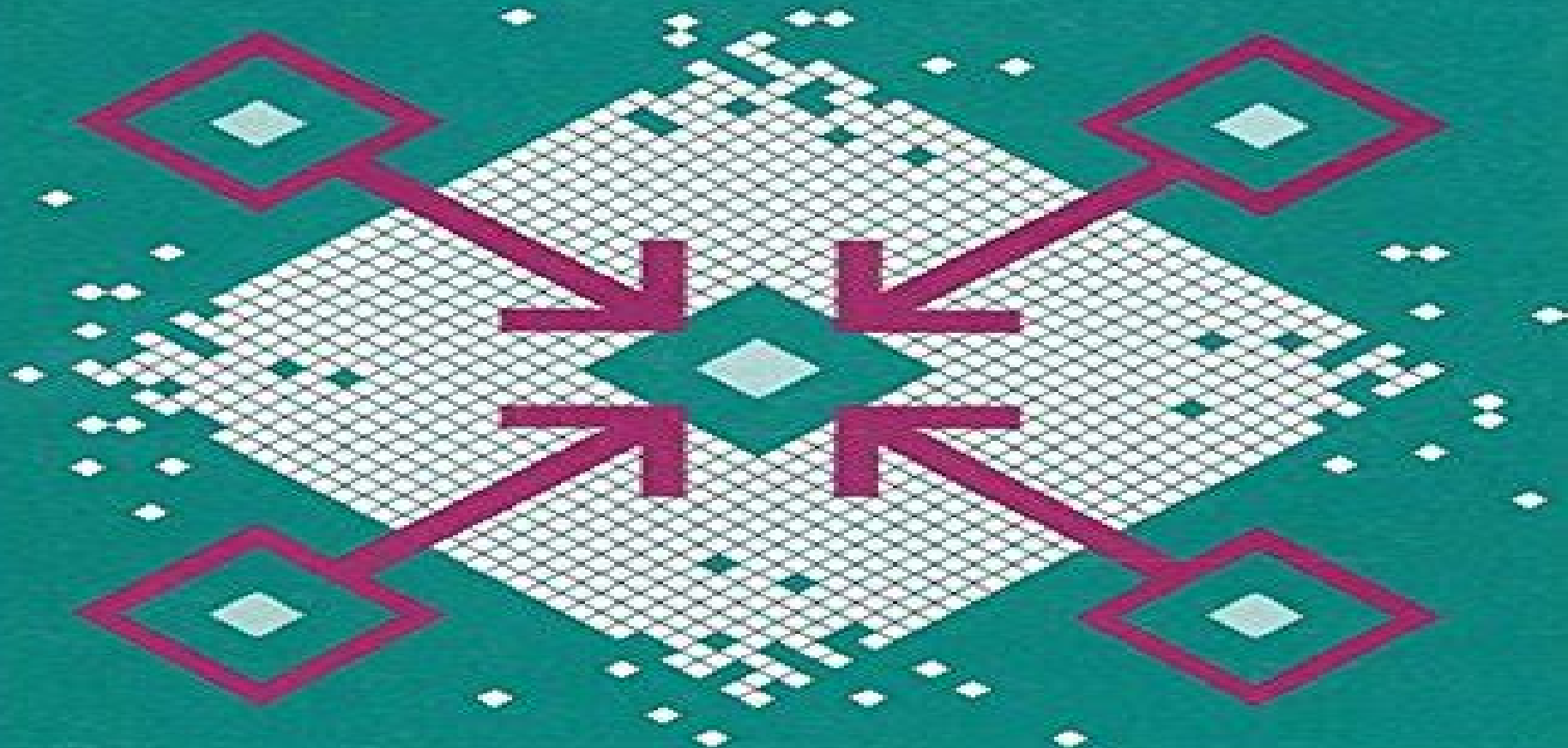


Social Control and Multiple Discovery in Science

The Opiate Receptor Case

Susan E. Cozzens



Social Control And Multiple Discovery In Science

Stephan Fuchs



Social Control And Multiple Discovery In Science:

Social Control and Multiple Discovery in Science Susan E. Cozzens, 1989-07-01 Recognition for accomplishment is a major institutional reward in the scientific community thus regulating disputes over credit for discovery can be viewed as an important problem in social control Cozzens examines a well known dispute one that took place with the discovery of the opiate receptor in neuropharmacological research The issues Cozzens discusses priority disputes social control and norms and morals are important throughout the sciences they are crucial factors in the lives of scientists the functioning of scientific communities and the day to day operations of scientific organizations **Science, Technology, and Democracy** Daniel Lee Kleinman, 2000-09-28 Activists scientists and scholars in the social sciences and humanities explore in productive dialogue what it means to democratize science and technology The contributors consider what role lay people can have in a realm traditionally restricted to experts and examine the socio economic and ideological barriers to creating a science oriented more toward human needs Included are several case studies of efforts to expand the role of citizens including discussions of AIDS treatment activism technology consensus conferences in Europe and the United States the regulation of nuclear materials processing and disposal and farmer networks in sustainable agriculture and examinations of how the Enlightenment premises of modern science constrain its field of vision Other chapters suggest how citizens can interpret differing opinions within scientific communities on issues of clear public relevance Contributors include Steven Epstein Sandra Harding Neva Hassanein Louise Kaplan Daniel Lee Kleinman Daniel Sarewitz Stephen H Schneider and Richard E Sclove **Beyond the Science Wars** Ullica Christina Olofsdotter Segerstråle, Ullica Segerstråle, Ullica Christina Olofsdotter Segerstråle, 2000-08-03 Contextualizes the Science Wars from interdisciplinary sociological historical scientific political and cultural perspectives Innovation in Cultural Systems Michael John O'Brien, Stephen Shennan, 2010 Leading scholars offer a range of perspectives on the roles played by innovation in the evolution of human culture In recent years an interest in applying the principles of evolution to the study of culture emerged in the social sciences Archaeologists and anthropologists reconsidered the role of innovation in particular and have moved toward characterizing innovation in cultural systems not only as a product but also as an evolutionary process This distinction was familiar to biology but new to the social sciences cultural evolutionists from the nineteenth to the twentieth century had tended to see innovation as a preprogrammed change that occurred when a cultural group needed to overcome environmental problems In this volume leading researchers from a variety of disciplines including anthropology archaeology evolutionary biology philosophy and psychology offer their perspectives on cultural innovation The book provides not only a range of views but also an integrated account with the chapters offering an orderly progression of thought The contributors consider innovation in biological terms discussing epistemology animal studies systematics and phylogeny phenotypic plasticity and evolvability and evo devo they discuss modern insights into innovation including simulation the random copying model diffusion and demographic analysis

and they offer case studies of innovation from archaeological and ethnographic records examining developmental behavioral and social patterns Contributors Andr Ariew R Alexander Bentley Werner Callebaut Joseph Henrich Anne Kandler Kevin N Laland Daniel O Larson Alex Mesoudi Michael J O'Brien Craig T Palmer Adam Powell Simon M Reader Valentine Roux Chet Savage Michael Brian Schiffer Jeffrey H Schwartz Stephen J Shennan James Steele Mark G Thomas Todd L VanPool **NIH Extramural Center Programs** Institute of Medicine, Board on Health Sciences Policy, Committee for Assessment of NIH Centers of Excellence Programs, 2004-04-21 Grants for research centers located in universities medical centers and other nonprofit research institutions account for about 9 percent of the National Institutes of Health budget Centers are popular because they can bring visibility focus and increased resources to bear on specific diseases However congressional debate in 2001 over proposed legislation directing NIH to set up centers for muscular dystrophy research highlighted several areas of uncertainty about how to decide when centers are an appropriate research mechanism in specific cases The debate also highlighted a growing trend among patient advocacy groups to regard centers as a key element of every disease research program regardless of how much is known about the disease in question the availability of experienced researchers and other factors This book examines the criteria and procedures used in deciding whether to establish new specialized research centers It discusses the future role of centers in light of the growing trend of large scale research in biomedicine and it offers recommendations for improving the classification and tracking of center programs clarifying and improving the decision process and criteria for initiating center programs resolving the occasional disagreements over the appropriateness of centers and evaluating the performance of center programs more regularly and systematically **Encyclopedia of Creativity**, 2011-05-20 The first edition of the successful Encyclopedia of Creativity served to establish the study of creativity is a field in itself Now completely updated and revised in its second edition coverage encompasses the definition of creativity the development and expression of creativity across the lifespan the environmental conditions that encourage or discourage creativity creativity within specific disciplines like music dance film art literature etc the relationship of creativity and mental health intelligence and learning styles and the process of being creative This reference also appeals to a lay audience with articles specifically on the application of creativity to business settings Available online via ScienceDirect and in limited print release Named a 2012 Outstanding Academic Title by the American Library Association's Choice publication Serves as a compendium of reviews of a number of domain specific areas such as acting dance expressive arts film food music religion science sports theater and writing Creativity and education are examined in articles about thought processes such as developmental trends in creative abilities and potentials the enhancement of creativity intelligence knowledge play prodigies programs and courses talent and teaching creativity Cognitive aspects of creativity can be investigated in articles about altered and transitional states analogies attention cognitive style divergent thinking flow and optimal experience metacognition metaphors problem finding problem solving and remote associates Covers business and organizational

creativity in articles about advertising with art creative visuals business management creativity coaching creativity exercises entrepreneurship group dynamics innovation leadership organizational culture organizational development teams and training among others Explicitly examines the complex interrelationship between society and creativity in articles about awards conformity and conventionality the creative sector and class of society cultural diversity the dark side of creativity East vs West networking social psychology war zeitgeist and others Personal and interpersonal creativity is discussed in articles relating to collaboration family life stages mentors networking personal creativity and self actualization Focuses on scientific information about creativity there are also articles that discuss brain and neuropsychology concepts of creativity definitions of creativity expertise longitudinal studies researching art artists and art audiences research methods phenomenology research and qualitative research Online version contains an additional 26 biographies of famously creative people

Theories of Informetrics and Scholarly Communication Cassidy R. Sugimoto, 2016-02-22 Scientometrics have become an essential element in the practice and evaluation of science and research including both the evaluation of individuals and national assessment exercises Yet researchers and practitioners in this field have lacked clear theories to guide their work As early as 1981 then doctoral student Blaise Cronin published The need for a theory of citing a call to arms for the fledgling scientometric community to produce foundational theories upon which the work of the field could be based More than three decades later the time has come to reach out the field again and ask how they have responded to this call This book compiles the foundational theories that guide informetrics and scholarly communication research It is a much needed compilation by leading scholars in the field that gathers together the theories that guide our understanding of authorship citing and impact

The Historiography of Contemporary Science and Technology Thomas Söderquist, 2013-01-11 More than ninety percent of all scientific history has been made during the last half century So far however only a fraction of historical scholarship has dealt with this period Merely a decade ago most scientific historians considered recent science the scientific culture created lived and remembered by contemporary scientists an area of study best left to the historical actors themselves

Degrees of Compromise Jennifer Croissant, Sal Restivo, 2001-04-05 Degrees of Compromise probes the convergence of for profit business collaborations with higher education Interdisciplinary in scope the collection questions the effects of commercialization activities on undergraduate student values and graduate education practice and ethics research autonomy institutional prestige and scientific imperatives such as objectivity Included are philosophical analyses of the professional status of faculty in higher education ethnographic explorations of technology transfer laboratory design scientific assumptions and graduate education and a quantitative assessment of patenting and its relationship to institutional prestige and resources

Why Movements Matter Steve Breyman, 2001-07-12 Why Movements Matter is a provocative account of how the Reagan administration relented to pressures created by international peace movements during one of the most dangerous episodes of the Cold War Breyman provides the first systematic account

of the West German anti missile movement among the most important citizen mobilizations of postwar Western history Contrary to conventional wisdom Breyman offers compelling evidence that peace movements rather than any escalation of Cold War spending or rhetorical belligerence hastened the demise of the Cold War The product of extensive research Why Movements Matter advances social movement theory and the political sociology of peace movements expands our understanding of the interaction of political parties and political movements explores the links between public opinion and organized dissent and provides an assessment of a movement whose immediate impact shook the halls of power in Washington and Moscow yet also had a deep and lasting influence on politics culture and society **The Research**

Productivity of Scientists Robert Leslie Fisher,2005-01-21 For over forty years social scientists have noted and puzzled over the gender gap in publication rates of academic scientists In this study the author Robert L Fisher argues that men and women scientists differ in their problem choice process and that this difference may be behind much of the difference in publication rates Fisher draws on a large literature review including much unpublished European research and a detailed survey of 107 scientists from numerous disciplines that he carried out in the late 1990s in both the United States and Canada to support his thesis National Library of Medicine Current Catalog National Library of Medicine (U.S.),1991 **Visions**

of STS Stephen H. Cutcliffe,Carl Mitcham,2001-02-01 Maps interconnections between science technology and society in order to understand both benefits and costs **Women Scientists in America** Margaret W. Rossiter,2012-04-02 This survey of female scientists in recent American history offers compelling data alongside the multiple stories of individual women Science The third volume of Margaret W Rossiter s landmark survey of the history of American women scientists focuses on their pioneering efforts and contributions from 1972 to the present Central to this story are the struggles and successes of women scientists in the era of affirmative action Scores of previously isolated women scientists were suddenly energized to do things they had rarely if ever done before form organizations and recruit new members start rosters and projects put out newsletters confront authorities and even fight and win lawsuits Rossiter follows the major activities of these groups in several fields from engineering to the physical biological and social sciences and their campaigns to raise consciousness see legislation enforced lobby for passage of the Equal Rights Amendment and serve as watchdogs of the media This comprehensive volume also covers the changing employment circumstances in the federal government academia industry and the nonprofit sector and discusses contemporary battles to increase the number of women members of the National Academy of Science and women presidents of scientific societies In writing this book Rossiter mined nearly one hundred previously unexamined archival collections and more than fifty oral histories With the thoroughness and resourcefulness that characterize the earlier volumes she recounts the rich history of the courageous and resolute women determined to realize their scientific ambitions *The Origin of Values* Michael Hechter,Lynn Nadel,Richard E.

Michod,1993-01-01 Although values play a leading role in nearly every explanatory theory in the broad realm of the social

and behavioral sciences very little multidisciplinary research material on values is available Addressing this need the editors bring together distinguished social scientists psychologists and biologists who collaboratively explore fundamental questions about values What are the determinants of social values taboos and ideologies What are the determinants of individual values What is the nature of motivations and rewards Is there an evolutionary basis for the development of values **Current**

Catalog National Library of Medicine (U.S.), First multi year cumulation covers six years 1965 70 **Science as Autobiography** Thomas Soderqvist, 2008-10-01 This biography probes the unusual mind the dramatic life and the outstanding scientific work of Danish born immunologist Niels Jerne 1911 1994 Jerne s Nobel Prize winning achievements in the field of immunology place him in the pantheon of great twentieth century biomedical theorists yet his life is perhaps even more interesting than his science Science as Autobiography tells Jerne s story weaving together a narrative of his life experiences emotional life and extraordinarily creative scientific work A legendary figure who preferred an afternoon of conversation in a Paris wine bar to work in the laboratory Jerne was renowned for his unparalleled powers of concentration and analytical keenness as well as his dissonant personal life The book explores Jerne the man and scientist making the fascinating argument that his life experience and view of himself became a metaphorical resource for the construction of his theories The book also probes the moral issues that surrounded Jerne s choice to sacrifice his family in favor of scientific goals and the pursuit of excellence OD Nancy D. Campbell, 2020-03-03 The history of an unnatural disaster drug overdose and the emergence of naloxone as a social and technological solution For years drug overdose was unmentionable in polite society OD was understood to be something that took place in dark alleys an ugly death awaiting social deviants neither scientifically nor clinically interesting But over the last several years overdose prevention has become the unlikely object of a social movement powered by the miracle drug naloxone In OD Nancy Campbell charts the emergence of naloxone as a technological fix for overdose and describes the remaking of overdose into an experience recognized as common predictable patterned and above all preventable Naloxone which made resuscitation rescue and reversal after an overdose possible became a tool for shifting law policy clinical medicine and science toward harm reduction Liberated from emergency room protocols and distributed in take home kits to non medical professionals it also became a tool of empowerment After recounting the prehistory of naloxone the early treatment of OD as a problem of poisoning the development of nalorphine naloxone s predecessor the idea of reanimatology Campbell describes how naloxone emerged as a tool of harm reduction She reports on naloxone use in far flung locations that include post Thatcherite Britain rural New Mexico and cities and towns in Massachusetts Drawing on interviews with approximately sixty advocates drug users former users friends families witnesses clinicians and scientists whom she calls the protagonists of her story Campbell tells a story of saving lives amid the complex difficult conditions of an unfolding unnatural disaster **Against Essentialism** Stephan Fuchs, 2009-07 Against Essentialism presents a sociological theory of culture This interdisciplinary and foundational work deals with basic issues

common to current debates in social theory including society culture meaning truth and communication Stephan Fuchs argues that many mysteries about these concepts lose their mysteriousness when dynamic variations are introduced Fuchs proposes a theory of culture and society that merges two core traditions American network theory and European Luhmannian systems theory His book distinguishes four major types of social observers encounters groups organizations and networks Society takes place in these four modes of association Each generates levels of observation linked with each other into a culture the unity of these observations Against Essentialism presents a groundbreaking new approach to the construction of society culture and personhood The book invites both social scientists and philosophers to see what happens when essentialism is abandoned

Reordering Life Stephen Hilgartner, 2017-05-19 How the regimes governing biological research changed during the genomics revolution focusing on the Human Genome Project The rise of genomics engendered intense struggle over the control of knowledge In *Reordering Life* Stephen Hilgartner examines the genomics revolution and develops a novel approach to studying the dynamics of change in knowledge and control Hilgartner focuses on the Human Genome Project HGP the symbolic and scientific centerpiece of the emerging field showing how problems of governance arose in concert with new knowledge and technology Using a theoretical framework that analyzes knowledge control regimes Hilgartner investigates change in how control was secured contested allocated resisted justified and reshaped as biological knowledge was transformed Beyond illuminating genomics *Reordering Life* sheds new light on broader issues about secrecy and openness in science data access and ownership and the politics of research communities Drawing on real time interviews and observations made during the HGP *Reordering Life* describes the sociotechnical challenges and contentious issues that the genomics community faced throughout the project Hilgartner analyzes how laboratories control access to data biomaterials plans preliminary results and rumors compares conflicting visions of how to impose coordinating mechanisms examines the repeated destabilization and restabilization of the regimes governing genome databases and examines the fierce competition between the publicly funded HGP and the private company Celera Genomics The result is at once a path breaking study of a self consciously revolutionary science and a provocative analysis of how knowledge and control are reconfigured during transformative scientific change

Social Control And Multiple Discovery In Science Book Review: Unveiling the Magic of Language

In an electronic digital era where connections and knowledge reign supreme, the enchanting power of language has be much more apparent than ever. Its ability to stir emotions, provoke thought, and instigate transformation is actually remarkable. This extraordinary book, aptly titled "**Social Control And Multiple Discovery In Science**," written by a highly acclaimed author, immerses readers in a captivating exploration of the significance of language and its profound affect our existence. Throughout this critique, we shall delve in to the book is central themes, evaluate its unique writing style, and assess its overall influence on its readership.

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