

Menstrual Cycle Trait Estrogen Level And Masculinity

The Routledge International Handbook of Social Neuroendocrinology is an authoritative reference work providing a balanced overview of current scholarship spanning the full breadth of the rapidly developing field of social neuroendocrinology. Considering the relationships between hormones, the brain, and social behavior, this collection brings together groundbreaking research in the field for the first time. Featuring 39 chapters written by leading researchers, the handbook offers impressive breadth of coverage. It begins with an overview of the history of social neuroendocrinology before discussing its methodological foundations and challenges. Other topics covered include state-of-the-art research on dominance and aggression; social affiliation; reproduction and pair bonding (e.g., sexual behavior, sexual orientation, romantic relationships); pregnancy and parenting; stress and emotion; cognition and decision making; social development; and mental and physical health. The handbook adopts a lifespan approach to the study of social neuroendocrinology throughout, covering the role that hormones play during gestation, childhood, adolescence, and adulthood. It also illustrates the evolutionary forces that have shaped hormone-behavior associations across species, including research on humans, non-human primates, birds, and rodents. The handbook will serve as an authoritative reference work for researchers, students, and others intrigued by this topic, while also inspiring new lines of research on interactions among hormones, brain, and behavior in social contexts.

This accessible introductory text addresses the core knowledge domain of biological psychology, with focused coverage of the central concepts, research and debates in this key area. Biological Psychology outlines the importance and purpose of the biological approach and contextualises it with other perspectives in psychology, emphasizing the interaction between biology and the environment. Learning features including case studies, review questions and assignments are provided to aid students' understanding and promote a critical approach. Extended critical thinking and skill-builder activities develop the reader's higher-level academic skills.

*How long does it take to decide if a person is hot? Is your lover more likely to get you pregnant than your husband? Can men tell when a woman is fertile? If you've ever wondered how scientists measure love—or whether men really prefer blondes over brunettes—this smart, sexy book provides real answers to these and many other questions about our most baffling dating and mating behaviors. Based on the latest research in biology, evolutionary psychology, neuroscience, and cognitive science, *Do Gentlemen Really Prefer Blondes?* dares to explain the science behind sex—and opens a fascinating window on the intriguing phenomenon of love and attraction. Covering the areas of bodies, brains, and behavior, this eye-opening guide reveals the genetic, hormonal, and psychological secrets behind what makes us tick sexually. For example, do you know why a man's body chemistry and behavior change when he's in a committed relationship? And why, when he becomes a daddy, his testosterone level seems to plummet? And did you know...*

- When a couple first fall in love, their brains are indistinguishable from those of the clinically insane
- You can tell a lot about a person's sexual chemistry just by looking at his or her hands
- Your genes influence whose body odors you prefer
- Being around breast-feeding women may increase a woman's sex drive

*Viewed through the lens of science and instinct, your love life might be seen in a completely different way. *Do Gentlemen Really Prefer Blondes?* provides both an in-depth exploration into our sexual psyches—and fresh advice for men and women who want to discover the secrets of successful relationships. From the Hardcover edition.*

Research conducted over the last fifteen years has placed in question many of the traditional conclusions about the evolution of human female sexuality. Women have not lost estrus, as earlier researchers thought, but it is simply concealed, resulting in two functionally distinct sexualities with markedly different ends in each phase. At the fertile phase of the cycle, women prefer male traits that may mark superior genetic quality, and at infertile phases, they prefer men willing to invest resources in a mate. Thus, women's peri-ovulatory sexuality functions to obtain a sire of superior genetic quality, and is homologous with estrus in other vertebrates. This model sheds light on male human sexuality as well: men perceive and respond to women's estrus, including by increased mate guarding. Men's response is limited, compared to other vertebrate males, implying coevolutionary history of selection on females to conceal estrus from men and selection on men to detect it. Research indicates that women's concealed estrus is an adaptation to copulate conditionally with men other than the pair-bond partner. Women's sexual ornaments—the estrogen-facilitated features of face and body—are honest signals of individual quality pertaining to future reproductive value.

How Women Got Their Curves and Other Just-So Stories

Humanology

In Your Face

The Handbook of Communication Science and Biology

Sex and Gender

The Oxford Handbook of Voice Perception

Using both scientific and feminist approaches in its analysis, *Sex and Gender: A*

Biopsychological Approach provides a current and comprehensive understanding of its titular

topics, making it an invaluable textbook for instructors and students. Sex and gender can only be properly understood when examined in the contexts of biological, psychological, and social processes and the interactions between those processes. The structure of this book facilitates this necessary exhaustive discussion: First section: a biological analysis that discusses evolutionary, cellular, and genetic processes, and their effects on physical and behavioral development Second section: a psychological and sociological analysis that discusses stereotypes, sexism, and theories of gender Final section: a discussion of the current global challenges surrounding sex and gender, such as discrimination and religious and social oppression of various groups Across chapters: bonus features that can be used as discussion topics, student essay topics, or special topics for instructors to expand the text's discussion into the classroom The text's unique focus on biological, psychological, and social processes – as separate entities and interacting processes – make Sex and Gender crucial for a comprehensive and advanced understanding of the subject. This is an essential resource for instructors who want to bring a thorough and complex analysis of sex and gender studies to their classrooms. The human visual system is particularly attuned to and remarkably efficient at processing social cues. This text examines the functional and neuroanatomical mechanisms which underpin social vision.

Knowledge of wild chimpanzees has expanded dramatically. This volume, edited by Martin Muller, Richard Wrangham, and David Pilbeam, brings together scientists who are leading a revolution to discover and explain human uniqueness, by studying our closest living relatives. Their conclusions may transform our understanding of human evolution.

An Integrative Model of Moral Deliberation maintains that current models of moral deliberation do not effectively deal with contemporary moral complexity because they are based on an inadequate theory of moral cognition. Drawing on research in neuroscience, evolutionary psychology, social theory, and dual process cognitive theory and on the work of William James, this book develops a theory of moral cognition which provides a major role for aesthetic sensibilities and upon this theory develops a robust model of moral deliberation. This model portrays moral deliberation as a back and forth movement between intuitive and analytic cognitions, which constructs narrative scenarios and then assesses and revises them according to aesthetic sensibilities.

Sex Differences in Neurology and Psychiatry

State and Trait

Perspectives in Communication Disorders

A Biopsychological Approach

Cognitive and Neural Mechanisms

The Origins of Meaning

Where did we come from? What is our connection with other life forms? What are the mechanisms of mind that define what it means to be a human being? Evolutionary psychology is a revolutionary new science, a true synthesis of modern principles of psychology and evolutionary biology. Since the publication of the award-winning first edition of Evolutionary Psychology, there has been an explosion of research within the field. In this book, David M. Buss examines human behavior from an evolutionary perspective, providing students with the conceptual tools needed to study evolutionary psychology and apply them to empirical research on the human mind. This edition contains expanded coverage of cultural evolution, with a new section on culture–gene co-evolution, additional studies discussing interbreeding between modern humans and Neanderthals, expanded discussions of evolutionary hypotheses that have been empirically disconfirmed, and much more! Evolutionary Psychology features a wealth of student-friendly pedagogy including critical-thinking questions and case study boxes designed to show how to apply evolutionary psychology to real-life situations. It is also accompanied by a thoroughly updated companion website featuring PowerPoints for each chapter, test bank questions, and links to web resources and videos. Evolutionary Psychology is an invaluable resource for undergraduates studying psychology, biology and anthropology.

This third volume of Handbook of Human Performance addresses individual differences in human performance. The book considers both effects related to stable characteristics and those which are a product of either endogenous changes in state, or induced by task performance itself. It includes chapters on intelligence, demographic factors, extra version, and fatigue. Although a wide range of topics is covered, all contributions are linked in a consistent manner to human performance.

So how did women get their curves? Why do they have breasts, while other mammals only develop breast tissue while lactating, and why do women menstruate, when virtually no other beings do so? What are the reasons for female orgasm? Why are human females kept in the dark about their own time of ovulation and maximum fertility, and why are they the only animals to experience menopause? David P. Barash and Judith Eve Lipton, coauthors of acclaimed books on human sexuality and gender, discuss the theories scientists have advanced to explain these evolutionary enigmas (sometimes called "Just-So stories" by their detractors) and present hypotheses of their own. Some scientific theories are based on legitimate empirical data, while others are pure speculation. Barash and Lipton distinguish between what is solid and what remains uncertain, skillfully incorporating their expert knowledge of biology, psychology, animal behavior, anthropology, and human sexuality into their entertaining critiques. Inviting readers to examine the evidence and draw their own conclusions, Barash and Lipton tell an evolutionary suspense story that captures the excitement and thrill of true scientific detection.

More than 200 years after the first speaking machine, we are accustomed to voices that speak from any- and everywhere. We interact daily with voices that emit from house alarm systems, cars, telephones, and digital assistants, such as Alexa and Google Home. However, vocal events still have the capacity to raise age-old questions about the human, the animal,

the machine, and the spiritual-or in non-metaphysical terms-questions about identity and authenticity. In *The Oxford Handbook of Voice Studies*, contributors look to the metaphorical voice as well as the clinical understanding of the vocal apparatus to answer the seemingly innocuous question: What is voice? From a range of disciplines including the humanities, biology, culture, and technology studies, contributors draw on the unique methodologies and values each has at hand to address the uses, meanings, practices, theories, methods, and sounds of the voice. Together, they assess the ways that discipline-specific, ontological, and epistemological assumptions of voice need to shift in order to take the findings of other fields into account. This Handbook thus enables a lively discussion as multifaceted and complex as the voice itself has proven to be.

The Oxford Handbook of Voice Studies

Why Him? Why Her?

Evolutionary Perspectives on Human Sexual Psychology and Behavior

The Oxford Handbook of Sexual Conflict in Humans

The Oxford Handbook of Evolutionary Psychology and Behavioral Endocrinology

Sexual conflict -- what happens when the reproductive interests of males and females diverge -- occurs in all sexually reproducing species, including humans. *The Oxford Handbook of Sexual Conflict in Humans* is the first volume to assemble the latest theoretical and empirical work on sexual conflict in humans from the leading scholars in the fields of evolutionary psychology and anthropology. Following an introductory section that outlines theory and research on sexual conflict in humans and non-humans, ensuing sections discuss human sexual conflict and its manifestations before and during mating. Chapters in these sections address a range of factors topics and factors, including: - Sexual coercion, jealousy, and partner violence and killing - The ovulatory cycle, female orgasm, and sperm competition - Chemical warfare between ejaculates and female reproductive tracts Chapters in the next section address issues of sexual conflict after the birth of a child. These chapters address sexual conflict as a function of the local sex ratio, men's functional (if unconscious) concern with paternal resemblance to a child, men's reluctance to pay child support, and mate expulsion as a tactic to end a relationship. The handbook's concluding section includes a chapter that considers the impact of sexual conflict on a grander scale, notably on cultural, political, and religious systems. Addressing sexual conflict at its molecular and macroscopic levels, *The Oxford Handbook of Sexual Conflict in Humans* is a fascinating resource for the study of intersexual behavior.

Profiles four broad personality types that are determined by brain chemistry to explain why people are attracted to specific partners, counseling readers on how to pursue romantic relationships in accordance with natural compatibilities. 150,000 first printing.

Attraction, mating, reproduction: it is a given that as a species, human beings are concerned with sex. And whether the study compares sexual behaviors of men and women or considers the proportions between nature and nurture, most roads lead back to our distant ancestors and/or our fellow animals. *The Evolution of Sexuality* collects stimulating new empirical findings and theoretical concepts regarding both familiar themes and emerging areas of interest. Following earlier titles in this series, an interdisciplinary panel of contributors examines topics specific to the whys of male and female sex-related behavior, here ranging from biological bases for male same-sex attraction to the seemingly elusive purpose of the female orgasm. This vantage point between biology and psychology gives readers profound insights not just into human differences and similarities, but also why they continue to matter despite our vast understanding of culture and socialization. And intriguing dispatches from the humanities review sexual themes in classic works of literature and explore the role of parent-offspring conflict in the English Revolution of the seventeenth century. Among the topics covered: Sexual conflict and evolutionary psychology: toward a unified framework. Assortative mating, caste, and class. The functional design and phylogeny of female sexuality. Is oral sex a form of mate retention behavior? Two behavioral hypotheses for the evolution of male homosexuality in humans. Sperm competition and the evolution of human sexuality. *The Evolution of Sexuality* will attract evolutionary scientists across a variety of disciplines. Faculty, graduate and undergraduate students, and researchers interested in sexuality will find it a springboard for discussion, debate, and further study.

Discover the answers to 20 burning questions about life and our amazing existence with Ireland's most exciting scientist, Professor Luke O'Neill. Taking us on an incredible journey across centuries and galaxies, accompanied by his characteristic wit, Professor Luke O'Neill explains how it all began, how it all will end and everything in between. Readers will benefit from Luke's insatiable curiosity for life when they dive into this ultimate journey through life and death. Among many fascinating facts, you'll discover the science behind how we got to be so smart, why sex with a caveman was a good idea, the science of finding love, why we follow religions, and how robots will become part of everyday life. *Humanology* is a humbling reminder that we're just a small speck in a big universe -- so sit back and embrace the adventure. 'A man who can explain 4.2 billion years of life on Earth and make me laugh at the same time -- sheer genius.' Pat Kenny, *Newstalk*

Psychology and the Challenges of Life

Do Gentlemen Really Prefer Blondes?

Sex Hormone Fluctuations Across the Female Lifespan: Mechanisms of Action on Brain Structure, Function, and Behavior

This Is Your Brain on Birth Control

A Scientist's Guide to Our Amazing Existence

Voice Attractiveness

This tightly edited volume provides an integrative overview of human bonding from infancy through adulthood. Through an attachment lens, the book synthesizes classic and cutting-edge research on close relationships and their profound impact in everyday life. Topics include infant-caregiver attachment, human social nature, child and adolescent social development, mate selection, love and sexual desire, hooking up and online dating, keys to relationship success, predictors and consequences of relationship dissolution, and the role of social connectedness in psychological adjustment and physical health. Readers get a solid grounding in the concepts, theories, and methods that define contemporary relationship science.

Speech perception has been the focus of innumerable studies over the past decades. While our abilities to recognize individuals by their voice state plays a central role in our everyday social interactions, limited scientific attention has been devoted to the perceptual and cerebral mechanisms underlying nonverbal information processing in voices. *The Oxford Handbook of Voice Perception* takes a comprehensive look at this

emerging field and presents a selection of current research in voice perception. The forty chapters summarise the most exciting research from across several disciplines covering acoustical, clinical, evolutionary, cognitive, and computational perspectives. In particular, this handbook offers an invaluable window into the development and evolution of the 'vocal brain', and considers in detail the voice processing abilities of non-human animals or human infants. By providing a full and unique perspective on the recent developments in this burgeoning area of study, this text is an important and interdisciplinary resource for students, researchers, and scientific journalists interested in voice perception.

An eye-opening book that reveals crucial information every woman taking hormonal birth control should know. This groundbreaking book sheds light on how hormonal birth control affects women--and the world around them--in ways we are just now beginning to understand. By allowing women to control their fertility, the birth control pill has revolutionized women's lives. Women are going to college, graduating, and entering the workforce in greater numbers than ever before, and there's good reason to believe that the birth control pill has a lot to do with this. But there's a lot more to the pill than meets the eye. Although women go on the pill for a small handful of targeted effects (pregnancy prevention and clearer skin, yay!), sex hormones can't work that way. Sex hormones impact the activities of billions of cells in the body at once, many of which are in the brain. There, they play a role in influencing attraction, sexual motivation, stress, hunger, eating patterns, emotion regulation, friendships, aggression, mood, learning, and more. This means that being on the birth control pill makes women a different version of themselves than when they are off of it. And this is a big deal. For instance, women on the pill have a dampened cortisol spike in response to stress. While this might sound great (no stress!), it can have negative implications for learning, memory, and mood. Additionally, because the pill influences who women are attracted to, being on the pill may inadvertently influence who women choose as partners, which can have important implications for their relationships once they go off it. Sometimes these changes are for the better . . . but other times, they're for the worse. By changing what women's brains do, the pill also has the ability to have cascading effects on everything and everyone that a woman encounters. This means that the reach of the pill extends far beyond women's own bodies, having a major impact on society and the world. This paradigm-shattering book provides an even-handed, science-based understanding of who women are, both on and off the pill. It will change the way that women think about their hormones and how they view themselves. It also serves as a rallying cry for women to demand more information from science about how their bodies and brains work and to advocate for better research. This book will help women make more informed decisions about their health, whether they're on the pill or off of it.

This volume in the Springer Series in Evolutionary Psychology presents a state of the art view of the topic of sexuality and sexual behavior drawing on theoretical constructs and research of noted individuals in the field. Comprehensive and multi-disciplinary, this book seeks to provide a broad overview without sacrificing the complexity of a multi-faceted approach. The book is framed by introductory and closing sections that provide a context for the range of ideas contained within. Ample space is provided in designated sections that focus on key areas of sexuality from both male and female perspectives and that include information from primate studies. This volume can serve as a graduate text in sexual behavior in evolutionary terms and as a guide for further research.

Sex, Family, and the Culture Wars

What words don't tell us

Neuroscience of Preference and Choice

The Oxford Handbook of Close Relationships

The Surprising Science of Women, Hormones, and the Law of Unintended Consequences

The Evolution of Sexuality

This handbook includes an overview of those areas of cognition and language processing that are relevant to the field of communication disorders, and provides examples of theoretical approaches to problems and issues in communication disorders. The first section includes a collection of chapters that outline some of the basic considerations and areas of cognition and language that underlie communication processing; a second section explains and exemplifies some of the influential theories of psycholinguistic/cognitive processing; and the third section illustrates theoretical applications to clinical populations. There is coverage of theories that have been either seminal or controversial in the research of communication disorders. Given the increasing multi-cultural workload of many practitioners working with clinical populations, chapters relating to bilingual populations are also included. The volume book provides a single interdisciplinary source where researchers and students can access information on psycholinguistic and cognitive processing theories relevant to clinical populations. A range of theories, models, and perspectives are provided. The range of topics and issues illustrate the relevance of a dynamic interaction between theoretical and applied work, and retains the complexity of psycholinguistic and cognitive theory for readers (both researchers and graduate students) whose primary interest is the field of communication disorders.

This book, a rare melding of human and animal research and theoretical and empirical science, ventures into the most interesting realms of behavioral biology to examine the intimate role of endocrinology in social relationships.

This book examines human psychology and behavior through the lens of modern evolutionary psychology. *Evolutionary Psychology: The New Science of the Mind*, 5/e provides students with the conceptual tools of evolutionary psychology, and applies them to empirical research on the human mind. Content topics are logically arrayed, starting with challenges of survival, mating, parenting, and kinship; and then progressing to challenges of group living, including cooperation, aggression, sexual conflict, and status, prestige, and social hierarchies. Students gain a deep understanding of applying evolutionary psychology to their own lives and all the people they interact with.

Extraordinary social and moral shifts have taken place in Western societies. Sex is no longer the exclusive province of husband and wife set within monogamous married family life. The world is awash in sex: advertising, books, magazines, movies, sex clubs, internet pornography, etc. Parents, traditionally responsible for guiding their children's moral and social development, have been effectively side-lined by commercial and governmental interests. This volume pursues a detailed study of how changes in social life dating from the sexual revolution of the 1960s have affected the family. Cherry shows that attempts to redefine the family away from the marital union of husband and wife come with real costs: social, emotional, psychological, and financial. He argues that while political campaigns have fuelled attempts to undermine the traditional family, to pretend it possesses no basic biological, social, or moral reality, such ideologically driven undertakings are injurious to society. Acting as if there are no consequential differences between traditional marriage and other sexual lifestyles ignores significant data demonstrating the importance of the traditional biological family to the well-being of men and women, and the successful raising of children. The family possesses a biological and moral being that is foundational; an essential building block of society. Cherry argues that the family is the most incontrovertible field of conflict in the culture wars; others might conclude that it is the decisive battleground.

The Oxford Handbook of Women and Competition

Biological Psychology

Studies on Sexy, Likable, and Charismatic Speakers

Bodies, Behavior, and Brains-- the Science Behind Sex, Love, and Attraction

Evolutionary Enigmas

The Science of Affectional Ties

The Handbook of Communication Science and Biology charts the state of the art in the field, describing relevant areas of communication studies where a biological approach has been successfully applied. The book synthesizes theoretical and empirical development in this area thus far and proposes a roadmap for future research. As the biological approach to understanding communication has grown, one challenge has been the separate evolution of research focused on media use and effects and research focused on interpersonal and organizational communication, often with little intellectual conversation between the two areas. *The Handbook of Communication Science and Biology* is the only book to bridge the gap between media studies and human communication, spurring new work in both areas of focus. With contributions from the field's foremost scholars around the globe, this unique book serves as a seminal resource for the training of the current and next generation of communication scientists, and will be of particular interest to media and psychology scholars as well.

Introduction / Maryanne L. Fisher -- Theory and overview -- Competition throughout women's lives / Bobbi Low -- Sexual competition among women : a review of the theory and supporting evidence / Steven Arnocky & Tracy Vaillancourt -- Female intrasexual competition in primates : why human's aren't as progressive as we think / Nicole Scott -- Social status and aggression -- Feminist and evolutionary perspectives of female-female competition, status seeking, and social network formation / Laurette T. Liesen -- Adolescent peer aggression and female reproductive competition / Andrew C. Gallup -- Cooperation drives competition among Tsimane women in the Bolivian Amazon / Stacey L. Rucas -- Competition between female friends / Chenthila Nagamuthu & Elizabeth Page-Gould -- The element of surprise: women of the dark triad / P. Lynne Honey -- Communication and gossip -- Competitive communication among women : the pretty prevail by means of indirect aggression / Grace Anderson -- Gossip and competition among women : how "the gossip" became a woman and how "gossip" became her weapon of choice / Francis T. McAndrew -- Women's talk? : exploring the relationship between gossip, sex, mate competition, and mate poaching / Katelin Sutton & Megan J. Oaten -- Informational warfare : coalitional gossiping as a strategy for within-group aggression / Nicole H. Hess -- Mate availability and mating relationships -- Do women compete for mates when men are scarce? : sex ratio imbalances and women's mate competition cross-culturally / Emily Stone -- Operational sex ratio and female competition : scarcity breeds intensity / Haley M. Dillon, Lora E. Adair, & Gary L. Brase -- The influence of women's mate value on intrasexual competition / Maryanne L. Fisher & Ana María Fernández -- Single and partnered women : competing to obtain and retain high quality men / Gayle Brewer -- I'll have who she's having : mate copying, mate poaching and mate retention / Lora E. Adair, Haley M. Dillon, & Gary L. Brase -- Intrasexual mate competition and breakups : who really wins? / Craig Morris, Melanie L. Beaussart, Chris Reiber, & Linda S. Krajewski -- Endocrinology and psychobiological considerations -- Psychobiological responses to competition in women / Raquel Costa, Miguel A. Serrano, & Alicia Salvador -- The endocrinology of female competition / Kelly Cobey, & Amanda Hahn -- The effect of fertility on women's intrasexual competition / Lambrianos Nikiforidis, Ashley Rae Arsena, & Kristina M. Durante -- Health and aging -- Social aggression, sleep and wellbeing among Sidama women of rural southwestern Ethiopia / Alissa A. Miller & Stacey L. Rucas -- Is female competition at the heart of reproductive suppression and eating disorders? / Catherine Salmon -- Moderation of female-female competition

for matings by competitors' age and parity / Melanie MacEacheron & Lorne Campbell -- Motherhood and family -- Competitive motherhood from a comparative perspective / Katherine A. Valentine, Norman P. Li, & Jose C. Yong -- Cooperative and competitive mothering : from bonding to rivalry in the service of childrearing / Rosemarie I. Sokol-Chang, Rebecca L. Burch & Maryanne L. Fisher -- Conflicting tastes : conflict between female family members in choice of romantic partners / Leif Edward Ottesen Kennair & Robert Biegler -- Darwinian perspectives on women's progonicide / Alita J. Cousins & Theresa Porter -- Physical appearance -- The causes and consequences of women's competitive beautification / Danielle J. DelPriore, Marjorie L. Prokosch, & Sarah E. Hill -- Ravishing rivals : female intrasexual competition and cosmetic surgery / Shelli L. Dubbs, Ashleigh J. Kelly, & Fiona Kate Barlow -- Intrasexual competition among beauty pageant contestants / Rebecca Shaiber, Laura Johnsen & Glenn Geher -- Fashion as a set of signals in female intrasexual competition / Laura Johnsen & Glenn Geher -- Competition in virtual contexts -- Female virtual intrasexual competition and its consequences / Jose C. Yong, Norman P. Li, Katherine A. Valentine, & April R. Smith -- Facebook frenemies and selfie-promotion : women and competition in the digital age / Amanda E. Guitar & Rachael A. Carmen -- Women's use of computer games to practice intrasexual competition / Tami M. Meredith -- Competition in applied settings -- The buzz on the queen bee and other characterizations of women's intrasexual competition at work / Lucie Kocum, Delphine S. Courvoisier, & Sandra Vernon -- Food as a means for female power struggles / Charlotte J. S. De Backer, Liselot Hudders, & Maryanne L. Fisher -- Evolution of artistic and aesthetic propensities through female competitive ornamentation / Marco A. C. Varella, Jaroslava Varella Valentová, & Ana María Fernández -- "Playing like a girl" : women in competition in sport and physical activity / Hayley Russell, Julia Dutove, & Lori Dithurbide -- Conclusion -- Conclusion / Gregory Carter & Maryanne L. Fisher

Sex Differences in Neurology and Psychiatry, Volume 175, addresses this important issue by viewing major neurological and psychiatric conditions through the lens of sexual dimorphism, providing an entirely novel approach to understanding vulnerability factors, as well as potential new treatment strategies in several common neuropsychiatric disorders. The handbook comprises four major sections: (1) Introduction to sex differences in neuroanatomy and neurophysiology, (2) Description of the impact of genetic, epigenetic, sex hormonal and other environmental effects on cerebral sex dimorphism, (3) Review of sex differences in neurologic disorders, and (4) Review of sex differences in psychiatric disorders. Explores sex differences in human neuroanatomy and neurophysiology Offers a pathway toward a gender-specific treatment of neurologic and psychiatric disorders Provides an overview of the genetics of sex hormones, human brain structure, and function, as well as the epigenetics, environment and social context

Two of the most important social skills in humans are the ability to determine the moods of those around us, and to use this to guide our behavior. To accomplish this, we make use of numerous cues. Among the most important are vocal cues from both speech and non-speech sounds. Music is also a reliable method for communicating emotion. It is often present in social situations and can serve to unify a group's mood for ceremonial purposes (funerals, weddings) or general social interactions. Scientists and philosophers have speculated on the origins of music and language, and the possible common bases of emotional expression through music, speech and other vocalizations. They have found increasing evidence of commonalities among them. However, the domains in which researchers investigate these topics do not always overlap or share a common language, so communication between disciplines has been limited. The aim of this Research Topic is to bring together research across multiple disciplines related to the production and perception of emotional cues in music, speech, and non-verbal vocalizations. This includes natural sounds produced by human and non-human primates as well as synthesized sounds. Research methodology includes survey, behavioral, and neuroimaging techniques investigating adults as well as developmental populations, including those with atypical development. Studies using laboratory tasks as well as studies in more naturalistic settings are included.

Finding Real Love By Understanding Your Personality Type

Evolutionary Psychology

The Science of Social Vision: The Science of Social Vision

Expression of emotion in music and vocal communication

Anger and Interpersonal Aggression

Human Bonding

This book provides an in-depth and comprehensive summary of the psychology of close relationships, and showcases classic and contemporary theories, models, and empirical research that have been conducted in the field.

In the 14th edition of this market leading title, *Psychology and the Challenges of Life: Adjustment and Growth*, authors Spencer Rathus and Jeffrey Nevid continue to reflect on the many ways in which psychology relates to the lives we live and the important roles that psychology can play in helping us adjust to the many challenges we face in our daily lives. Throughout the text, the authors explore applications of psychological concepts and principles in meeting life challenges such as managing time, developing self-identity, building and maintaining relationships, adopting healthier lifestyles, coping with stress, and dealing with emotional problems and psychological disorders. The new edition has been thoroughly updated to meet the needs and concerns of a new generation of students. It provides additional information on psychology in the digital age, social media, the current Opioid crisis, as well as offering greater coverage of matters concerning sexuality and gender, and sexual orientation.

The *Oxford Handbook of Evolutionary Psychology and Behavioral Endocrinology* offers a comprehensive and compelling review of research in behavioral endocrinology from an evolutionary perspective on human psychology. Chapters, written by renowned experts on human behavior, explore a number of subtopics within one of three themes (1) development and survival, (2) reproductive behavior, and (3) social and affective behavior. Such topics include hormonal influences on life history strategy, mate choice, aggression, human hierarchical structure, and mood disorders. This Handbook is situated at the intersection of evolutionary psychology and behavioral endocrinology. Its interdisciplinary approach makes it an important resource for a broad spectrum of researchers, graduate students, and advanced undergraduates who are interested in studying the

motivations and mechanisms that affect behavior.

In our daily lives, in our memories and fantasies, our mental worlds overflow with faces. But what do we really know about this most remarkable feature of the human body? Why do we have faces at all, and brains that are good at reading them? What do our looks say – and not say – about our personalities? And perhaps the most compelling question of all: Why are we attracted to some faces more than others? In *Your Face* is an engaging and authoritative tour of the science of facial beauty and face perception. David Perrett, the pre-eminent scholar in the field, reveals and interprets the most remarkable findings and in the process demolishes many popular myths, setting the record straight on what neuroscience and evolutionary psychology are teaching us about beauty. The record is more surprising and often more unsettling than you might think.

The Evolutionary Biology of Human Female Sexuality

The Cambridge Handbook of Evolutionary Perspectives on Sexual Psychology: Volume 1, Foundations

Language in the Light of Evolution

Nonverbal Communication in Close Relationships

Functional and Structural Brain Alterations in Headache: A Trait or a State?

Endocrinology of Social Relationships

In this, the first of two ground-breaking volumes on the nature of language in the light of the way it evolved, James Hurford looks at how the world first came to have a meaning in the minds of animals and how in humans this meaning eventually came to be expressed as language. He reviews a mass of evidence to show how close some animals, especially primates and more especially apes, are to the brink of human language. Apes may not talk to us but they construct rich cognitive representations of the world around them, and here, he shows, are the evolutionary seeds of abstract thought – the means of referring to objects, the memory of events, even elements of the propositional thinking philosophers have hitherto reserved for humans. What then, he asks, is the evolutionary path between the non-speaking minds of apes and our own speaking minds? Why don't apes communicate the richness of their thoughts to each other? Why do humans alone have a unique disposition to reveal their thoughts in complex detail? Professor Hurford searches a wide range of evidence for the answers to these central questions, including degrees of trust, the role of hormones, the ability to read minds, and the willingness to cooperate. Expressing himself congenially in consistently colloquial language the author builds up a vivid picture of how mind, language, and meaning evolved over millions of years. His book is a landmark contribution to the understanding of linguistic and thinking processes, and the fullest account yet published of the evolution of language and communication. "A wonderful read – lucid, informative, and entertaining, while at the same time never talking down to the reader by sacrificing argumentation for the sake of 'simplicity'. Likely to be heralded as the major publication dealing with language evolution to date.

Frederick J. Newmeyer, University of Washington

One of the most pressing questions in neuroscience, psychology and economics today is how does the brain generate preferences and make choices? With a unique interdisciplinary approach, this volume is among the first to explore the cognitive and neural mechanisms mediating the generation of the preferences that guide choice. From preferences determining mundane purchases, to social preferences influencing mating choice, through to moral decisions, the authors adopt diverse approaches to answer the question. Chapters explore the instability of preferences and the common neural processes that occur across preferences. Edited by one of the world's most renowned cognitive neuroscientists, each chapter is authored by an expert in the field, with a host of international contributors. Emphasis on common process underlying preference generation makes material applicable to a variety of disciplines – neuroscience, psychology, economics, law, philosophy, etc. Offers specific focus on how preferences are generated to guide decision making, carefully examining one aspect of the broad field of neuroeconomics and complementing existing volumes Features outstanding, international scholarship, with chapters written by an expert in the topic area

The interface of sexual behavior and evolutionary psychology is a rapidly growing domain, rich in psychological theories and data as well as controversies and applications. With nearly eighty chapters by leading researchers from around the world, and combining theoretical and empirical perspectives, *The Cambridge Handbook of Evolutionary Perspectives on Sexual Psychology* is the most comprehensive and up-to-date reference work in the field. Providing a broad yet in-depth overview of the various evolutionary principles that influence all types of sexual behaviors, the handbook takes an inclusive approach that draws on a number of disciplines and covers nonhuman and human psychology. It is an essential resource for both established researchers and students in psychology, biology, anthropology, medicine, and criminology, among other fields. Volume 1: Foundations of Evolutionary Perspectives on Sexual Psychology addresses foundational theories and methodological approaches.

This book addresses various aspects of acoustic-phonetic analysis, including voice quality and fundamental frequency, and the effects of speech fluency and non-native accents, by examining read speech, public speech, and conversations. Voice is a sexually dimorphic trait that can convey important biological and social information about the speaker, and empirical findings suggest that voice characteristics and preferences play an important role in both intra- and intersexual selection, such as competition and mating, and social evaluation. Discussing evaluation criteria like physical attractiveness, pleasantness, likability, and even persuasiveness and charisma, the book bridges the gap between social and biological views on voice attractiveness. It presents conceptual, methodological and empirical work applying methods such as passive listening tests, psychoacoustic rating experiments, and crowd-sourced and interactive scenarios and highlights the diversity not only of the methods used when studying voice attractiveness, but also of the domains investigated, such as politicians' speech, experimental speed dating, speech synthesis, vocal pathology, and voice preferences in human interactions as well as in human-computer and human-robot interactions. By doing so, it identifies widespread and complementary approaches and establishes common ground for further research.

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