning job descriptions and their application. New material has been added in the section on consultant's contracts and reports. ? Patient privacy and the detection and prevention of medical identity theft, and much more.

Now in its third edition, *Bioethics in Canada: A Philosophical Introduction* offers a comprehensive overview of the philosophical, historical, and medical concepts shaping contemporary debates on biomedical issues. The text opens with an introduction to moral theory and bioethical principles, followed by application of these theories and principles to real world ethical conflicts involving abortion, distributive justice, genetics, reproductive technology, and other vital topics. A landmark case opens each chapter, illuminating the many issues involved in these debates, as well as the philosophical assumptions that shape them. Thoroughly updated to reflect recent political, medical, and cultural changes, this third edition features new sections on Medical Assistance in Dying (MAiD), the moral philosophy of liberalism in bioethics, the Mad movement, CRISPR and gene editing, and expanded content on mental health, rural and remote communities, and codes of conduct and codes of ethics. Accessibly written with newly added case studies in the health care workplace, this text is an insightful resource for courses in the disciplines of philosophy, health studies, medicine, and nursing, providing a strong ethical foundation in an ever-changing field.

Noted theorists and scholars explore the historical and contemporary theories that are the foundation of nursing today. The 3rd Edition of this highly praised book meets the needs of today's students with a new focus on the models that define the best outcomes and provide the evidence that supports nursing practice. For each theory, you'll find an introduction to the theorist, a description of the theory's role as a model for nursing practice, and an examination of its application in clinical practice. Readers will understand how the theory has been used in the past and evaluate it as a model for clinical practice.

The definitive "bible" for the field of biomedical engineering, this collection of volumes is a major reference for all practicing biomedical engineers and students. Now in its fourth edition, this work presents a substantial revision, with all sections updated to offer the latest research findings. New sections address drugs and devices, personali

President Eisenhower, who was not always the best student, once wrote, "One cannot always read a man's future in the record of his younger days." Indeed, this review of the classroom experiences of presidents and first ladies from George and Martha Washington to Barack and Michelle Obama reveals that few made model students. Teachers reported that John F. Kennedy could "seldom locate his possessions," found George H.W. Bush "somewhat eccentric," and dubbed a sixth-grade Bill Clinton "a motormouth." In addition to chronicling the school days of these historic figures, this volume also relates their teaching experiences, the educational issues they addressed during their White House years, and intricacies of education at their time in history, providing an informative overview of American schooling over time.

The authors of this book are searching for a language common to both mind and brain. This language will develop through innovative clinical activity and our reflections upon it.

Known as the bible of biomedical engineering, *The Biomedical Engineering Handbook, Fourth Edition*, sets the standard against which all other references of this nature are measured. As such, it has served as a major resource for both skilled professionals and novices to biomedical engineering. *Molecular, Cellular, and Tissue Engineering*, the fourth volume of the handbook, presents material from respected scientists with diverse backgrounds in molecular biology, transport phenomena, physiological modeling, tissue engineering, stem cells, drug delivery systems, artificial organs, and personalized medicine. More than three dozen specific topics are examined, including DNA vaccines, biomimetic systems, cardiovascular dynamics, biomaterial scaffolds, cell mechanobiology, synthetic biomaterials, pluripotent stem cells, hematopoietic stem cells, mesenchymal stem cells, nanobiomaterials for tissue engineering, biomedical imaging of engineered tissues, gene therapy, noninvasive targeted protein and peptide drug delivery, cardiac valve prostheses, blood substitutes, artificial skin, molecular diagnostics in personalized medicine, and bioethics.

A balanced collection of readings that examine the diversity of opinion surrounding current issues in biomedical ethics. This anthology focuses largely on the Canadian perspective, covering the political and social aspects of Canadian access to health care and the distinct nature of Canadian legislation. Nevertheless, it also includes articles from other countries to reflect the general field of bioethics.

First published in 2000. Routledge is an imprint of Taylor & Francis, an informa company.

Seven years after first contact, *Providence Five* launches. An enormous warship, built to protect humanity, it has a crew of four. Gilly, Talia, Anders, and Jackson will be confined to the ship for years, monitoring the AI-powered ship and reporting the war's progress to a global audience by way of social media. When their communications are cut, their ship

becomes decreasingly trustworthy. To survive, they must win a fight that is suddenly and terrifyingly real. -- adapted from jacket

This textbook offers Canadian nursing students a current, research-based understanding of theory and development aimed at professional nursing competencies. It provides leadership insights rich in self-reflection to serve as the foundation for the development of the knowledge, competencies, and positive attitudes required for leadership. The authors provide an overview of the knowledge base and set of competencies required of a nurse manager to deliver effective clinical health services. This textbook will ensure that future nurse leaders are proficient in the leadership practices they will need to meet the challenges of technological development and rapid restructuring of the healthcare delivery system. The book will also prepare the nursing student to challenge the Canadian Registered Nurse Examination (CRNE).

In this new addition to the 'Debating Law' series, Emily Jackson and John Keown re-examine the legal and ethical aspects of the euthanasia debate. Emily Jackson argues that we owe it to everyone in society to do all that we can to ensure that they experience a 'good death'. For a small minority of patients who experience intolerable and unrelievable suffering, this may mean helping them to have an assisted death. In a liberal society, where people's moral views differ, we should not force individuals to experience deaths they find intolerable. This is not an argument in favour of dying. On the contrary, Jackson argues that legalisation could extend and enhance the lives of people whose present fear of the dying process causes them overwhelming distress. John Keown argues that voluntary euthanasia and physician-assisted suicide are gravely unethical and he defends their continued prohibition by law. He analyses the main arguments for relaxation of the law - including those which invoke the experience of jurisdictions which permit these practices - and finds them wanting. Relaxing the law would, he concludes, be both wrong in principle and dangerous in practice, not least for the dying, the disabled and the disadvantaged.

Dr. Richard Polin's Neonatology Questions and Controversies series highlights the most challenging aspects of neonatal care, offering trustworthy guidance on up-to-date diagnostic and treatment options in the field. In each volume, renowned experts address the clinical problems of greatest concern to today's practitioners, helping you handle difficult practice issues and provide optimal, evidence-based care to every patient. Stay fully up to date in this fast-changing field with Gastroenterology and Nutrition, 3rd Edition. Emerging knowledge about the basic developmental physiology of upper intestinal motility as it relates to reflux and feeding tolerance, and immaturities in motility by altering composition of feedings and pharmacologic means. New content on genetics and pharmacology, the role of inflammation in systemic diseases in other organs as well as necrotizing enterocolitis, optimizing administration of lipids to preterm infants, and administering lipids to infants who are at high risk for complications secondary to suboptimal lipid therapies. Current coverage of the composition of human milk and clinical trials that address the efficacy of donor milk in comparison to formula and own mother's milk. Consistent chapter organization to help you find information quickly and easily. The most authoritative advice available from world-class neonatologists who share their knowledge of new trends and developments in neonatal care. Purchase each volume individually, or get the entire 7-volume set! Gastroenterology and Nutrition Hematology, Immunology and Genetics Hemodynamics and Cardiology Infectious Disease and Pharmacology New Volume! Nephrology and Fluid/Electrolyte Physiology Neurology The Newborn Lung

The field's most complete and authoritative reference, updated and expanded Developmental Psychopathology is the most complete and up to date reference in the field, with contributions by leading researchers and clinicians from a broad array of disciplines, specialties, and perspectives. Edited by Dante Cicchetti, the McKnight Presidential Chair of Child Psychology in the Institute of Child Development and in the Department of Psychiatry, University of Minnesota, this new third edition has had a fourth volume added to reflect the growing body of knowledge that has been gained in the decade since the publication of the second edition. The increased emphasis on a multilevel, dynamic systems approach, and the latest neurobiological findings are explored alongside recent work and theories in epigenetics, neural plasticity, resilience, social and environmental influences, and more. From a lifespan-based perspective, this book examines the current level of understanding surrounding the development of mental disorders, as well as the mechanisms and processes that drive either their development or avoidance in high-risk individuals. The previous edition of Developmental Psychopathology has served as an important resource for scientists and researchers working to increase our understanding of mental disorder development, prevention, and intervention. This new edition seeks to expand its usefulness by incorporating an even greater body of work that, together, represents the state of developmental psychopathology today. Examine the latest methodologies and theoretical perspectives Learn how neurobiological development affects normality Gain insight on the lifespan effects of high-risk conditions Explore the interplay between genetic and environmental factors Developmental psychology has seen many important new advances in the past decade, but there is still much work to be done. As an ever-expanding variety of disciplines become more and more relevant to advancing our understanding of mental disorders, a central compilation of watershed work becomes increasingly important. Developmental Psychopathology is the seminal reference researchers and clinicians need to stay up-to-date and push the boundaries of our understanding. This reference is available in print and in e-reference form (ISBN: 1119125553 9781119125556).

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