

Sex Vs Gender Science

Exploring the Biological Contributions to Human Health - Institute of Medicine 2001-07-02

It's obvious why only men develop prostate cancer and why only women get ovarian cancer. But it is not obvious why women are more likely to recover language ability after a stroke than men or why women are more apt to develop autoimmune diseases such as lupus. Sex differences in health throughout the lifespan have been documented. *Exploring the Biological Contributions to Human Health* begins to snap the pieces of the puzzle into place so that this knowledge can be used to improve health for both sexes. From behavior and cognition to metabolism and response to chemicals and infectious organisms, this book explores the health impact of sex (being male or female, according to reproductive organs and chromosomes) and gender (one's sense of self as male or female in society). *Exploring the Biological Contributions to Human Health* discusses basic biochemical differences in the cells of males and females and health variability between the sexes from conception throughout life. The book identifies key research needs and opportunities and addresses barriers to research. *Exploring the Biological Contributions to Human Health* will be important to health policy makers, basic, applied, and clinical researchers, educators, providers, and journalists-while being very accessible to interested lay readers.

[Encyclopedia of Sex and Gender](#) - Carol R. Ember 2003-12-31

The central aim of this encyclopedia is to give the reader a comparative perspective on issues involving conceptions of gender, gender differences, gender roles, relationships between the genders, and sexuality. The encyclopedia is divided into two volumes: Topics and Cultures. The combination of topical overviews and varying cultural portraits is what makes this encyclopedia a unique reference work for

students, researchers and teachers interested in gender studies and cross-cultural variation in sex and gender. It deserves a place in the library of every university and every social science and health department. Contents:- Glossary. Cultural Conceptions of Gender. Gender Roles, Status, and Institutions. Sexuality and Male-Female Interaction. Sex and Gender in the World's Cultures. Culture Name Index. Subject Index.

Nature Displayed - L.J. Jordanova 2014-06-11

A collection of essays - including 3 that have never been published before - by one of the leading figures in cultural history. Professor Jordanova examines and reinterprets the writings of eighteenth-century thinkers and, in the process, sheds light on contemporary views on issues such as motherhood, sexuality, the body, art and medicine. The volume includes some of the author's most controversial and pioneering work, all the pieces have been revised in the light of the latest historiography and much of the material is published here for the first time.

Sex, Gender, and Science - M. Hird 2004-11-05

In *Sex, Gender and Science*, Myra Hird outlines the social study of science and nature, specifically in relation to 'sex', sex 'differences' and sexuality. She examines how Western understandings of 'sex' are based less upon understanding material sex differences, than on a discourse that emphasizes sex dichotomy over sex diversity and argues for a feminist engagement with scientific debate that embraces the diversity and complexity of nature.

[Gender Medicine](#) - Marek Glezerman 2017-10-24

From heart disease to pain, women are being diagnosed and treated--wrongly--as if they're smaller men; this essential book is the paradigm-shifting call for change.

Delusions of Gender - Cordelia Fine 2012

"This is a vehement attack on the latest pseudo-scientific claims about the differences between the sexes - with the scientific evidence to back it up. Sex discrimination is supposedly a distant memory. Yet popular books, magazines and even scientific articles increasingly defend inequalities by citing immutable biological differences between the male and female brain. Why are there so few women in science and engineering, so few men in the laundry room? Well, they say, it's our brains. Drawing on the latest research in developmental psychology, neuroscience, and social psychology, *Delusions of Gender* rebuts these claims, showing how old myths, dressed up in new scientific finery, help perpetuate the status quo. Cordelia Fine reveals the mind's remarkable plasticity, shows the substantial influence of culture on identity, and, ultimately, exposes just how much of what we consider 'hardwired' is actually malleable" --Publisher's description.

The Psychology of Sex and Gender - Jennifer K. Bosson 2018-01-17

The Psychology of Sex and Gender meets the needs of gender science today, providing students with fresh, contemporary examples, balanced coverage of men and women, and a grounding in psychological science. The dynamic author team of Jennifer K. Bosson, Joseph A. Vandello, and Camille E. Buckner presents classic and cutting-edge research findings, historical contexts, examples from popular culture, cross-cultural universality and variation, and coverage of nonbinary identities, for a full, vibrant picture of the field. In keeping with the growing scholarship of teaching and learning (SOTL), the authors ask students in every chapter to identify and evaluate their own myths and misconceptions, participate in real-world debates on topics at the forefront of the field, and stop to think critically along the way. Students will be talking about this book long after they finish the course, carrying new skills forward into their lives and future careers.

The Meanings of Sex Difference in the Middle Ages - Joan Cadden 1995-03-31

This book examines how scientific ideas about sex differences in the later Middle Ages participated in cultural assumptions about gender.

Brain Storm - Rebecca M. Jordan-Young 2011-10-15

Female and male brains are different, thanks to hormones coursing through the brain before birth. That's taught as fact in psychology textbooks, academic journals, and bestselling books. And these hardwired differences explain everything from sexual orientation to gender identity, to why there aren't more women physicists or more stay-at-home dads. In this compelling book, Rebecca Jordan-Young takes on the evidence that sex differences are hardwired into the brain. Analyzing virtually all published research that supports the claims of 'human brain organization theory,' Jordan-Young reveals how often these studies fail the standards of science. Even if careful researchers point out the limits of their own studies, other researchers and journalists can easily ignore them because brain organization theory just sounds so right. But if a series of methodological weaknesses, questionable assumptions, inconsistent definitions, and enormous gaps between ambiguous findings and grand conclusions have accumulated through the years, then science isn't scientific at all. Elegantly written, this book argues passionately that the analysis of gender differences deserves far more rigorous, biologically sophisticated science. 'The evidence for hormonal sex differentiation of the human brain better resembles a hodge-podge pile than a solid structure...Once we have cleared the rubble, we can begin to build newer, more scientific stories about human development.'

The End of Gender - Debra Soh 2021-08-31

"International sex researcher, neuroscientist, and frequent contributor to *The Globe and Mail* (Toronto) Debra Soh [discusses what she sees as] gender myths in this ... examination of the many facets of gender identity"--

God, Science, Sex, Gender - Patricia Beattie Jung 2010

This text is a timely, wide-ranging attempt to rescue dialogues on human sexuality, sexual diversity, and gender from insular exchanges based primarily on biblical scholarship and denominational ideology.

Sexual Visions - L. J. Jordanova 1989

A statement about the cultural intertwining of science and sexuality. The

author covers the fields of medicine, biological writings, anatomical wax models, paintings, films, poetry and fiction to show how the ever-changing roles of male/female and reason/emotion are central to science.

Better Science with Sex and Gender - Joy L. Johnson 2007

Challenging Popular Myths of Sex, Gender and Biology - Malin Ah-King 2013-11-27

This edited volume challenges popular notions of sex, gender and biology and features international, trans-disciplinary research. The book begins with an exploration of supposedly 'natural' sexual differences, then looks at research in evolutionary biology and examines topics such as gender stereotypes in humans. The first chapters explore important questions: What are the fundamental sex differences? How do genes and hormones influence an individual's sex? Subsequent chapters concern topics including: sex stereotypes in the field of sexual conflict, how the focus on genes in evolutionary biology disregards other means of inheritance, and the development of Darwin's theory of sex differences. The last three chapters look at humans, discussing: an interdisciplinary approach to the evolution of sex differences in body height, biological versus social constructive perspectives on the gendering of voices and nature-culture arguments in the current political debate on paternity leave in Norway.

Sex, Size and Gender Roles - Daphne J. Fairbairn 2007-07-05

Why do males and females frequently differ so markedly in body size and morphology? Sex, Size, and Gender Roles is the first book to investigate the genetic, developmental, and physiological basis of sexual size dimorphism found within and among the major taxonomic groups of animals. Carefully edited by a team of world-renowned specialists in the field to ensure a coherence of style and approach between chapters, it presents a compendium of studies into the evolution, adaptive significance, and developmental basis of gender differences in body size and morphology. Adaptive hypotheses allude to gender-specific reproductive roles and associated differences in trophic ecologies, life history strategies, and sexual selection. This "adaptationist" approach is balanced by more mechanistic studies of the genetic, developmental and

physiological basis of sexual size dimorphism to provide a comprehensive and authoritative overview of the subject. Throughout the volume the emphasis is on sexual dimorphism in overall size; however, the scope of enquiry encompasses gender differences in body shape, the size and structure of secondary sexual characteristics, patterns of growth (ontogeny), and patterns of gene regulation. This advanced, research level text is suitable for graduate level students and researchers in the fields of evolutionary biology, behavioural ecology, physiology, developmental biology, and genetics. It will also be of relevance and use to non-biologists from fields such as anthropology and gender studies.

The Spectrum of Sex - Hida Vilorio 2020-02-21

This transformative guide completely breaks down our current understanding of biological sex and gender diversity. Introducing readers to seven variations of human sex, commonly considered intersex, the book challenges the myth that sex and gender are exclusively binary and explores the inherent diversity of biological sex and its relationship to gender identity and expression, and the impact this has on society. Examining historical, linguistic and socio-cultural understandings of sex and gender, as well as genetic and scientific definitions, the book is an important resource for dismantling gender and sexuality-based discrimination and promoting understanding and inclusivity. Co-written by one of the world's leading intersex activists and a highly respected scholar in biological sciences, and accompanied with detailed anatomical illustrations throughout, this pioneering text is the essential introduction to gender and sex diversity for gender studies, women's studies, biology and genetics courses, as well as professionals working with intersex and trans communities.

Making Sex - Thomas Laqueur 1992-02-01

This is a book about the making and unmaking of sex over the centuries. It tells the astonishing story of sex in the West from the ancients to the moderns in a precise account of developments in reproductive anatomy and physiology. We cannot fail to recognize the players in Thomas Laqueur's story—the human sexual organs and pleasures, food, blood, semen, egg, sperm—but we will be amazed at the plots into which they

have been woven by scientists, political activists, literary figures, and theorists of every stripe. Laqueur begins with the question of why, in the late eighteenth century, woman's orgasm came to be regarded as irrelevant to conception, and he then proceeds to retrace the dramatic changes in Western views of sexual characteristics over two millennia. Along the way, two "master plots" emerge. In the one-sex story, woman is an imperfect version of man, and her anatomy and physiology are construed accordingly: the vagina is seen as an interior penis, the womb as a scrotum, the ovaries as testicles. The body is thus a representation, not the foundation, of social gender. The second plot tends to dominate post-Enlightenment thinking while the one-sex model is firmly rooted in classical learning. The two-sex story says that the body determines gender differences, that woman is the opposite of man with incommensurably different organs, functions, and feelings. The two plots overlap; neither ever holds a monopoly. Science may establish many new facts, but even so, Laqueur argues, science was only providing a new way of speaking, a rhetoric and not a key to female liberation or to social progress. Making Sex ends with Freud, who denied the neurological evidence to insist that, as a girl becomes a woman, the locus of her sexual pleasure shifts from the clitoris to the vagina; she becomes what culture demands despite, not because of, the body. Turning Freud's famous dictum around, Laqueur posits that destiny is anatomy. Sex, in other words, is an artifice. This is a powerful story, written with verve and a keen sense of telling detail (be it technically rigorous or scabrously fanciful). Making Sex will stimulate thought, whether argument or surprised agreement, in a wide range of readers.

Sex/Gender - Anne Fausto-Sterling 2012-04-27

Sex/Gender presents a relatively new way to think about how biological difference can be produced over time in response to different environmental and social experiences. This book gives a clearly written explanation of the biological and cultural underpinnings of gender. Anne Fausto-Sterling provides an introduction to the biochemistry, neurobiology, and social construction of gender with expertise and humor in a style accessible to a wide variety of readers. In addition to the

basics, Sex/Gender ponders the moral, ethical, social and political side to this inescapable subject. An interview with the author! WOMR - The Lowdown with Ira Wood - Sex and Gender Identity with Anne Fausto-Sterling:

<http://www.publicbroadcasting.net/womr/jukebox?action=viewMedia&mediaId=1025429>

Sex, Gender and Society - Ann Oakley 2016-12-05

What are the differences between the sexes? That is the question that Ann Oakley set out to answer in this pioneering study, now established as a classic in the field. To answer it she draws on the evidence of biology, anthropology, sociology and the study of animal behaviour to cut through popular myths and reach the underlying truth. She demonstrates conclusively that men and women are not two separate groups: rather each individual takes his or her place on a continuous scale. She shows how different societies define masculinity and femininity in different and even opposite ways, and discusses how far observable differences are based on biology and psychology and how far on cultural conditioning. Many books have discussed these vital issues. None, however, have drawn on such an impressively wide range of evidence or discussed it with such clarity and authority. Now newly reissued with a substantial introduction which highlights its continuing relevance, this work will continue to inform and shape dialogues around sex and gender for a new generation of scholars and students.

Sex and Gender in Biomedicine - Ineke Klinge 2010

Sex and gender in biomedicine are innovative research concepts of theoretical and clinical medicine that enable a better understanding of health and disease, evidence-based knowledge, effective therapies, and better health outcomes for women and men. Gender Medicine stimulates new ways of doing research: that is to consider sex and gender at all levels of research, from basic research into gene polymorphisms to health behaviour. New research questions have been put forward that focus not on differences per se but on the development of differences. In this book, contributions from the field of neuroscience, addiction research, and organ transplantation exemplify concepts, approaches,

methods and results in the field.

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