Epidemiology Biostatistics Summer Internship Program

Review: "Now in its Fourth Edition, this best-selling text offers comprehensive coverage of all the major topics in introductory epidemiology. With extensive treatment of the heart of epidemiology - from study designs to descriptive epidemiology to quantitative measures - this reader-friendly text is accessible and interesting to a wide range of beginning students in all health-related disciplines. A unique focus is given to real-world applications of epidemiology and the development of skills that students can apply in subsequent course work and in the field. The text is also accompanied by a complete package of instructor and student resources available through a companion Web site."--Jacket

Graduate Programs in the Physical Sciences, Mathematics, Agricultural Sciences, the Environment & Natural Resources 2012 contains more than 2,900 graduate programs in 59 disciplines-including agriculture and food sciences, astronomy and astrophysics, chemistry, physics, mathematics, environmental sciences and management, natural resources, marine sciences, and more. This guide is part of Peterson's six-volume Annual Guides to Graduate Study, the only annually updated reference work of its kind, provides wide-ranging information on the graduate and professional programs offered by U.S.-accredited colleges and universities in the United States and throughout the world. Informative data profiles for more than 2,900 graduate programs in 59 disciplines, including facts and figures on accreditation, degree requirements, application deadlines and contact information, financial support, faculty, and student body profiles. Two-page in-depth descriptions, written by featured institutions, offer complete details on specific graduate programs, schools, or departments as well as information on faculty research and the college or university. Expert advice on the admissions process, financial support, and accrediting agencies. Comprehensive directories list programs in this volume, as well as others in the graduate series. Up-to-date appendixes list institutional changes since the last addition along with abbreviations used in the guide

The average age of the world’s population is increasing at an unprecedented rate and this increase is changing the world. This “Silver tsunami” emphasizes the need to provide advanced training in epidemiology and increase the cadre of experts in the study of aging. This book is designed to summarize unique methodological issues relevant to the study of aging, biomarkers of aging and the biology/physiology of aging and in-depth discussions of the etiology and epidemiology of common geriatric syndromes and diseases. Contributing authors in the book represent many disciplines, not only epidemiology and clinical geriatrics, but also demography, health services, research, cardiovascular disease, diabetes, psychiatry, neurology, social services, musculoskeletal diseases and cancer. The aim of the book is to provide a broad multidisciplinary background for any student/researcher interested in aging. The material in the book is organized and comprehensive. It represents the most up-to-date information on the scientific issues in aging research written by academics who specialize in research and training in the broad field of aging. The structure and organization of the book reflects our course series in the Epidemiology of Aging starting with the broad issues of demography and methodology, and then addressing specific health conditions and geriatric conditions common to older persons.

Patients are beginning to benefit from antibody based, cellular and vaccine approaches that are effective against genetically diverse and therapy-resistance cancers. BCG immunotherapy is now being used as a first line treatment for human bladder cancer and the introduction of prophylactic vaccination against Hepatitis B and HPV cancers is starting to show positive results. Following recent FDA approval for a vaccination against prostate cancer, and optimistic results in clinical trials for a vaccine targeting cancer antigens in lung cancer, cancer immunotherapy is now significantly impacting patient clinical management. Tumor Immunology and Immunotherapy provides an up-to-date and comprehensive account of cancer immunity and immunotherapy. It discusses our adaptive and innate immunity to cancer, the mechanisms underpinning our immune response, current approaches to cancer immunotherapy, and how tumour and host responses can circumvent effective anti-cancer immunity. The book examines recent results, publications and current areas of interest including 'immune editing' and the specific issues that are affecting the research and development of vaccines, providing insight into how these problems may be overcome, as viewed by world leaders in the field. Tumor Immunology and Immunotherapy will appeal to clinicians working in oncology and cancer immunotherapy, and research scientists including PhD and masters students, post-doctoral researchers and senior investigators.

Federal RegisterThe “People Power” Education Superbook: Book 23. Pay for College Guide (Student Loans, Scholarships, Grants, Military, Job, Start a Business)Lulu Press, Inc

Volume 2 of 2 - With more than 5,100 listings of grants programs from 1,880 sponsors, the Directory of Research Grants is a comprehensive directory of grants available to researchers in every field of study. The directory has a broad focus, featuring grants for basic research, equipment acquisition, building construction/renovation, fellowships, and 23 other program types. Government grants include CFDA, NSF and NIH program numbers. Each record includes grant title, description, requirements, amount, application deadline, contact information (phone, fax and email), web address, sponsor name and address, and samples of awarded grants (when available). Printed in two volumes, each with extensive indexes - subject, program type and geographic to help you to identify the right program quickly.

Cancer Epidemiology: Low- and Middle-Income Countries and Special Populations reviews the current status of cancer epidemiologic research and training - rationale, requisite infrastructure, methodologic principles, and illustrative examples in low- and middle-income countries - in order to facilitate future advances by trained health professionals.

Statistical science as organized in formal academic departments is relatively new. With a few exceptions, most Statistics and Biostatistics departments have been created within the past 60 years. This book consists of a set of memoirs, one for each department in the U.S. created by the mid-1960s. The memoirs describe key aspects of the department’s history -- its founding, its growth, key people in its development, success stories (such as major research accomplishments) and the occasional failure story, PhD graduates who have had a significant impact, its impact on statistical education, and a summary of where the department stands today and its vision for the future. Read here all about how departments such as at Berkeley, Chicago, Harvard, and Stanford started and how they got to where they are today. The book should also be of interests to scholars in the field of disciplinary history.

Young people want to go to college for the big social, coming of age experience but if you don’t come from a wealthy family, I say skip your fantasies of the college fun experience that you got from movies, get a job while you go to either a community college or take online courses for the first two years then attend a local college live in the flesh. When I was young, college was cheap and fun. I think the atmosphere has changed. It’s more expensive now. Pick a practical major then focus on getting that degree as quickly

as possible to start making money. You can focus on your artsy explorations anytime. It’s all about making money. Make a plan and stick to it. Chapter 1. Money for College Paying for College One-Liners Take as many lower division credits as possible from a community college or online where it's cheaper. All that employers will consider is the degree itself and the name of the institution that eventually grants the degree.

EPIDEMIOLOGISTS ARE SCIENTISTS who study diseases and other health risks within specific populations, such as geographical areas, cultures, occupations, demographic groups, or those who are genetically connected. They are "disease detectives," so-called because they are the investigators who discover how and where disease outbreaks start, then find ways to prevent them from spreading and recurring in the future. It is believed that the first epidemiologist was Hippocrates, who studied how the outbreaks of different diseases correlated with environmental factors in Ancient Greece. That was nearly 2500 years ago. Since then, epidemiologists have saved millions of lives. They prevented the return of the Black Plague, identified how AIDS was transmitted, and quickly put a stop to the recent outbreak of Ebola in the US. These are just a few historical examples. The types of diseases that epidemiologists study are vast, ranging from food poisoning, to "clusters" of children with cancer, to mad cow disease. The work of epidemiologists is based on intense research, which involves the collection of samples and data, and the application of statistical analysis. Much of it is accomplished in laboratories, but many of these professionals never set foot in a lab. Instead, they might be found in hospitals informing the medical staff of infectious outbreaks, or developing containment solutions for infections within the facility. Some work for pharmaceutical companies working on new drugs or monitoring vaccine development. Others may be out in epidemic ravaged communities, ensuring public safety as quarantine officers or investigating possible toxic agents in the environment. Still others are employed in the academic world, teaching and conducting research at universities. To do this work, epidemiologists must be good with numbers, particularly statistics, in order to collect and accurately analyze data. That skill is of primary importance, but there is plenty more to learn before entering this career. You should expect to spend about six years following high school acquiring a master's degree in public health (MPH) or a related field, such as health, biology, medicine, or statistics. When exploring an epidemiology career, you will find plenty of attractive features. For example, you will be generously compensated for your contribution to the public health of the world. The working conditions are generally excellent, the hours rarely include overtime, and travel is an option for those who want to experience other cultures. The future looks bright for future epidemiologists. The United States is placing a high priority on building up the nation's public health workforce. There are many questions that bright, energetic people are needed to help answer. What does this mean for you? It means that with a degree in public health, you will enjoy unparalleled job security and a career path filled with advancement opportunities. Best of all, you will be working in an exciting field that offers the personal and professional satisfaction of saving countless lives.

The purpose of the summer undergraduate internship program for research in environmental studies is to provide an opportunity for well-qualified students to undertake an original research project as an apprentice to an active research scientist in basic environmental research. Ten students from throughout the midwestern and eastern areas of the country were accepted into the program. These students selected projects in the areas of marine sciences, biostatistics and epidemiology, and toxicology. The research experience for all these students and their mentors was very positive. The seminars were well attended and the students showed their interest in the presentations and environmental sciences as a whole by presenting the speakers with thoughtful and intuitive questions. This report contains the research project written presentations prepared by the student interns.

Occupational Health Psychology (OHP) is a rapidly expanding interdisciplinary field that focuses on the science and practice of psychology in promoting anddeveloping workplace health- and safety-related initiatives. This comprehensive text for undergraduate and graduate survey courses is the first toencompass a wide range of key issues in OHP from a North American perspective. It draws from the domains of psychology, public health, preventive medicine,nursing, industrial engineering, law, and epidemiology to focus on the theory and practice of protecting and promoting the health, well-being, and safetyof individuals in the workplace and improving the quality of work life. The text addresses key psychosocial work issues that are often related to mental and physical health problems, including psychological distress, burnout,depression, accidental injury, obesity, and cardiovascular disease. It examines leadership styles as they impact organizational culture and providesspecific recommendations for reducing employee-related stress through improved leader practices. Also addressed is the relationship between adversepsychosocial working conditions and harmful health behaviors, along with interventions aimed at improving the work environment and maximizingeffectiveness. Additionally, the book discusses how scientists and practitioners in OHP conduct research and other important concerns such as workplaceviolence, work/life balance, and safety. The book reinforces learning with chapter objectives, highlight boxes containing intriguing examples of researchand current controversies, and chapter summaries. Key Features: Comprises the first comprehensive text on Occupational Health Psychology for undergraduate and graduate survey courses Covers key issues in health psychology in the workplace such as stress, violence, work/life balance, and safety Organized and written for easy access by students and faculty Provides specific recommendation for reducing employee stress Includes learning objectives, highlight boxes, and end-of-chapter summaries

Peterson's Graduate Programs in the Humanities, Arts & Social Sciences 2015 contains details on more than 11,000 graduate programs of study across all relevant disciplines-including the arts and architecture, communications and media, psychology and counseling, political science and international affairs, economics, and sociology, anthropology, archaeology, and more. Informative data profiles include facts and figures on accreditation, degree requirements, application deadlines and contact information, financial support, faculty, and student body profiles.

Two-page in-depth descriptions, written by featured institutions, offer complete details on specific graduate programs, schools, or departments as well as information on faculty research. Comprehensive directories list programs in this volume, as well as others in the graduate series.

This book is an easy-to-follow handbook that introduces readers to entry-level clinical job opportunities and explains how to qualify for them, with a particular emphasis on how to gain clinical experience that a hiring manager will accept. Each chapter covers one of the clinical specialties involved in conducting pharmaceutical clinical trials: for example, clinical research associate, clinical data manager, biostatistician, and clinical drug safety specialist. The chapters are written as personalized narratives, allowing the reader to follow the daily work of a clinical specialist as he or she supports a clinical study and interacts with the other study team members. The descriptions of these specialists are composite profiles that incorporate the true-to-life experiences of typical clinical study team members. A list of career options available to workers after mastering their entry-level clinical position, as well as a tool box for those seeking a position, are included. Career Opportunities in Clinical Drug Research also gives readers a brief overview of research and development in the pharmaceutical industry and explains how a typical clinical study is conducted.

Announcements for the following year included in some vols.

This is a handy resource to exciting careers in science.With hot topics such as nanotechnology, genetic engineering, stem cell research, and cloning in the news, the field of science has attracted much attention and controversy recently. The science industry spans a wide range of professions, including astronomy, physics, agriculture, math, medical science, and more.Filled with essential information, Career Opportunities in Science, Second Edition provides updated key information, including salary ranges, employment trends, and technical requirements. This helpful resource features 93 job profiles, including 20 new to this edition, with detailed information on the duties, salaries, and prospects for each job. Appendixes provide directories of education and training resources, industry associations, and useful Web sites. A glossary defines key terms used throughout the text.New and updated career profiles include: astronomer; biological technician; chemical technician; chemist; cryptographer; Geographic Information Systems (GIS) specialist; geologist; health physicist; information security specialist; materials scientist; oceanographer; physicist; programmer; veterinary technician; zoologist; and, more.

A treasure chest of information on more than 5,100 current programs from 1,880 sponsors. Find grants for basic research, equipment acquisition, building construction/renovation, fellowships, and 23 other program types.