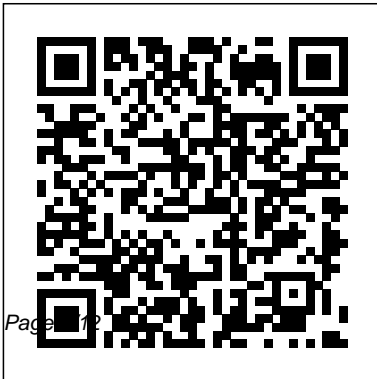

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Biological Warfare Lynne Rienner Publishers
Highlighting twenty years of U.S. scientific research conducted since the International Geophysical Year (IGY) of 1957-58, this volume marks a turning point in the history of polar investigations and provides a lucid summary of the contributions of many distinguished scientists. The authors provide an overview of major polar research programs, past and present; explore concepts derived, from highly interrelated

aspects of physical and life sciences; and seek to offer a glimpse of future polar science and polar development. The introduction briefly describes major physical, biological, and interdisciplinary research programs, as well as the magnitude, extent, and international character of contemporary polar science. Twenty years of polar biological investigations are then reviewed, and subsequent chapters address principles and advances in meteorology, physical oceanography,

glaciology, and the geological evidence that bears on the origin of Antarctica. These physical sciences delineate a matrix for the polar biospheres and provide a background for understanding the major categories of structure and dynamic functioning of the marine ecosystem, polar marine mammals, adaptational physiology, and terrestrial biotic adaptations.

National Library of Medicine Current Catalog
Springer

This is the second volume in the series of proceedings from the International Workshop on Life Science Grid. It represents the few, if

not the only, dedicated proceedings volumes that gathers together the presentations of leaders in the emerging sub-discipline of grid computing for the life sciences. The volume covers the latest developments, trends and trajectories in life science grid computing from top names in bioinformatics and computational biology: A Konagaya; J C Wooley of the National Science Foundation (NSF) and DoE thought leader in supercomputing and life science computing, and one of the key people in the NSF CIBIO initiative; P Arzberger of PRAGMA fame; and R Sinnott of UK e-Science. Sample Chapter(s). Chapter 1: The Grid as a ba for Biomedical Knowledge Creation (155 KB). Contents: The Grid as a OC BaOCO for Biomedical Knowledge Creation (A Konagaya); Cyberinfrastructure for the Biological Sciences (CIBIO) (J C Wooley); Controlling the Chaos: Developing Post-Genomic Grid Infrastructures (R Sinnott & M

Bayer); A Framework for Biological Analysis on the Grid (T Okumura et al.); An Architectural Design of Open Genome Services (R Umetsu et al.); Proteome Analysis Using iGAP in Gfarm (W W Li et al.); Large-Scale Simulation and Prediction of HLA-Epitope Complex Structures (A E H Png et al.); Process Integration for Bio-Manufacturing Grid (Z Q Shen et al.); and other papers. Readership: Practitioners of grid computing as applied to the life sciences, life scientists and biologists working on large computational solutions that require grid computing."

Space Life Sciences Oxford University Press

Interdisciplinary factors in the modern business realm have significant impacts on economic agents within organizations. These behavioral influences affect multiple decision-making processes on both the

individual and organizational levels. **Applied Behavioral Economics Research and Trends** provides a comprehensive examination of the social, psychological, and emotional factors in organizational behavior and economic decision-making and how these issues provide a deeper understanding of various economic behaviors. Highlighting relevant coverage across a range of topics, such as consumer behavior, inter-temporal choices, and self-employment, this book is ideally designed for managers, researchers, professionals, graduate students, and practitioners seeking scholarly material on the implications of behavioral economics across numerous industries.

Nuclear Science Abstracts Isi Press
Whether you are a graduate student or

a senior scientist, your reputation rests on the ability to communicate your ideas and data. In this straightforward and accessible guide, Scott L. Montgomery offers detailed, practical advice on crafting every sort of scientific communication, from research papers and conference talks to review articles, interviews with the media, e-mail messages, and more. Montgomery avoids the common pitfalls of other guides by focusing not on rules and warnings but instead on how skilled writers and speakers actually learn their trade-by imitating and adapting good models of expression. Moving step-by-step through samples from a wide variety of scientific disciplines, he shows precisely how to choose and employ such models, where and how to revise different texts, how to use visuals to enhance your presentation of ideas, why writing is really a form of experimentation, and more. He also traces the evolution of scientific expression over time, providing a context crucial for understanding the nature of technical communication today. Other chapters take up the topics of writing creatively in science; how to design and use graphics; and how to talk to the public about science. Written with humor and eloquence, this book provides a unique and realistic guide for anyone in the sciences wishing to improve his or her communication skills. Practical and

concise, The Chicago Guide to Communicating Science covers:

- *Writing scientific papers, abstracts, grant proposals, technical reports, and articles for the general public
- *Using graphics effectively
- *Surviving and profiting from the review process

- *Preparing oral presentations
- *Dealing with the press and the public

- *Publishing and the Internet
- *Writing in English as a foreign language

Biological Rhythms in Psychiatry and Medicine

MIT Press

This book provides new insights into how new biology, and the emergence of "translational" policies to drive the health bioeconomy, is reshaping the innovation ecosystem for new therapies. A key argument is that a broader definition of value (beyond the economic

aspects) is needed to understand health innovation in the twenty-first century.

Evolution Challenges IGI Global
2023-24 NTA-CSIR-NET/JRF PART A General Aptitude Compulsory Solved Papers
Large Space Structures & Systems in the Space Station Era Scientific Publishers

This book goes beyond the science versus religion dispute to ask why evolution is so often rejected as a legitimate scientific fact, focusing on a wide range of cognitive, socio-cultural, and motivational factors that make concepts such as evolution difficult to grasp.

Technical Paper OUP USA

This book brings together the research of a number of scholars in the field of knowledge creation and imparts a sense of order to the field. The chapters share three characteristics: they are all grounded in extensive qualitative

and/or quantitative research; they all go beyond the mere description of the knowledge creation process and offer both theoretical and strategic implications; they share a view of knowledge creation and knowledge transfer as delicate processes, necessitating particular forms of support from managers.

Catalogue of Scientific Papers OUP Oxford

The present book 'Comprehensive Laboratory Manual of Life Science', deals with practical trends in modern biological sciences. It furnishes protocols on recent advances in biotechnological methods and aims to cover three most important aspects of this interdisciplinary stream; such as Microbiology, Biochemistry and Molecular biology. The book contains four sections: 1. Introduction: emphasizes on good laboratory practices and etiquettes for beginners; the do's and don'ts of working in a laboratory, concepts and terminology, etc. 2. Instruments: Principle and Precautions: explores

commonly used equipments employed in different experiments. 3. Experiments: is further divided into three parts: Microbiology with more than 70 experiments, Biochemistry with 62 and Molecular Biology having around 32 detailed protocols, accorded to make the readers proficient in the paramount disciplines of Bio Sciences and Biotechnology. 4. Appendix: at the end, a rather comprehensive section that concludes the book. This book is designed to meet the practical requirements of undergraduate and post graduate students of Life Science, Biotechnology, Microbiology, Biochemistry and Biochemical Engineering by providing worked out solution to the most commonly practiced experiments prescribed by majority of Indian Universities. The latest technological developments in the book will be appealing to the researchers and scientists

Canadian Books in Print Springer Nature
Many deep concerns in the life sciences and medicine have to do with the enactment,

ordering and displacement of a broad range of values. This volume articulates a pragmatist stance for the study of the making of values in society, exploring various sites within life sciences and medicine and asking how values are at play. This means taking seriously the work scientists, regulators, analysts, professionals and publics regularly do, in order to define what counts as proper conduct in science and health care, what is economically valuable, and what is known and worth knowing. A number of analytical and methodological means to investigate these concerns are presented. The editors introduce a way to indicate an empirically oriented research program into the enacting, ordering and displacing of values. They argue that a research programme of this kind, makes it possible to move orthogonally to the question of what values are, and thus ask how they are constituted. This rectifies some central problems that arise with approaches that depend on stabilized understandings of value. At the heart of it, such a research programme encourages the examination of how and with what means certain things come to count as valuable and desirable, how registers of value are ordered as well as displaced. It further encourages a sense that these matters could be, and sometimes simultaneously are, otherwise.

Applied Behavioral Economics Research and Trends
University of Chicago Press

Scientists, investors, policymakers, the media, and the general public have all displayed a continuing interest in the commercial promise and potential dangers of genetic engineering. In this book, Herbert Gottweis explains how genetic engineering became so controversial—a technology that some seek to promote by any means and others want to block entirely. Beginning with a clear exposition of poststructuralist theory and its implications for

research methodology, Gottweis offers a novel approach to political analysis, emphasizing the essential role of narratives in the development of policy under contemporary conditions. Drawing on more than eighty in-depth interviews and extensive archival work, Gottweis traces today's controversy back to the sociopolitical and scientific origins of molecular biology, paying particular attention to its relationship to eugenics. He argues that over the decades a number of mutually reinforcing political and scientific strategies have attempted to turn genes into objects of technological intervention—to make them "governable." Looking at critical events such as the 1975 Asilomar conference in the United States, the escalating conflict in Germany, and regulatory disputes in Britain and France during the 1980s, Gottweis argues that it was the struggle over boundaries and representations of genetic engineering, politics, and society that defined the political dynamics of the drafting of risk regulations in these countries. In a key chapter on biotechnology

research, industry, and supporting technology policies, Gottweis demonstrates that the interpretation of genetic engineering as the core of a new "high technology" industry was part of a policy myth and an expression of identity politics. He suggests that under postmodern conditions a major strategy for avoiding policy failure is to create conditions that ensure tolerance and respect for the multiplicity of socially available policy narratives and reality interpretations. The Palgrave Handbook of Screenwriting Studies Routledge

This synthesis of research into the behavior of humans and other social animals ranges horizontally from a congruence of the perspectives of the life sciences, social sciences, and physical sciences and longitudinally from that of the most recent 60 million years, but emphasizing the last 12 thousand years. From a political science perspective, these essays focus on both individual and small-group political behavior. Schubert 's work draws extensively on contemporary evolutionary theory, biosocial and

psychobiological theory, ethology and primatology, behavioral ecology, experimental work in animal behavior, neurobiology, human development, and the philosophy of both life and social sciences.

Introducing and concluding the book are essays that discuss the implications of biology and the life sciences for the study of political science. The others center on five topics: political ethology (naturalistic study of human behavior as animal behavior); political evolution; evolutionary theory; evolutionary development (ecological, epigenetic, and ontogenetic); and the evolution of human thinking. Comprehensive Laboratory Manual of Life Sciences Routledge

A selection of annotated references to unclassified reports and journal articles that were introduced into the NASA scientific and technical information system and announced in Scientific and technical aerospace reports (STAR) and International aerospace abstracts (IAA).

Polar Research YOUTH COMPETITION

TIMES

First multi-year cumulation covers six years: 1965-70.

Governing Molecules

Recent revelations about Iraqi and Soviet/Russian biological weapons programs and highly publicized events such as the deployment of anthrax and botulinum by the Aum Shinrikyo sect in Japan have made clear the necessity for addressing the issues of biological warfare and defense. In a comprehensive analysis of this imminent threat to global security, fourteen internationally recognized authorities consider the motivations of governments and terrorist groups seeking to acquire biological weapons; managing the consequences of a biological attack; techniques for weapons

development; methods for detection of pathogens and toxins; defense against biological weapons; and international efforts to counter their proliferation.

Aerospace Medicine and Biology

This book analyses the history of the international patent regime and the life science industries, both of which can be traced back to the late 19th century. The development of patent law is inextricably linked to expanding capacities to elucidate, manipulate and commercially exploit the molecular properties of micro-organisms, plants, animals and other organic raw materials. The story of the life science industries begins with the European synthetic dyestuff firms and culminates in present-day conglomerates like Aventis, Novartis and

Pharmacia. Throughout the last century, chemical, pharmaceutical, seed and biotechnology firms were actively involved in reforming patent law and plant variety rights. The major beneficiaries have been the largest firms whose market dominance and influence over peoples' lives - aided by friendly intellectual property laws - has never been greater. This sparkling and stimulating book reveals the key repercussions caused by the expansion of life science industries for issues of international equity, public health, food security and biological diversity.

Monthly Catalog of United States Government Publications

This book provides an overview of the growing field of screenwriting research and is essential reading for both those new to the field and established screenwriting scholars. It covers topics and concepts

central to the study of screenwriting and the screenplay in relation to film, television, web series, animation, games and other interactive media, and includes a range of approaches, from theoretical perspectives to in-depth case studies. 44 scholars from around the globe demonstrate the range and depths of this new and expanding area of study. As the chapters of this Handbook demonstrate, shifting the focus from the finished film to the process of screenwriting and the text of the screenplay facilitates valuable new insights. This Handbook is the first of its kind, an indispensable compendium for both academics and practitioners.

Academic Science, Scientists and Engineers

Current Catalog

Serials Currently Received by the National
Agricultural Library, a Keyword Index