

American Journal Of Pharmaceutical Education Crcnetbase

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Trace the development of a pioneering college of pharmacy! This fascinating book recounts the history of the first college of pharmacy west of the Alleghenies. Pharmaceutical Education in the Queen City tells the tale from its beginnings as the Cincinnati College of Pharmacy in 1850 to its status as a college of the University of Cincinnati and into the twenty-first century. Through the specific history of the school, its founders, and its dedicated faculty and students, the remarkable progress of pharmacy as a profession is mirrored here. In the mid-nineteenth century, most aspiring pharmacists in the United States had to apprentice themselves to practicing druggists. Though a formal school had already been established in Philadelphia, followed by schools in the other large eastern cities, young men in the West who wanted to learn the profession faced great difficulties. Few pharmacists had any formal training in chemistry, anatomy, or other sciences, and they could not teach what they did not themselves know. Pharmaceutical Education in the Queen City discusses the fascinating facts of pharmacy history, including: the influence of German settlers on pharmacy standards the reasons nineteenth-century women faced less opposition in becoming pharmacists than in becoming doctors how admissions standards changed as high school diplomas and college degrees became more widespread how colleges of pharmacy met the emergency demands of World War I and World War II the effects of high technology on pharmacy education Pharmaceutical Education in the Queen City offers a fresh look at the history of pharmacy education in the United States as well as in Cincinnati. Well researched and entertainingly written, this book will help you appreciate the rapid changes in the profession of pharmacy.

The Encyclopedia of Clinical Pharmacy is a valuable resource for today's clinical pharmacist and pharmacotherapist. Over 200 researchers and practitioners provide ready access to more than 5,000 primary literature citations and hard-to-find research on: Gene therapy Health service delivery models Best practices documents Pharmaceutical software development Legal controversies, ethical issues, and court rulings Drug dosing and electronic prescription Post-marketing surveillance Generic equivalency Quality management procedures Educational and training programs Compiling expertise and recommendations from the American College of Clinical Pharmacy and the American Society of Health-System Pharmacists, the Encyclopedia unravels the increasing complexity of pharmacotherapy, the problems of medication-related morbidity and mortality, and the impact that clinically empowered pharmacists have on assuring safe and effective pharmaceutical care for patients. 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

Intended for people interested in biotechnology education, research, and training.

Get the experts' perspective on the top journals of the 20th century! The Journals of the Century project gathered some of America's top subject expert librarians to determine the most influential journals in their respective fields. Thirty-two contributing authors—led by Editor Tony Stankus—reviewed journals from over 20 countries that have successfully shaped the evolution of their individual specialties worldwide. Their choices reflect the history of each discipline or profession, taking into account rivalries between universities, professional societies, for-profit and not-for-profit publishers, and even nation-states and international ideologies, in each journal's quest for reputational dominance. Each journal was judged using criteria such as longevity of publication, foresight in carving out its niche, ability to attract & sustain professional or academic affiliations, opinion leadership or agenda-setting power, and ongoing criticality to the study or practice of their field. Journals of the Century presents wholly independent reviewers; none are in the employ of any publisher, but each is fully credentialed and well published, and many are award-winners. The authors guide college and professional school librarians on limited budgets via an exposition of their analytical and critical winnowing process in determining the classic resources for their faculty, students, and working professional clientele. The chapters are logically grouped together in six clusters that reflect the commonly shared interests of library liaisons and the range of like-minded academic departments they typically serve. These clusters include: The Helping Professionals (chapters on social work, education, psychology, sociology, and library and information sciences) Music, Museums, and Methodists (chapters on visual arts, anthropology, archaeology, philosophy, and the American religious experience) Business and Law (chapters on business and economics, plus legal literature) War and Peace (chapters on modern history, political science and international relations, and military affairs) Physical Sciences and Engineering (chapters on mathematics and the physical sciences as well as engineering and computer science) Life, Health, and Agriculture (chapters on medicine and surgery, pharmacy, physical therapy and nutrition, agriculture, and veterinary medicine) Journals of the Century answers questions such as: Which university press leads in high-ranking titles in the helping professions? In what crime-fighting journal, ironically mentioned within the Music, Museums, and Methodists cluster, do anthropologists routinely publish? What two journals cover the biggest yearly expense of most working Americans and rank highly within both chapters of the Business and Law cluster? What family of British publications has remained indispensable reading for political and military readers for over a century in the War and Peace Cluster? What society in the Physical Sciences and Engineering cluster publishes more journals than any other publisher in this book, covering topics from light bulbs and computers to MRIs and windmills? What one-word-titled journal has joined the venerable pair of Nature and Science as the most important reporters of world-class breakthroughs in basic biomedical science? and many, many more! Journals of the Century includes extensive commentaries on each cluster by the editor, with graphical representations by world regions and publishing sectors contributing to each chapter. ISSN numbers for print editions, and URL addresses for online editions are provided in a comprehensive title index. This unique book is an essential resource for serials librarians in academia, new reference librarians familiarizing themselves with classic titles, and collection evaluators and college accreditation examiners.

Issues in Education by Subject, Profession, and Vocation: 2012 Edition is a ScholarlyEditions™ eBook that delivers timely, authoritative, and comprehensive information about Language Learning. The editors have built Issues in Education by Subject, Profession, and Vocation: 2012 Edition on the vast information databases of ScholarlyNews.™ You can expect the information about Language Learning in this eBook to be deeper than what you can access anywhere else, as well as consistently reliable, authoritative, informed, and relevant. The content of Issues in Education by Subject, Profession, and Vocation: 2012 Edition has been produced by the world's leading scientists, engineers, analysts, research institutions, and companies. All of the content is from peer-reviewed sources, and all of it is written, assembled, and edited by the editors at ScholarlyEditions™ and available exclusively from us. You now have a source you can cite with authority, confidence, and credibility. More information is available at <http://www.ScholarlyEditions.com/>.

Pharmacogenomics: Challenges and Opportunities in Therapeutic Implementation, Second Edition, provides comprehensive coverage of the challenges and opportunities facing the therapeutic implications of pharmacogenomics from academic, regulatory, pharmaceutical, socio-ethical and economic perspectives. While emphasis is on the limitations in moving the science into drug development and direct therapeutic applications, this book also focuses on clinical areas with successful applications and important initiatives that have the ability to further advance the discipline. New chapters cover important topics such as pharmacogenomic data technologies, clinical testing strategies, cost-effectiveness, and pharmacogenomic education and practice guidelines. The importance of ethnicity is also discussed,

which highlights pharmacogenomic diversity across Latin American populations. With chapters written by interdisciplinary experts and insights into the future direction of the field, this book is an indispensable resource for academic and industry scientists, graduate students and clinicians engaged in pharmacogenomics research and therapeutic implementation. Provides viewpoints that focus on the scientific and translational challenges and opportunities associated with advancing the field of pharmacogenomics Highlights progress in both the research and clinical areas of pharmacogenomics, as well as relevant implementation experience, challenges, and perspectives on direct-to-consumer genetic testing Includes, where applicable, discussion points, review questions, and cases for self-assessment purposes and to facilitate in-depth discussion

Unity in Diversity and the Standardisation of Clinical Pharmacy Services represents the proceedings of the 17th Asian Conference on Clinical Pharmacy (ACCP 2017), held 28—30 July 2017 in Yogyakarta, Indonesia. The primary aim of ACCP 2017 was to bring together experts from all fields of clinical pharmacy to facilitate the discussion and exchange of research ideas and results. The conference provided a forum for the dissemination of knowledge and exchange of experiences. As such, it brought together clinical pharmacy scholars, pharmacy practitioners, policy makers and stakeholders from all areas of pharmacy society and all regions of the world to share their research, knowledge, experiences, concepts, examples of good practice, and critical analysis with their international peers. This year also marks the celebration of 20 years of ACCP. Central themes of the conference and contributed papers were Clinical Pharmacy, Social and Administrative Pharmacy, Pharmacy Education, Pharmacoeconomics, Pharmacoepidemiology, Complementary and Alternative Medicine (CAM) and a number of related topics in the field of Pharmacy.

Get an inside look at the lives of military and civilian pharmacists during wartime! Pharmacy in World War II is a comprehensive history of American pharmacy, both in the military and on the home front, from 1941 to 1945. The book provides a unique insight into the profession, the practice, and its practitioners through the memories of those who served as pharmacist mates, corpsmen, or civilian pharmacists. Through accounts recorded in publications, stored in archives, or told first-hand, you'll learn about the fight to establish an Army Pharmacy Corps, the work of the Selective Service committees to preserve an adequate pool of pharmacists for civilian practice, the bond drives that would buy hospital airplanes and trains, and a great deal more. Pharmacy in World War II also looks at the organizational, economic, educational, professional, and societal issues that molded pharmacy during a watershed in modern American history. Author Dennis B. Worthen, editor-in-chief of Haworth's Pharmaceutical Heritage book series, compiled a database of more than 11,000 pharmacists, pharmacy students, and veterans in pharmacy school during wartime as part of the "Memories Project" that recalls the activities of the professional, trade, and educational institutions of pharmacy, their goals and development, and their interactions, agreements, and differences. The book examines the fight for an Army Pharmacy Corps, shortages and rationing on the home front, manpower shortages, the impact of the Selective Service, and the prevalent attitude in the military that pharmacy was a business, not a learned profession, and that pharmaceutical services could be learned with 90 days of training. Pharmacy in World War II includes memories of: pharmacy in the pre-World War II years pharmacy education the Selective Service the drugstore's role in the war effort the Pharmacy Corps returning veterans The book also includes photographs and images as well as appendices listing colleges and schools of pharmacy, Selective Service pharmacy advisory committees, pharmacy organizations and leaders, extracts from Army medical departments supply catalogs, and pharmacists and pharmacy students who died in the war. Pharmacy in World War II is an invaluable document for pharmacy students, practitioners, and educators, and for students of American history.

The outbreak of the Coronavirus in early 2020 resulted in unprecedented changes to health professions education. The pervasive stay-at-home orders resulted in faculty, who were trained for preparing the next generation of health professionals in a traditional learning environment, throwing out their lesson plans and starting anew. New approaches to teaching and learning were created quickly, and without the typical extensive planning, which introduced several challenges. However, lessons learned from these approaches have also resulted in increased technology adoption, innovative assessment strategies, and increased creativity in the learning environment. The Handbook of Research on Updating and Innovating Health Professions Education: Post-Pandemic Perspectives explores the various teaching and learning strategies utilized during the pandemic and the innovative approaches implemented to evaluate student learning outcomes and best practices in non-traditional academic situations and environments. The chapters focus specifically on lessons learned and best practices in health professions education and the innovative and exciting changes that occurred particularly with the adoption and implementation of technology. It provides resources and strategies that can be implemented into the current educational environments and into the future. This book is ideal for inservice and preservice teachers, administrators, teacher educators, practitioners, medical trainers, medical professionals, researchers, academicians, and students interested in curriculum, course design, development of policies and procedures within academic programs, and the identification of best practices in health professions education.

Pharmacy Education in the Twenty First Century and Beyond: Global Achievements and Challenges offers a complete reference on global pharmacy education, along with a detailed discussion of future issues and solutions. This book begins with a brief overview of the history of pharmacy education, covering all levels of education and styles of learning, from undergraduate, continuing professional education, and methods for self-learning and development. Teaching strategies such as team-based learning, problem-based learning and interdisciplinary education are also described and compared to conclude why certain pharmacy programs attract students, and why educators prefer particular teaching strategies, assessment tools and learning styles. As a result, this book provides pharmacy educators, administrators, students and practitioners with a comprehensive guide to pharmacy education that will enable readers to choose the best approaches to improve, reform or select a program based on worldwide experience and the latest available evidence and research. Describes and discusses the advantages and disadvantages associated with different types of pharmacy curricula, degree programs, styles of learning, teaching strategies, and more Edited and written by a team of authors to provide diverse global experiences and insights into what factors make a program attractive and successful Covers important topics in pharmacy education, such as quality and accreditation issues, the business of pharmacy education, leadership and similarities

The Institute of Medicine study Crossing the Quality Chasm (2001) recommended that an interdisciplinary summit be held to further reform of health professions education in order to enhance quality and patient safety. Health Professions Education: A Bridge to Quality is the follow up to that summit, held in June 2002, where 150 participants across disciplines and occupations developed ideas about how to integrate a core set of competencies into health professions education. These core competencies include patient-centered care, interdisciplinary teams, evidence-based practice, quality improvement, and informatics. This book recommends a mix of approaches to health education improvement, including those related to oversight processes, the training environment, research, public reporting, and leadership. Educators, administrators, and health professionals can use this book to help achieve an approach to education that better prepares clinicians to meet both the needs of patients and the requirements of a changing health care system.

This text provides the theory and practice for conducting pharmaceutical policy research. It covers all aspects of scientific research from conceptualising to statistical analysis. It also provides scientific basis and a good understanding of the principles and practice of conducting pharmaceutical policy research.--[Source inconnue].

Public health & pharmacy in the United States / Bruce Lubotsky Levin, Ardis Hanson, Peter D. Hurd -- Framing public health & pharmacy / Ardis Hanson, Bruce Lubotsky Levin, Peter D. Hurd -- Global health / Ardis Hanson, Peter D. Hurd, Bruce Lubotsky Levin -- Epidemiology / Ardis Hanson, Bruce Lubotsky Levin -- Disease prevention and health promotion / Peter D. Hurd, Justinne Guyton, Ardis Hanson --

Cultural perspectives in public health / Barry A. Bleidt, Carmita A. Coleman, Peter D. Hurd -- Pharmacists' roles in the increase of health literacy among patients / Barry A. Bleidt, Carmita A. Coleman, Silvia E. Rabionet, Peter D. Hurd -- Behavioral health / Ardis Hanson, Carol A. Ott, Bruce Lubotsky Levin -- Public health nutrition / Lauri Wright, Melody Chavez -- Financing & insurance / Samuel H. Zuvekas, Earle Buddy Lingle, Ardis Hanson, Bruce Lubotsky Levin -- Pharmacoeconomics / Scott K. Griggs, Peter D. Hurd -- Evidence-based practice, public health, and pharmacy / Patrick J. Bryant, Peter D. Hurd, Ardis Hanson -- Informatics / Ardis Hanson, Bruce Lubotsky Levin, Aimon Miranda -- Emergency preparedness / Peter D. Hurd, Stephanie Lukas, Ardis Hanson -- Education & training / Angela S. Garcia, Daniel Forrister, Krystal Bullers, Peter D. Hurd

"Many famous women, and many more unknown and forgotten, have been before me, making the path smooth, and regulating my steps." -Virginia Woolf As a woman pharmacist, the author agrees wholeheartedly with the above statement. Her new book *American Women Pharmacists: Contributions to the Profession* names the pioneering women in the field and discusses the roles that women--both famous and unknown--have played in the field of pharmacy. This unique book consolidates information from a wide variety of sources into a single reference on women in pharmacy. Beginning with the early colonial days and extending to the present, this well-referenced volume examines the role of women in pharmacy. It illustrates the many (often heretofore untold) accomplishments of these women, looks at women pharmacists in relation to other women of their time, and analyzes the factors that influenced their roles. *American Women Pharmacists: Contributions to the Profession* discusses the increasing presence of these women in their field and the important roles they played. *American Women Pharmacists: Contributions to the Profession* also provides you with: tables that provide easy access to information on pharmacy organizations and pharmacy education appendixes that name women graduates and faculty members of pharmaceutical colleges, prominent women in the field, Grand Presidents of pharmaceutical organizations and fraternities, and awards given by those concerns an extensive bibliography to help you find additional information information about what happened to women in the field during and following the Civil War, World War I, the Great Depression, and World War II a look at the formation of the first professional sorority for women in pharmacy, Lambda Kappa Sigma, in 1913 . . . and much more! At the end of the twentieth century, women pharmacists comprise nearly half of the profession. Serving in every capacity, including clinical, research, educational, and leadership roles, women have arrived at an equal partnership level with their male counterparts. *American Women Pharmacists: Contributions to the Profession* is the story of their ascension into the ranks of respected professionals in the field.

Covering everything from ancient herbs to cutting-edge chemicals, examines the most important moments in the development of pharmaceuticals and includes discussions of vaccines, homeopathic cures, and controversial treatments.

This is an introductory statistics book designed to provide scientists with practical information needed to apply the most common statistical tests to laboratory research data. The book is designed to be practical and applicable, so only minimal information is devoted to theory or equations. Emphasis is placed on the underlying principles for effective data analysis and survey the statistical tests. It is of special value for scientists who have access to Minitab software. Examples are provides for all the statistical tests and explanation of the interpretation of these results presented with Minitab (similar to results for any common software package). The book is specifically designed to contribute to the AAPS series on advances in the pharmaceutical sciences. It benefits professional scientists or graduate students who have not had a formal statistics class, who had bad experiences in such classes, or who just fear/don't understand statistics. Chapter 1 focuses on terminology and essential elements of statistical testing. Statistics is often complicated by synonyms and this chapter established the terms used in the book and how rudiments interact to create statistical tests. Chapter 2 discussed descriptive statistics that are used to organize and summarize sample results. Chapter 3 discussed basic assumptions of probability, characteristics of a normal distribution, alternative approaches for non-normal distributions and introduces the topic of making inferences about a larger population based on a small sample from that population. Chapter 4 discussed hypothesis testing where computer output is interpreted and decisions are made regarding statistical significance. This chapter also deal with the determination of appropriate sample sizes. The next three chapters focus on tests that make decisions about a population base on a small subset of information. Chapter 5 looks at statistical tests that evaluate where a significant difference exists. In Chapter 6 the tests try to determine the extent and importance of relationships. In contrast to fifth chapter, Chapter 7 presents tests that evaluate the equivalence, not the difference between levels being tested. The last chapter deals with potential outlier or aberrant values and how to statistically determine if they should be removed from the sample data. Each statistical test presented includes an example problem with the resultant software output and how to interpret the results. Minimal time is spent on the mathematical calculations or theory. For those interested in the associated equations, supplemental figures are presented for each test with respective formulas. In addition, Appendix D presents the equations and proof for every output result for the various examples. Examples and results from the appropriate statistical results are displayed using Minitab 18. In addition to the results, the required steps to analyze data using Minitab are presented with the examples for those having access to this software.

Numerous other software packages are available, including based data analysis with Excel.

Issues in Education by Subject, Profession, and Vocation: 2011 Edition is a ScholarlyEditions™ eBook that delivers timely, authoritative, and comprehensive information about Education by Subject, Profession, and Vocation. The editors have built *Issues in Education by Subject, Profession, and Vocation: 2011 Edition* on the vast information databases of ScholarlyNews.™ You can expect the information about Education by Subject, Profession, and Vocation in this eBook to be deeper than what you can access anywhere else, as well as consistently reliable, authoritative, informed, and relevant. The content of *Issues in Education by Subject, Profession, and Vocation: 2011 Edition* has been produced by the world's leading scientists, engineers, analysts, research institutions, and companies. All of the content is from peer-reviewed sources, and all of it is written, assembled, and edited by the editors at ScholarlyEditions™ and available exclusively from us. You now have a source you can cite with authority, confidence, and credibility. More information is available at <http://www.ScholarlyEditions.com/>.

Written by leaders and experts in hospital and health-system practices and published by ASHP, the voice of the health-system pharmacy profession, *Introduction to Hospital and*

Health-System Pharmacy Practice is required reading for students and practitioners alike. It's a comprehensive manual for institutional pharmacy: legal and regulatory issues, medication safety, informatics, and more. Straightforward definitions and clear explanations provide a basic foundation for on-the-job training in hospitals and health-systems. It's the only introductory textbook available in institutional pharmacy practice. This practical guide offers a highly readable introduction to key areas of pharmacy practice, including: Managing medication use Managing medication distribution Using technology in health systems Budgeting & finance responsibilities Administering and prepping sterile products Managing people Training options for careers Each chapter presents learning objectives and answers the "so what?" so common among student questions. Chapter reviews, discussion guidelines, key word definitions and interactive exercises augment the learning process. Written by hospital pharmacists for future hospital pharmacists, it's everything important you need to know from the name you trust. For additional product resources about this publication, visit www.ashp.org/pharmacypractice

Managing the Drug Discovery Process: How to Make It More Efficient and Cost-Effective thoroughly examines the current state of pharmaceutical research and development by providing chemistry-based perspectives on biomedical research, drug hunting and innovation. The book also considers the interplay of stakeholders, consumers, and the drug firm with attendant factors, including those that are technical, legal, economic, demographic, political, social, ecological, and infrastructural. Since drug research can be a high-risk, high-payoff industry, it is important to researchers to effectively and strategically manage the drug discovery process. This book takes a closer look at increasing pre-approval costs for new drugs and examines not only why these increases occur, but also how they can be overcome to ensure a robust pharmacoeconomic future. Written in an engaging manner and including memorable insights, this book is aimed at redirecting the drug discovery process to make it more efficient and cost-effective in order to achieve the goal of saving countless more lives through science. A valuable and compelling resource, this is a must-read for all students and researchers in academia and the pharmaceutical industry. Considers drug discovery in multiple R&D venues, including big pharma, large biotech, start-up ventures, academia, and nonprofit research institutes Analyzes the organization of pharmaceutical R&D, taking into account human resources considerations like recruitment and configuration, management of discovery and development processes, and the coordination of internal research within, and beyond, the organization, including outsourced work Presents a consistent, well-connected, and logical dialogue that readers will find both comprehensive and approachable

Provides a concise yet detailed resource covering all aspects of pharmaceuticals, from the scientific fundamentals to the dosage forms and drug delivery systems to drug product analyses. Assists with integrating the science of pharmacy into practice. Chapters from the original parent text Remington: The Science and Practice of Pharmacy 22nd edition were specifically selected to create this new edition. The text pulls heavily from the Pharmaceutics and Pharmaceutical Dosage Forms sections. Various delivery systems and dosage forms are covered as well as parenterals, sterilization processes, and sterile compounding. One chapter addresses pharmaceutical excipients and another discusses pharmaceutical packaging. Pharmaceutical analysis, product characterization, quality control, stability, bioavailability, and dissolution are also covered. Fundamental scientific concepts including thermodynamics, ionic solutions and electrolyte equilibria, tonicity, chemical kinetics, rheology, complex formation and interfacial phenomenon are presented. The text also provides an introduction to pharmacokinetics and pharmacodynamics and the principles of absorption, distribution, metabolism and excretion. In addition, some introductory concepts on drug discovery and drug product approval as well as information resources in pharmacy and the pharmaceutical sciences are presented.

This book, first published in 2002, gathers some of America's top subject expert librarians to determine the most influential journals in their respective fields. 32 contributing authors reviewed journals from over twenty countries that have successfully shaped the evolution of their individual specialties worldwide. Their choices reflect the history of each discipline or profession, taking into account rivalries between universities, professional societies, for-profit and not-for-profit publishers, and even nation-states and international ideologies, in each journal's quest for reputational dominance. Each journal was judged using criteria such as longevity of publication, foresight in carving out its niche, ability to attract & sustain professional or academic affiliations, opinion leadership or agenda-setting power, and ongoing criticality to the study or practice of their field. The book presents wholly independent reviewers; none are in the employ of any publisher, but each is fully credentialed and well published, and many are award-winners. The authors guide college and professional school librarians on limited budgets via an exposition of their analytical and critical winnowing process in determining the classic resources for their faculty, students, and working professional clientele.

Pharmacy OSCEs is the only pharmacy-specific OSCE revision guide. This easy-to-use book covers the key competencies that will be tested during your Objective Structured Clinical Examinations whether you are still studying or in practice. Written in a concise and accessible way, all types of situations are covered from responding to a specific symptom to solving calculations. The scenarios read like tasks at an OSCE station and are accompanied by: (i) Learning objectives; (ii) Questions and answers; (iii) Feedback and revision points; (iv) Key references and further reading. The examples vary in complexity, ranging from early undergraduate years through to postgraduate. With over 70 practice scenarios, this book will support you throughout your training and ensure your best performance on the day of the exam.

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