

which babies shall live humanistic dimensions of the care of imperiled newborns contemporary issues in biomedicine

[#imperiled newborns](#) [#neonatal care ethics](#) [#biomedical ethics](#) [#infant life decisions](#) [#humanistic medicine](#)

This critical examination explores the complex question of 'which babies shall live,' delving into the profound humanistic dimensions of care for imperiled newborns. It addresses contemporary ethical issues arising within the field of biomedicine, offering insights into decision-making processes for vulnerable infants.

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Which Babies Shall Live?

The fate of seriously ill newborns has captured the attention of the public, of national and state legislators, and of powerful interest groups. For the most part, the debate has been cast in the narrowest possible terms: "discrimination against the handicapped"; "physician authority"; "family autonomy." We believe that something much more profound is happening: the debate over the care of sick and dying babies appears to be both a manifestation of great changes in our feelings about infants, children, and families, and a reflection of deep and abiding attitudes toward the newborn, the handicapped, and perhaps other humans who are "less than" normal, rational adults. How could we cast some light on those feelings and attitudes that seemed to determine silently the course of the public debate? We chose to enlist the humanities—the displayers and critics of our cultural forms. Rather than closing down the public discussion, we wanted to open it up, to illuminate it with the light of history, religion, philosophy, literature, jurisprudence, and humanistically oriented sociology. This book is a first effort to place the hotly contested Baby Doe debate into a broader cultural context.

What Is a Person?

The idea for an anthology on personhood grew out of two things, viz., the work I did with Martin Benjamin during the Summer of 1982 at Michigan State University on the question, What is a person?, and the amount of time, effort, and expense required for serious research on the topic itself. The former experience taught me the importance of, among other things, attempting to get clear about what we are to mean by 'person,' while the latter experience suggested a possible course of action whereby getting clear might be made more manageable simply by having relatively convenient access to some of the most insightful and stimulating writings on the topic. The problems of personhood addressed in this book are central to issues in ethics ranging from the treatment or termination of infants with birth defects to the question whether there can be rational suicide. But before questions on such issues as the morality of abortion, genetic engineering, infanticide, and so on, can be settled, the problems of personhood must be clarified and analyzed. Hence What Is a Person? has as its primary theme the examination of various proposed conditions of personhood.

National Library of Medicine Current Catalog

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

Current Catalog

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

Legal Medicine 1989

Vols. for 1980- issued in three parts: Series, Authors, and Titles.

The Collaborative Bibliography of Women in Philosophy

In April 1982, an infant boy was born in Bloomington, Indiana, with Down syndrome and a defective, but surgically correctable, esophagus. His parents refused to consent to surgery or intravenous feeding. The hospital unsuccessfully sought a court order to force treatment, and appeals to higher courts also failed. The child, identified as Baby Doe by the news media, subsequently died. The events in Bloomington became the catalyst for action by the Reagan administration, the courts, and Congress that culminated in a federal policy that makes failure to treat newborns with disabilities a form of child neglect. This book centers on the public policy aspects of withholding treatment from critically ill newborns who are disabled. Specifically, it deals with why the policy was enacted and what impact it has had on health care workers, families, and infants. Some of the contributors to this book spearheaded the early debate on withholding treatment. Anthony Shaw's New York Times Magazine article in 1972 was the first to address these issues in the popular press. The following year, he published a related article in the New England Journal of Medicine. Also appearing in this same issue of NEJM, was the pathbreaking study, coauthored by A. G. M. Campbell, on withholding treatment in the special care nursery at Yale-New Haven Hospital. Each of these articles promoted much public and professional discussion.

The British Library General Catalogue of Printed Books, 1986 to 1987

The emotional impact of having a newborn hospitalized in an intensive care unit is immense. The parents' perceptions of the child's fragility and of their role in the vulnerable child's life represent important facts of the crisis in which the infant and the parents are involved. Such early stress marks the child's later development which may include chronic ailments and learning disabilities. This book explores a whole spectrum of psychological questions raised by the birth of medically fragile infants, from the parents' ability to restore a sense of meaning and mastery in the face of the profound challenges confronting them, to the importance of social support and coping strategies, and finally, to the crisis of newborn intensive care in the context of the marital relationship.

Current Catalog

Excerpt from *Infant Care* It is of the utmost importance to have the birth of the baby promptly and properly registered. This should be done preferably within 36 hours after the baby's birth. In most States the physician, midwife, nurse, or other attendant is required by law to report the birth to the local registrar, who will see that the date of birth and the child's name, together with other related facts, are made matters of public record. Birth registration is necessary in order to prove, among other things, the child's age and citizenship, his right to go to school, his right to go to work, to inherit property, to marry, to hold office, to secure passports for foreign travel, and to prove his mother's right to a pension, if she is a widow. Parents should make sure that this protection of fundamental rights is assured to every child born to them. If there is any doubt about whether the birth of a child has been registered, an inquiry may be sent to the State board of health at the State capital, where the records are filed. If there is no birth record, the board will furnish a blank which may then be filled out and returned. The Home. Selecting A Home. The house which is to be the home of children should be sunny, well ventilated, and dry. The choice is usually limited by the size of the family income, but there is, nevertheless, within this limit some range of selection. Among houses of the same rental one may be in better repair than another, or the houses on one side of the street may be sunnier than those on the other, or one house may have more space about it than another, or the plumbing, drainage, or other conveniences may be in a more sanitary condition in one than in another. Flats and apartments do not usually afford enough freedom for growing children, although a baby may do very well in such a place until he is 2 or 3 years old, when he needs more room, both indoors and out. About the Publisher Forgotten Books publishes hundreds of thousands of rare and classic books. Find more at www.forgottenbooks.com This book is a reproduction of an important historical work. Forgotten Books uses state-of-the-art technology to digitally reconstruct the work, preserving the original format whilst repairing imperfections present in

the aged copy. In rare cases, an imperfection in the original, such as a blemish or missing page, may be replicated in our edition. We do, however, repair the vast majority of imperfections successfully; any imperfections that remain are intentionally left to preserve the state of such historical works.

Medical and Health Care Books and Serials in Print

In the past few years, an increasing number of colleges and universities have added courses in biomedical ethics to their curricula. To some extent, these additions serve to satisfy student demands for "relevance." But it is also true that such changes reflect a deepening desire on the part of the academic community to deal effectively with a host of problems which must be solved if we are to have a health-care delivery system which is efficient, humane, and just. To a large degree, these problems are the unique result of both rapidly changing moral values and dramatic advances in biomedical technology. The past decade has witnessed sudden and conspicuous controversy over the morality and legality of new practices relating to abortion, therapy for the mentally ill, experimentation using human subjects, forms of genetic intervention, and euthanasia. Malpractice suits abound, and astronomical fees for malpractice insurance threaten the very possibility of medical and health-care practice. Without the backing of a clear moral consensus, the law is frequently forced into resolving these conflicts only to see the moral issues involved still hotly debated and the validity of the existing law further questioned. Take abortion, for example. Rather than settling the legal issue, the Supreme Court's original abortion decision in *Roe v. Wade* (1973), seems only to have spurred further legal debate. And of course, whether or not abortion is a morally acceptable procedure is still the subject of heated dispute.

The Philosopher's Index

This is a book for the age of resistance, for the occupiers of the squares, for the generation of Occupy Wall Street. The premier radical political philosopher of our time offers a devastating critique of the way neoliberalism has hollowed out democracy.

Recording for the Blind & Dyslexic, ... Catalog of Books

In the 1850s, "Drapetomania" was the medical term for a disease found among black slaves in the United States. The main symptom was a strange desire to run away from their masters. In earlier centuries gout was understood as a metabolic disease of the affluent, so much so that it became a badge of uppercrust honor—and a medical excuse to avoid hard work. Today, is there such a thing as mental illness, or is mental illness just a myth? Is Alzheimer's really a disease? What is menopause—a biological or a social construction? Historically one can see that health, disease, and illness are concepts that have been ever fluid. Modern science, sociology, philosophy, even society—among other factors—constantly have these issues under microscopes, learning more, defining and redefining ever more exactly. Yet often that scrutiny, instead of leading toward hard answers, only leads to more questions. *Health, Disease, and Illness* brings together a sterling list of classic and contemporary thinkers to examine the history, state, and future of ever-changing "concepts" in medicine. Divided into four parts—Historical Discussions; Characterizing Health, Disease, and Illness; Clinical Applications of Health and Disease; and Normalcy, Genetic Disease, and Enhancement: The Future of the Concepts of Health and Disease—the reader can see the evolutionary arc of medical concepts from the Greek physician Galen of Pergamum (ca. 150 ce) who proposed that "the best doctor is also a philosopher," to contemporary discussions of the genome and morality. The editors have recognized a crucial need for a deeper integration of medicine and philosophy with each other, particularly in an age of dynamically changing medical science—and what it means, medically, philosophically, to be human.

Books in Series

This is the academic Age of the Neoliberal Arts. Campuses—as places characterized by democratic debate and controversy, wide ranges of opinion typical of vibrant public spheres, and service to the larger society—are everywhere being creatively destroyed in order to accord with market and military models befitting the academic-industrial complex. While it has become increasingly clear that facilitating the sustainability movement is the great 21st century educational challenge at hand, this book asserts that it is both a dangerous and criminal development today that sustainability in higher education has come to be defined by the complex-friendly "green campus" initiatives of science, technology, engineering and management programs. By contrast, *Greening the Academy: Ecopedagogy Through the Liberal Arts* takes the standpoints of those working for environmental and ecological justice in order to critique the unsustainable disciplinary limitations within the humanities and social sciences,

as well as provide tactical reconstructive openings toward an empowered liberal arts for sustainability. Greening the Academy thus hopes to speak back with a collective demand that sustainability education be defined as a critical and moral vocation comprised of the diverse types of humanistic study that will benefit the well-being of our emerging planetary community and its numerous common locales.

American Book Publishing Record

Emotions are back. Once at the center of the study of politics, emotions have receded into the shadows during the past three decades, with no place in the rationalistic, structural, and organizational models that dominate academic political analysis. With this new collection of essays, Jeff Goodwin, James M. Jasper, and Francesca Polletta reverse this trend, reincorporating emotions such as anger, indignation, fear, disgust, joy, and love into research on politics and social protest. The tools of cultural analysis are especially useful for probing the role of emotions in politics, the editors and contributors to *Passionate Politics* argue. Moral outrage, the shame of spoiled collective identities, or the joy of imagining a new and better society, are not automatic responses to events. Rather, they are related to moral institutions, felt obligations and rights, and information about expected effects, all of which are culturally and historically variable. With its look at the history of emotions in social thought, examination of the internal dynamics of protest groups, and exploration of the emotional dynamics that arise from interactions and conflicts among political factions and individuals, *Passionate Politics* will lead the way toward an overdue reconsideration of the role of emotions in social movements and politics generally. Contributors: Rebecca Anne Allahyari Edwin Amenta Collin Barker Mabel Berezin Craig Calhoun Randall Collins Frank Dobbin Jeff Goodwin Deborah B. Gould Julian McAllister Groves James M. Jasper Anne Kane Theodore D. Kemper Sharon Erickson Nepstad Steven Pfaff Francesca Polletta Christian Smith Arlene Stein Nancy Whittier Elisabeth Jean Wood Michael P. Young

Books in Series, 1876-1949

A review of the original edition of *The Burdens of Disease* that appeared in *ISIS* stated, "Hays has written a remarkable book. He too has a message: That epidemics are primarily dependent on poverty and that the West has consistently refused to accept this." This revised edition confirms the book's timely value and provides a sweeping approach to the history of disease. In this updated volume, with revisions and additions to the original content, including the evolution of drug-resistant diseases and expanded coverage of HIV/AIDS, along with recent data on mortality figures and other relevant statistics, J. N. Hays chronicles perceptions and responses to plague and pestilence over two thousand years of western history. Disease is framed as a multidimensional construct, situated at the intersection of history, politics, culture, and medicine, and rooted in mentalities and social relations as much as in biological conditions of pathology. This revised edition of *The Burdens of Disease* also studies the victims of epidemics, paying close attention to the relationships among poverty, power, and disease.

Compelled Compassion

The prospect of human cloning burst into the public consciousness in 1997, following the announcement of the successful cloning of Dolly the sheep. It has since captured much attention and generated great debate, both in the United States and around the world. Many are repelled by the idea of producing children who would be genetically virtually identical to preexisting individuals, and believe such a practice unethical. But some see in such cloning the possibility to do good for infertile couples and the broader society. Some want to outlaw it, and many nations have done so. Others believe the benefits outweigh the risks and the moral concerns, or they oppose legislative interference with science and technology in the name of freedom and progress. Complicating the national dialogue about human cloning is the isolation in 1998 of human embryonic stem cells, which many scientists believe to hold great promise for understanding and treating many chronic diseases and conditions. Some scientists also believe that stem cells derived from cloned human embryos, produced explicitly for such research, might prove to be uniquely useful for studying many genetic diseases and devising novel therapies. Public reaction to this prospect has been mixed, with some Americans supporting it in the hope of advancing biomedical research and helping the sick and the suffering, while others are concerned about the instrumentalization or abuse of nascent human life and the resulting danger of moral insensitivity and degradation.

Infants in Crisis

This inquiry builds a conceptual and strategic framework for understanding the contemporary global crisis and for shaping our world in transition. Its bedrock concern is the search for an organic planetary civilization, a vision that now opens before us as both possibility and exigency in an interdependent and dangerous century.

Infant Care

Many of the bioethical and medical issues challenging society today have been anticipated and addressed in literature ranging from Mary Shelley's *Frankenstein*, Albert Camus's *The Plague*, to Margaret Edson's *Wit*. The ten works of fiction explored in this book stimulate lively dialogue on topics like bioterrorism, cloning, organ transplants, obesity and heart disease, sexually transmitted diseases, and civil and human rights. This interdisciplinary and multicultural approach introducing literature across the curricula helps students master medical and bioethical concepts brought about by advances in science and technology, bringing philosophy into the world of science.

Biomedical Ethics and the Law

The idea of reviewing the ethical concerns of ancient medicine with an eye as to how they might instruct us about the extremely lively disputes of our own contemporary medicine is such a natural one that it surprises us to realize how very slow we have been to pursue it in a sustained way. Ideologues have often seized on the very name of Hippocrates to close off debate about such matters as abortion and euthanasia - as if by appeal to a well-known and sacred authority that no informed person would care or dare to oppose. And yet, beneath the polite fakery of such reference, we have deprived our selves of a familiarity with the genuinely 'unsimple' variety of Greek and Roman reflections on the great questions of medical ethics. The fascination of recovering those views surely depends on one stunning truism at least: humans sicken and die; they must be cared for by those who are socially endorsed to specialize in the task; and the changes in the rounds of human life are so much the same from ancient times to our own that the disputes and agreements of the past are remarkably similar to those of our own.

Undoing the Demos

Women most fully experience the consequences of human reproductive technologies. Men who convene to evaluate such technologies discuss "them": the women who must accept, avoid, or even resist these technologies; the women who consume technologies they did not devise; the women who are the objects of policies made by men. So often the input of women is neither sought nor listened to. The privileged insights and perspectives that women bring to the consideration of technologies in human reproduction are the subject of these volumes, which constitute the revised and edited record of a Workshop on "Ethical Issues in Human Reproduction Technology: Analysis by Women" (EIRTAW), held in June, 1979, at Hampshire College in Amherst, Massachusetts. Some 80 members of the workshop, 90 percent of them women (from 24 states), represented diverse occupations and personal histories, different races and classes, varied political commitments. They included doctors, nurses, and scientists, lay midwives, consumer advocates, historians, and sociologists, lawyers, policy analysts, and ethicists. Each session, however, made plain that ethics is an everyday concern for women in general, as well as an academic profession for some.

Health, Disease, and Illness

This book details possible ethical situations and pitfalls that forensic psychiatric experts would commonly encounter when making a court testimony. Richly illustrated with cases from medicine, psychiatry, and law, this elegantly written volume examines the common moral ground that links these usually separate domains, and relates forensic ethics to larger concepts of morality and justice.

Greening the Academy

Introduction -- American dreams : access, mobility, fairness -- Free minds : educating democratic citizens -- Hard facts : knowledge creation and checking power -- Purposeful pluralism : dialogue across difference on campus -- Conclusion.

Passionate Politics

Named an Outstanding Academic Title for 2009 byChoice! "[A] set of almost 70 essays, all well informed and many with attitude." Harold Shapiro, PhD Professor Emeritus and Professor of Economics and Public Affairs Princeton University, Former Chair, National Bioethics Advisory Board "This most noteworthy and authoritative collection of 67 essays...represents 'the Penn way of doing bioethics'The Penn Center is widely known for multidisciplinary scholarship that emphasizes empirical inquiry on bioethical issues coupled with practical application(s)....The book provides excellent coverage of...both classical topics (e.g., informed consent, infertility, eugenics) and emerging issues (e.g., cloning, nonprofessional caregiving, privacy of thought in the age of brain imaging). The contributors, including the three editors, are either well-established or emerging scholars. Each essay offers historical background, an overview of relevant issues, a conclusion, and a list of references....Summing Up: Highly recommended."--Choice: Current Reviews for Academic Libraries "This well-written book addresses a wide-ranging assortment of traditional bioethics issues that persist in the field as well as contemporary bioethics concerns that have evolved with new technologies and medical advances. This is a great resource for scholars in bioethics as well as various other relevant disciplines concerned with bioethical issues." Score: 96, 4 stars--Doody's Medical Reviews The Center for Bioethics at the University of Pennsylvania is the internationally recognized leader in bioethical education and research. Its interdisciplinary faculty is drawn from the fields of medicine, law, nursing, education, philosophy, psychology, and religious studies. Arthur L. Caplan, the Center's founding director, is recognized as one of the most influential experts in bioethics. He has authored numerous books and articles, and served as the Chair of the Advisory Committee to the United Nations on human cloning. The Penn Center's leading fellows, Autumn Fiester and Vardit Ravitsky, have combined their expertise with Dr. Caplan and over 80 other contributors to create The Penn Center Guide to Bioethics--the foremost authority on both traditional and cutting-edge bioethical issues. The Penn Guide navigates uncharted ethical terrains, undoubtedly shaping both academic and public discourses on the challenging controversies generated by new technologies, theories, and medical advances. This volume represents the Penn Center's distinct, pioneering approach to bioethics, one that emphasizes empirical treatment of bioethical issues, and the integration of bioethical scholarship with practical application. Learn what the Penn Center has to say about: Neuroethics and brain imaging: Is my mind mine? Choosing future people: reproductive technologies and identity Eugenics and survival of the fittest in the modern world Bioethics and national security Vaccination, abortion, nanotechnology, organ transplantation, end-of-life issues, and more The Penn Guide will be the definitive text for policy makers, health practitioners, researchers, and students. This book will also inform the general public, patients, and family members as they seek answers to the bioethical issues of the day.

The Burdens of Disease

What do you think about cloning, stem cell research, brain enhancement, or doing experiments on newly dead patients? Read *Smart Mice, Not so Smart People* and you'll know what Art Caplan thinks. But this assortment of pithy, provocative opinions on all things bioethical does more than simply give you a piece of the author's mind—it also invites and even dares you to make up your own mind. In his typical style, Caplan—one of the most sought-after bioethicists of our time—provokes discussion on issues at the center of the new genetics, cloning in the laboratory and in the media, stem cell research, experiments on human subjects, blood donation and organ transplantation, and healthcare delivery. Are new developments in these areas good or bad? As an engaged citizen in a democratic society, it is your responsibility to decide. This book will help you do it.

Human Cloning and Human Dignity

A personal story of the ways in which persistence, chance, and creativity interact in biomedical research. This first book by the author of *Zen and the Brain* examines the role of chance in the creative process. James Austin tells a personal story of the ways in which persistence, chance, and creativity interact in biomedical research; the conclusions he reaches shed light on the creative process in any field. Austin shows how, in his own investigations, unpredictable events shaped the outcome of his research and brought about novel results. He then goes beyond this story of serendipity to propose a new classification of the varieties of chance, drawing on his own research and examples from the history of science—including the famous accidents that led Fleming to the discovery of penicillin. Finally, he explores the nature of the creative process, considering not only the environmental and neurophysiological correlates of creativity but also the role of intuition in both scientific discoveries and spiritual quests. This updated MIT Press paperback edition includes a new introduction and recent material on medical research, creativity, and spirituality.

Journey to Earthland

This volume brings together a number of scholarly studies on the definition, assessment and measurement of human quality of life. The book contains fundamental analyses of basic concepts such as welfare, wellbeing, happiness and quality of life itself, but contains also discussions on the application of such concepts for measuring purposes mainly in a health care context. Although the approach to these problems in the book is predominantly philosophical, there are also some studies which take a different, mainly sociological and medical, point of view. Most of the authors have a Scandinavian origin and their essays mirror the current debate on quality of life in northern Europe. The book however also contains contributions by distinguished scholars from the U.K., France, Italy and the Netherlands.

Bioethics and Medical Issues in Literature

Global Networks takes up the host of issues raised by the new networking technology that now links individuals, groups, and organizations in different countries and on different continents. The 21 contributions focus on the implementation, applications and impact of computer-mediated communication in a global context.

Medical Ethics in Antiquity

The world's leading scientific thinkers explore bold, remarkable, perilous ideas that could change our lives—for better . . . or for worse . . . From Copernicus to Darwin, to current-day thinkers, scientists have always promoted theories and unveiled discoveries that challenge everything society holds dear; ideas with both positive and dire consequences. Many thoughts that resonate today are dangerous not because they are assumed to be false, but because they might turn out to be true. What do the world's leading scientists and thinkers consider to be their most dangerous idea? Through the leading online forum Edge (www.edge.org), the call went out, and this compelling and easily digestible volume collects the answers. From using medication to permanently alter our personalities to contemplating a universe in which we are utterly alone, to the idea that the universe might be fundamentally inexplicable, *What Is Your Dangerous Idea?* takes an unflinching look at the daring, breathtaking, sometimes terrifying thoughts that could forever alter our world and the way we live in it. Contributors include Daniel C. Dennett • Jared Diamond • Brian Greene • Matt Ridley • Howard Gardner and Freeman Dyson, among others

The Custom-Made Child?

Suppose an accountant discovers evidence of shady practices while examining the books of a client. What should he or she do? Accountants have a professional obligation to respect the confidentiality of their clients' accounts. But, as an ordinary citizen, our accountant may feel that the authorities ought to be informed. Suppose a physician discovers that a patient, a bus driver, has a weak heart. If the patient continues bus driving even after being informed of the heart condition, should the physician inform the driver's company? Respect for patient confidentiality would say, no. But what if the driver should suffer a heart attack while on duty, causing an accident in which people are killed or seriously injured? Would the doctor bear some responsibility for these consequences? Special obligations, such as those of confidentiality, apply to any one in business or the professions. These obligations articulate, at least in part, what it is for someone to be, say, an accountant or a physician. Since these obligations

are special, they raise a real possibility of conflict with the moral principles we usually accept outside of these special relationships in business and the professions. These conflicts may become more accentuated for a professional who is also a corporate employee—a corporate attorney, an engineer working for a construction company, a nurse working as an employee of a hospital.

Forensic Ethics and the Expert Witness

A collection of essays on interdisciplinary theory, research, and teaching.

What Universities Owe Democracy

The Structures of Practical Knowledge investigates the nature of practical knowledge – why, how, when and by whom it is codified, and once codified, how this knowledge is structured. The inquiry unfolds in a series of fifteen case studies, which range in focus from early modern Italy to eighteenth century China. At the heart of each study is a shared definition of practical knowledge, that is, knowledge needed to obtain a certain outcome, whether that be an artistic or mechanical artifact, a healing practice, or a mathematical result. While the content of practical knowledge is widely variable, this study shows that all practical knowledge is formally equivalent in following a defined workflow, as reflected in a construction procedure, a recipe, or an algorithm. As explored in the volume's fifteen contributions, there are three levels at which structures of practical knowledge may be understood and examined. At the most immediate level, there are the individual workflows that encompass practical knowledge itself. Probing further, it is possible to examine the structure of practical knowledge as it is externalized and codified in texts, drawings, and artifacts such as models. Finally, practical knowledge is also related to social structures, which fundamentally determine its dissemination and evolution into new knowledge structures. The social structures of professionals and institutions represent the critical means by which practical knowledge takes form. These actors are the agents of codification, and by means of selection, appropriation, investment, and knowledge development, they determine the formation of new structures of practical knowledge. On a more abstract level, the creation of new knowledge structures is understood as constituting the basis for the further development of scientific knowledge. Rich in subject matter and incisive in the theory it lays out, this volume represents an important contribution to the history of science and epistemology. Individually, the fifteen case studies – encompassing the history of architecture, mining, brewing, glass production, printing, ballistics, mechanics, cartography, cosmology and astronomy – are replete with original research, and offer new insights into the history of science. Taken together, the contributions remodel historical epistemology as a whole, elucidating the underlining knowledge structures that transcend disciplinary boundaries, and that unite practitioners across time and space.

The Penn Center Guide to Bioethics

"A dazzling journey across the sciences and humanities in search of deep laws to unite them." --The Wall Street Journal One of our greatest living scientists--and the winner of two Pulitzer Prizes for *On Human Nature* and *The Ants*--gives us a work of visionary importance that may be the crowning achievement of his career. In *Consilience* (a word that originally meant "jumping together"), Edward O. Wilson renews the Enlightenment's search for a unified theory of knowledge in disciplines that range from physics to biology, the social sciences and the humanities. Using the natural sciences as his model, Wilson forges dramatic links between fields. He explores the chemistry of the mind and the genetic bases of culture. He postulates the biological principles underlying works of art from cave-drawings to *Lolita*. Presenting the latest findings in prose of wonderful clarity and oratorical eloquence, and synthesizing it into a dazzling whole, *Consilience* is science in the path-clearing traditions of Newton, Einstein, and Richard Feynman.

Smart Mice, Not So Smart People

Chase, Chance, and Creativity