

The Cambridge Encyclopedia Of Human Evolution Cambridge Reference Book

Esta enciclopedia presenta numerosas experiencias y discernimientos de profesionales de todo el mundo sobre discusiones y perspectivas de la la interacción hombre-computadoras

This volume contains 82 chapters that provide detail and understanding to the fields of human and medical virology. The first section describes general features of common human viruses with specialized chapters related to HIV/AIDS. The volume goes on to describe exotic virus infections, including one now eradicated virus (smallpox) and some now controlled by vaccination such as yellow fever. Concepts of medical virology are further developed with entries on viruses associated with oncogenesis and selections of interest to medical virology. The most comprehensive single-volume source providing an overview of virology issues related to human and medical applications Bridges the gap between basic undergraduate texts and specialized reviews Concise and general overviews of important topics within the field will help in preparation of lectures, writing reports, or drafting grant applications

The Cambridge Encyclopedia of Human Paleopathology is a major reference work for all those interested in the identification of disease in human remains. Many diseases leave characteristic lesions and deformities on human bones, teeth and soft tissues that can be

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identified many years after death. This comprehensive volume includes all conditions producing effects recognizable with the unaided eye. Detailed lesion descriptions and over 300 photographs and diagrams facilitate disease recognition and each condition is placed in context with discussion of its history, antiquity, etiology, epidemiology, geography, and natural history. Uniquely, diseases affecting the soft tissues are also included as these are commonly present in mummified remains.

This volume is a comprehensive reference work on the life, labors, and influence of the great evolutionist Charles Darwin. With more than sixty essays written by an international group representing the leading scholars in the field, this is the definitive work on Darwin. It covers the background to Darwin's discovery of the theory of evolution through natural selection, the work he produced and his contemporaries' reactions to it, and evaluates his influence on science in the 150 years since the publication of *Origin of Species*. It also explores the implications of Darwin's discoveries in religion, politics, gender, literature, culture, philosophy, and medicine, critically evaluating Darwin's legacy. Fully illustrated and clearly written, it is suitable for scholars and students as well as the general reader. The wealth of information it provides about the history of evolutionary thought makes it a crucial resource for understanding the controversies that surround evolution today.

This book was the first handbook where the world's foremost 'experts on expertise' reviewed our scientific knowledge on expertise and expert performance and

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how experts may differ from non-experts in terms of their development, training, reasoning, knowledge, social support, and innate talent. Methods are described for the study of experts' knowledge and their performance of representative tasks from their domain of expertise. The development of expertise is also studied by retrospective interviews and the daily lives of experts are studied with diaries. In 15 major domains of expertise, the leading researchers summarize our knowledge on the structure and acquisition of expert skill and knowledge and discuss future prospects. General issues that cut across most domains are reviewed in chapters on various aspects of expertise such as general and practical intelligence, differences in brain activity, self-regulated learning, deliberate practice, aging, knowledge management, and creativity.

Looks at the variety, history, structure, and behavior of language, and discusses language learning, foreign language teaching, and linguistics

Rarely has a book so packed with accurate and well researched factual information been so widely read and popularly acclaimed. This Second Edition of The Cambridge Encyclopedia of the English Language has been fully revised for a new generation of language-lovers. The book is longer and includes extensive new material on world English and Internet English, in addition to completely updated statistics, further reading suggestions and other references. First Edition Hb (1995): 0-521-40179-8 First Edition Pb (1997): 0-521-59655-6 David Crystal is a leading authority on language, and author of many books, including most

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recently Shakespeare's Words (Penguin, 2002), Language and the Internet (Cambridge, 2001) and Language Death (Cambridge, 2000). An internationally renowned writer, journal editor, lecturer and broadcaster, he received an Order of the British Empire in 1995 for his services to the English language.

The interactions of humans with their changing environment is the main objective of the study of human geography. The interests of geographers range widely, but their perspective addresses the significance of place, spatiality, and landscape as the settings in which humans live. This outstanding reference work is the most comprehensive, up-to-date, and in-depth coverage of the discipline. Its sources are authoritative and international, and represent a critical overview of the range of issues that human geographers address, of the methods they use in their research, and of the relevance of human geography to the world. Since publication of the International Encyclopedia of Human Geography in 2009 much has changed in the field. Our world is more diverse, multicultural, and multinational. The new edition embraces this diversity by design, and captures the ways in which humans share places, as well as the differences - according to gender, race, nationality, location and other factors - that make people and places different. Questions of, for example, politics, economics, race relations, and migration, are introduced and discussed through a

geographical lens. The first edition was celebrated as providing an authoritative overview of all aspects of the field, covering wide-ranging topics across social sciences. The second edition sees an enhanced focus on key areas such as population, nature/environment and social, cultural and political geography. Once again it will assist the audience in their research by providing factual information, historical perspective, theoretical approaches, reviews of the literature, and provocative topical discussion to stimulate creative thinking. Ultimately, this second edition will ensure readers gain a better understanding of the issues of a diverse world via the tools of human geography. The International Encyclopedia of Human Geography, Second Edition, is an easily accessible, interdisciplinary and fully comprehensive source of information in what is a fascinating discipline of social science, and is essential reading for students, researchers, members of the media and public policy analysts interested in this subject. The most up-to-date and comprehensive coverage of human geography in one place Extensive scope and depth of coverage Emphasis on how geographers interact with, understand, and contribute to problem solving in the contemporary world and contemporary social problems Emphasis on how geography is relevant in a social and interdisciplinary context

The First Edition of The Sun from Space, completed

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in 1999, focused on the early accomplishments of three solar spacecraft, SOHO, Ulysses, and Yohkoh, primarily during a minimum in the Sun's 11-year cycle of magnetic activity. The comprehensive Second Edition includes the main findings of these three spacecraft over an entire activity cycle, including two minima and a maximum, and discusses the significant results of six more solar missions. Four of these, the Hinode, RHESSI, STEREO, and TRACE missions were launched after the First Edition was either finished or nearly so, and the other two, the ACE and Wind spacecraft, extend our investigations from the Sun to its varying input to the Earth. The Second Edition does not contain simple updates or cosmetic patch ups to the material in the First Edition. It instead contains the relevant discoveries of the past decade, integrated into chapters completely rewritten for the purpose. This provides a fresh perspective to the major topics of solar enquiry, written in an enjoyable, easily understood text accessible to all readers, from the interested layperson to the student or professional. Written by the foremost experts in human intelligence. It not only includes traditional topics, such as the nature, measurement, and development of intelligence, but also contemporary research into intelligence and video games, collective intelligence, emotional intelligence, and leadership intelligence. In an area of study that has been fraught with

ideological differences, this Handbook provides scientifically balanced and objective chapters covering a wide range of topics. It does not shy away from material that historically has been emotionally charged and sometimes covered in biased ways, such as intellectual disability, race and intelligence, culture and intelligence, and intelligence testing. The overview provided by this two-volume set leaves virtually no area of intelligence research uncovered, making it an ideal resource for undergraduates, graduate students, and professionals looking for a refresher or a summary of the new developments. Available online via SciVerse ScienceDirect, or in print for a limited time only, The International Encyclopedia of Housing and Home is the first international reference work for housing scholars and professionals, that uses studies in economics and finance, psychology, social policy, sociology, anthropology, geography, architecture, law, and other disciplines to create an international portrait of housing in all its facets: from meanings of home at the microscale, to impacts on macro-economy. This comprehensive work is edited by distinguished housing expert Susan J. Smith, together with Marja Elsinga, Ong Seow Eng, Lorna Fox O'Mahony and Susan Wachter, and a multi-disciplinary editorial team of 20 world-class scholars in all. Working at the cutting edge of their subject, liaising with an expert editorial advisory board, and engaging with policy-

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makers and professionals, the editors have worked for almost five years to secure the quality, reach, relevance and coherence of this work. A broad and inclusive table of contents signals (or testifies to) detailed investigation of historical and theoretical material as well as in-depth analysis of current issues. This seven-volume set contains over 500 entries, listed alphabetically, but grouped into seven thematic sections including methods and approaches; economics and finance; environments; home and homelessness; institutions; policy; and welfare and well-being. Housing professionals, both academics and practitioners, will find *The International Encyclopedia of Housing and Home* useful for teaching, discovery, and research needs. International in scope, engaging with trends in every world region The editorial board and contributors are drawn from a wide constituency, collating expertise from academics, policy makers, professionals and practitioners, and from every key center for housing research Every entry stands alone on its merits and is accessed alphabetically, yet each is fully cross-referenced, and attached to one of seven thematic categories whose 'wholes' far exceed the sum of their parts

This introduction to human dignity explores the history of the notion from antiquity to the nineteenth century, and the way in which dignity is conceptualised in non-Western contexts. Building on

this, it addresses a range of systematic conceptualisations, considers the theoretical and legal conditions for human dignity as a useful notion and analyses a number of philosophical and conceptual approaches to dignity. Finally, the book introduces current debates, paying particular attention to the legal implementation, human rights, justice and conflicts, medicine and bioethics, and provides an explicit systematic framework for discussing human dignity. Adopting a wide range of perspectives and taking into account numerous cultures and contexts, this handbook is a valuable resource for students, scholars and professionals working in philosophy, law, history and theology. Introduces the variety of life on Earth, looks at thirty thousand years of biological evolution, and examines the factors which influence the life span of humans. Profiles hunting and gathering peoples from around the world, and discusses such topics as prehistory, social life, gender, music and art, health, religion, and indigenous knowledge.

The Encyclopedia of Food and Health provides users with a solid bridge of current and accurate information spanning food production and processing, from distribution and consumption to health effects. The Encyclopedia comprises five volumes, each containing comprehensive, thorough coverage, and a writing style that is succinct and straightforward. Users will find this to be a meticulously organized resource of the best available summary and conclusions on each topic. Written from a truly international

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perspective, and covering of all areas of food science and health in over 550 articles, with extensive cross-referencing and further reading at the end of each chapter, this updated encyclopedia is an invaluable resource for both research and educational needs. Identifies the essential nutrients and how to avoid their deficiencies Explores the use of diet to reduce disease risk and optimize health Compiles methods for detection and quantitation of food constituents, food additives and nutrients, and contaminants Contains coverage of all areas of food science and health in nearly 700 articles, with extensive cross-referencing and further reading at the end of each chapter

The Encyclopedia of Food Security and Sustainability covers the hottest topics in the science of food sustainability, providing a synopsis of the path society is on to secure food for a growing population. It investigates the focal issue of sustainable food production in relation to the effects of global change on food resources, biodiversity and global food security. This collection of methodological approaches and knowledge derived from expert authors around the world offers the research community, food industry, scientists and students with the knowledge to relate to, and report on, the novel challenges of food production and sustainability. This comprehensive encyclopedia will act as a platform to show how an interdisciplinary approach and closer collaboration between the scientific and industrial communities is necessary to strengthen our existing capacity to generate and share research data. Offers readers a 'one-stop' resource on the topic of food security and sustainability Contains articles split into sections based on the various dimensions of Food Security and Food Sustainability Written by academics and practitioners from various fields and regions with a "farm to fork understanding Includes concise and accessible chapters, providing an authoritative introduction for non-

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specialists and readers from undergraduate level upwards, as well as up-to-date foundational content for those familiar with the field

David Crystal's classic *English as a Global Language* considers the history, present status and future of the English language, focusing on its role as the leading international language. English has been deemed the most 'successful' language ever, with 1500 million speakers internationally, presenting a difficult task to those who wish to investigate it in its entirety. However, Crystal explores the subject in a measured but engaging way, always backing up observations with facts and figures. Written in a detailed and fascinating manner, this is a book written by an expert both for specialists in the subject and for general readers interested in the English language.

Updated and expanded to 124 entries, *The Cambridge Encyclopedia of Child Development* remains the authoritative reference in the field.

Encyclopedia of Reproduction, Second Edition comprehensively reviews biology and abnormalities, also covering the most common diseases in humans, such as prostate and breast cancer, as well as normal developmental biology, including embryogenesis, gestation, birth and puberty. Each article provides a comprehensive overview of the selected topic to inform a broad spectrum of readers, from advanced undergraduate students, to research professionals. Chapters also explore the latest advances in cloning, stem cells, endocrinology, clinical reproductive medicine and genomics. As reproductive health is a fundamental component of an individual's overall health status and a central determinant of quality of life, this book provides the most extensive and authoritative reference within the field. Provides a one-stop shop for information on reproduction that is not available elsewhere Includes extensive coverage of the

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full range of topics, from basic, to clinical considerations, including evolutionary advances in molecular, cellular, developmental and clinical sciences Includes multimedia and interactive teaching tools, such as downloadable PowerPoint slides, video content and interactive elements, such as the Virtual Microscope

The Cambridge Encyclopedia to Human Evolution
The Cambridge Encyclopedia of Human Growth and Development
Cambridge University Press

Palaeopathology of Children: Identification of Pathological Conditions in the Human Skeletal Remains of Non-Adults provides archaeological examples of pathological child remains with varying degrees of disease manifestation, and where possible, presents illustrations of individually affected bones to help with identification. The structure and inclusion of photographs and summary diagnostic tables make this suitable for use as a textbook. Each chapter includes a table of international archaeological cases collated by the author from published and unpublished literature. Child skeletal remains come in a variety of different sizes, with bones appearing and fusing at different times during growth. Identifying pathology in such unfamiliar bones can be a challenge, and we often rely on photographs of clinical radiographs or intact anatomical specimens to try and interpret the lesions we see in archaeological material. These are usually the most extreme examples of the disease, and do not account for the wide degree of variation we may see in skeletal remains. Provides a comprehensive review of the types of pathological conditions identified in non-adult skeletal remains Contains chapters that tackle a particular disease classification Features for each condition are described and illustrated to aid in the identification

Introduction to human evolution with coverage

ranging from genetics to demography and disease. Includes diagrams, maps, and photographs.

The Dictionary of Human Biology and Evolution (DHBE) is an invaluable research and study tool for both professionals and students covering a broad range of subjects within human biology, physical anthropology, anatomy, auxology, primatology, physiology, genetics, paleontology and zoology. Packed with 13000 descriptions of terms, specimens, sites and names, DHBE also includes information on over 1000 word roots, taxonomies and reference tables for extinct, recent and extant primates, geological and oxygen isotope chronologies, illustrations of landmarks, bones and muscles and an illustration of current hominid phylogeny, making this a must-have volume for anyone with an interest in human biology or evolution. DHBE is especially complete in its inventory of archaeological sites and the best-known hominid specimens excavated from them, but also includes up-to-date information on terms such as *in silico*, and those relating to the rapidly developing fields of human genomics.

The implications of tool-use behaviour in chimpanzees for reconstructing the evolutionary origins of human culture are discussed in this book. Comprehensive account of the intense biological, commercial, and cultural exchanges, and the creation of global connections, between 1400 and

1800.

The Encyclopedia of Adolescence breaks new ground as an important central resource for the study of adolescence. Comprehensive in breath and textbook in depth, the Encyclopedia of Adolescence – with entries presented in easy-to-access A to Z format – serves as a reference repository of knowledge in the field as well as a frequently updated conduit of new knowledge long before such information trickles down from research to standard textbooks. By making full use of Springer's print and online flexibility, the Encyclopedia is at the forefront of efforts to advance the field by pushing and creating new boundaries and areas of study that further our understanding of adolescents and their place in society. Substantively, the Encyclopedia draws from four major areas of research relating to adolescence. The first broad area includes research relating to "Self, Identity and Development in Adolescence". This area covers research relating to identity, from early adolescence through emerging adulthood; basic aspects of development (e.g., biological, cognitive, social); and foundational developmental theories. In addition, this area focuses on various types of identity: gender, sexual, civic, moral, political, racial, spiritual, religious, and so forth. The second broad area centers on "Adolescents' Social and Personal Relationships". This area of research examines the nature and

influence of a variety of important relationships, including family, peer, friends, sexual and romantic as well as significant nonparental adults. The third area examines "Adolescents in Social Institutions". This area of research centers on the influence and nature of important institutions that serve as the socializing contexts for adolescents. These major institutions include schools, religious groups, justice systems, medical fields, cultural contexts, media, legal systems, economic structures, and youth organizations. "Adolescent Mental Health" constitutes the last major area of research. This broad area of research focuses on the wide variety of human thoughts, actions, and behaviors relating to mental health, from psychopathology to thriving. Major topic examples include deviance, violence, crime, pathology (DSM), normalcy, risk, victimization, disabilities, flow, and positive youth development.

This scholarly work is the most comprehensive existing resource on human physical appearance—how people's outer physical characteristics and their inner perceptions and attitudes about their own appearance (body image) affect their lives. The encyclopedia's 117 full-length chapters are composed and edited by the world's experts from a range of disciplines—social, behavioral, and biomedical sciences. The extensive topical coverage in this valuable reference work

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includes: (1) Important theories, perspectives, and concepts for understanding body image and appearance; (2) Scientific measurement of body image and physical attributes (anthropometry); (3) The development and determinants of human appearance and body image over the lifespan; (4) How culture and society influences the meanings of human appearance; (5) The psychosocial effects of appearance-altering disease, damage, and visible differences; (6) Appearance self-change and self-management; (7) The prevention and treatment of body image problems, including psychosocial and medical interventions. Chapters are written in a manner that is accessible and informative to a wide audience, including the educated public, college and graduate students, and scientists and clinical practitioners. Each well-organized chapter provides a glossary of definitions of any technical terms and a Further Reading section of recommended sources for continued learning about the topic. Available online via ScienceDirect or in a limited-release print version. The Encyclopedia of Body Image and Human Appearance is a unique reference for a growing area of scientific inquiry. It brings together in one source the research from experts in a variety of fields examining this psychological and sociological phenomenon. The breadth of topics covered, and the current fascination with this subject area ensure this reference will be of interest to researchers and a lay

audience alike

Have you lost track of developments in generative linguistics, finding yourself unsure about the distinctive features of Minimalism? Would you like to know more about recent advances in the genetics of language, or about right hemisphere linguistic operation? Has your interest in narrative drawn you to question the relation between stories and grammars? The Cambridge Encyclopedia of the Language Sciences addresses these issues, along with hundreds of others. It includes basic entries for those unfamiliar with a given topic and more specific entries for those seeking more specialized knowledge. It incorporates both well-established findings and cutting-edge research and classical approaches and new theoretical innovations. The volume is aimed at readers who have an interest in some aspect of language science but wish to learn more about the broad range of ideas, findings, practices, and prospects that constitute this rapidly expanding field, a field arguably at the center of current research on the human mind and human society.

A comprehensive and accessible summary of human growth and development for students and professionals alike.

Amazing photographs and illustrations with lively text to explain the amazing human body.

Most archaeologists and bioarchaeologists receive

little or no training in the recognition of skeletal remains of fetuses, infants, and children. Yet many research sites may contain such materials. Without a framework for identifying the bones or the excavation techniques suited to their recovery, archaeologists may often overlook subadult skeletal remains or even confuse them with animal bones. The *Osteology of Infants and Children* fills the need for a field and lab manual on this important topic and provides a supplemental textbook for human osteology courses. Focusing on juvenile skeletons, their recovery and identification, and siding in both field and lab settings, the volume provides basic descriptions and careful illustrations of each skeletal element at varying stages of development, along with sections on differentiation from other bones and siding tips. The book offers detailed treatment of the skull and teeth, including the cranial vault and facial bones, and examines the infracranial skeleton: vertebrae, pelvis, chest, shoulders, arms, hands, legs, and feet. A quick reference guide explains age estimation and identification templates. The illustrations are enhanced by photographs from two recent archaeology projects in Egypt, at Abydos and Dakhleh Oasis. The extensive collection of fetal and child remains from these sites provides new reference material unavailable in previous publications, making this manual an unparalleled resource in the field of physical anthropology.

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The Encyclopedia of Human Behavior, Second Edition is an award-winning three-volume reference on human action and reaction, and the thoughts, feelings, and physiological functions behind those actions. Presented alphabetically by title, 300 articles probe both enduring and exciting new topics in physiological psychology, perception, personality, abnormal and clinical psychology, cognition and learning, social psychology, developmental psychology, language, and applied contexts. Written by leading scientists in these disciplines, every article has been peer-reviewed to establish clarity, accuracy, and comprehensiveness. The most comprehensive reference source to provide both depth and breadth to the study of human behavior, the encyclopedia will again be a much-used reference source. This set appeals to public, corporate, university and college libraries, libraries in two-year colleges, and some secondary schools. Carefully crafted, well written, and thoroughly indexed, the encyclopedia helps users—whether they are students just beginning formal study of the broad field or specialists in a branch of psychology—understand the field and how and why humans behave as we do. Named a 2013 Outstanding Academic Title by the American Library Association's Choice publication Concise entries (ten pages on average) provide foundational knowledge of the field Each article features suggested further

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readings, a list of related websites, a 5-10 word glossary and a definition paragraph, and cross-references to related articles in the encyclopedia. Newly expanded editorial board and a host of international contributors from the United States, Australia, Belgium, Canada, France, Germany, Ireland, Israel, Japan, Sweden, and the United Kingdom.

Encyclopedia of Biomedical Gerontology presents a wide range of topics, ranging from what happens in the body during aging, the reasons and mechanisms relating to those age-related changes, and their clinical, psychological and social modulators and determinants. The book covers the biological and medical aspects of gerontology within the general framework of the biological basis of assessing age, biological mechanisms of aging, age-related changes in biological systems, human age-related diseases, the biomedical practicality and impracticality of interventions, and finally, the ethics of intervention. Provides a 'one-stop' resource to information written by world-leading scholars in the field of biomedical gerontology. Fills a critical gap of information in a field that has seen significant progress in the last 10 years.

The Encyclopedia of Human Resource Management is an authoritative and comprehensive reference resource with almost 400 entries on core HR areas and key concepts. From age discrimination, to zero

hours contracts, each entry reflects the views of an expert and authoritative author. The terms included vary from singular concepts such as performance appraisal and industrial conflict, to organisational behaviour terms including organisational culture and commitment; and broader management terms such as a resourcing and management development. Each entry provides a list of references and further reading to enable the reader to gain a deeper awareness and understanding of each topic. This book is an ideal companion to a standard HRM textbook, and both undergraduate and postgraduate students will find it to be of value. It will also be useful for academic researchers, HR practitioners and policy specialists looking for a succinct expert summary of key HR concepts.

A Companion to Paleopathology offers a comprehensive overview of this rapidly growing sub-field of physical anthropology. Presents a broad overview of the field of paleopathology, integrating theoretical and methodological approaches to understand biological and disease processes throughout human history Demonstrates how paleopathology sheds light on the past through the analysis of human and non-human skeletal materials, mummified remains and preserved tissue Integrates scientific advances in multiple fields that contribute to the understanding of ancient and historic diseases, such as epidemiology, histology,

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radiology, parasitology, dentistry, and molecular biology, as well as archaeological, archival and historical research. Highlights cultural processes that have an impact on the evolution of illness, death and dying in human populations, including subsistence strategies, human environmental adaptations, the effects of malnutrition, differential access to resources, and interpersonal and intercultural violence

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