

Cannabis And Cognitive Functioning International Research Monographs In The Addictions

Marijuana Medical HandbookForbidden DrugsBibliographic Guide to PsychologyReport of the International Narcotics Control Board for 2018Marijuana and Mental HealthApplied Clinical NeuropsychologyCannabis, Health RisksHandbook of CannabisCannabis Use and DependenceNeuropathology of Drug Addictions and Substance Misuse Volume 1The Praeger International Collection on Addictions: Psychobiological profilesNeurocognitive and Personality Function in MDMA and Polydrug UsersCannabis and Cognitive FunctioningThe Health Effects of Cannabis and CannabinoidsTherapeutic Uses of CannabisDissertation Abstracts InternationalThe Routledge International Handbook of PsychobiologyContemporary Health Issues on MarijuanaCanadian Journal of PsychiatryForthcoming BooksMarijuana and MadnessThe Paced Auditory Serial Addition Test (PASAT) as a Measure of Working MemoryNeuropsychological Practice with VeteransThe International Journal of the AddictionsThe Clinical Neuropsychiatry of Multiple SclerosisHandbook of Cannabis and Related PathologiesHandbook of Pediatric NeuropsychologyMarijuana and the WorkplaceCannabis ScienceThe International Handbook of Addiction BehaviourMarijuana Myths, Marijuana FactsProspective Memory in HIV-1 InfectionCannabis PolicyHandbook of Cannabis and Related PathologiesMarijuana and MedicineWeed ScienceCannabis Physiopathology Epidemiology DetectionAddiction, An Issue of Psychiatric Clinics - E-BookThe Health and Social Effects of Nonmedical Cannabis UseEncyclopedia of Global Health

Marijuana Medical Handbook

This completely new and updated issue takes a focused look at addiction psychiatry in three sections: Diagnostics, Therapeutics, and New Directions. Dr. Danovitch, from Cedars-Sinai and Dr. Mariani from Columbia hone in on the most rapidly advancing and relevant areas of addiction for practitioners today, from defining addiction (implications of DSM-V), to genetics and neurobiology, to specific treatment options for a variety of patient populations: for pregnant women, adolescents, and patients suffering from chronic pain, for example. A variety of addiction types are discussed (ie, opioid, stimulant, and cannabis). The issue closes with discussions of emerging trends, systems of care, investigational therapeutics and the role of the criminal justice system.

Forbidden Drugs

Bibliographic Guide to Psychology

Approximately 30-50% of individuals infected with HIV-1 exhibit neuropsychological (NP) impairment, which is associated with neuropathology preferentially affecting the fronto-striato-thalamo-cortical circuits. Specifically, a frontal-subcortical pattern of encoding and retrieval deficits is evident on tests of retrospective episodic memory (i.e., recalling past information). Importantly, such deficits have been linked to problems performing instrumental activities of daily living (IADLs), in particular, medication adherence. One episodic memory construct, ubiquitous in everyday life, but not yet examined in HIV-1, is prospective memory (ProM), which involves the complex processes of forming, monitoring, and executing future intentions vis-à-vis ongoing distractions. The current study examined ProM in 42 HIV-1-infected participants (HIV+) and 29 demographically comparable healthy controls (HC). Results showed that the HIV+ group demonstrated poorer ProM functioning than HC (Cohen's $d = -0.92$). The HIV+ group exhibited deficits in both time and event based ProM, committed more 24-hour delay ProM failures, and were more likely to make ProM task substitution errors than HC. No group differences were observed on the recognition trial, indicating HIV+ individuals accurately retained and recognized ProM intentions when provided a structured format that minimized retrieval demands. Within the HIV+ sample, IADL dependent individuals demonstrated poorer ProM than IADL independent participants (Cohen's $d = -1.25$) but comparable retrospective memory (Cohen's d range = -0.17 to -0.37). Finally, significant correlations between ProM and measures of executive functioning, learning, verbal working memory, and information processing speed were found within HIV+ and HC samples (Spearman's rho's ranged from 0.32 to 0.58), providing preliminary evidence for convergent validity. The divergent validity of ProM was demonstrated by non-significant correlations with semantic memory, memory savings scores (i.e., retention), and recognition discrimination. Taken together, these data indicate that HIV-1 infection is associated with ProM impairment that is characterized by a breakdown in the strategic (i.e., executive) aspects of prospective encoding and retrieval. In sum, these findings support the construct validity of ProM, the assessment of which may inform evaluations of and interventions related to HIV-associated neurocognitive disorders.

Report of the International Narcotics Control Board for 2018

Marijuana and Mental Health

Significant changes have taken place in the policy landscape surrounding cannabis legalization, production, and use. During the past 20 years, 25 states and the District of Columbia have legalized cannabis and/or cannabidiol (a component of cannabis) for medical conditions or retail sales at the state level and 4 states have legalized both the medical and recreational use of cannabis. These landmark changes in policy have impacted cannabis use patterns and perceived levels of risk. However, despite this changing landscape, evidence regarding the short- and long-term health effects of cannabis use remains elusive. While a myriad of studies have examined cannabis use in all its various forms, often these research

conclusions are not appropriately synthesized, translated for, or communicated to policy makers, health care providers, state health officials, or other stakeholders who have been charged with influencing and enacting policies, procedures, and laws related to cannabis use. Unlike other controlled substances such as alcohol or tobacco, no accepted standards for safe use or appropriate dose are available to help guide individuals as they make choices regarding the issues of if, when, where, and how to use cannabis safely and, in regard to therapeutic uses, effectively. Shifting public sentiment, conflicting and impeded scientific research, and legislative battles have fueled the debate about what, if any, harms or benefits can be attributed to the use of cannabis or its derivatives, and this lack of aggregated knowledge has broad public health implications. The Health Effects of Cannabis and Cannabinoids provides a comprehensive review of scientific evidence related to the health effects and potential therapeutic benefits of cannabis. This report provides a research agenda—outlining gaps in current knowledge and opportunities for providing additional insight into these issues—that summarizes and prioritizes pressing research needs.

Applied Clinical Neuropsychology

Cannabis, Health Risks

Reviews the scientific research about the effects of marijuana on human health and behavior, debunking some of the myths that have been circulated about the drug, and offering a basis for making informed personal and public policy decisions regarding marijuana use.

Handbook of Cannabis

By far, the most comprehensive and detailed coverage of pediatric neuropsychology available in a single book today, Davis provides coverage of basic principles of pediatric neuropsychology, but overall the work highlights applications to daily practice and special problems encountered by the pediatric neuropsychologist. Cecil R. Reynolds, PhD Texas A&M University "The breadth and depth of this body of work is impressive. Chapters written by some of the best researchers and authors in the field of pediatric neuropsychology address every possible perspective on brain-behavior relationships culminating in an encyclopedic text. This [book] reflects how far and wide pediatric neuropsychology has come in the past 20 years and the promise of how far it will go in the next." Elaine Fletcher-Janzen, EdD, NCSP, ABPdN The Chicago School of Professional Psychology "it would be hard to imagine a clinical situation in pediatric neuropsychology in which this book would fail as a valuable resource."--Archives of Clinical Neuropsychology "I believe there is much to recommend this hefty volume. It is a solid reference that I can see appreciating as a resource as I update my training bibliography."--Journal of the

International Neuropsychological Society This landmark reference covers all aspects of pediatric neuropsychology from a research-based perspective, while presenting an applied focus with practical suggestions and guidelines for clinical practice. Useful both as a training manual for graduate students and as a comprehensive reference for experienced practitioners, it is an essential resource for those dealing with a pediatric population. This handbook provides an extensive overview of the most common medical conditions that neuropsychologists encounter while dealing with pediatric populations. It also discusses school-based issues such as special education law, consulting with school staff, and reintegrating children back into mainstream schools. It contains over 100 well-respected authors who are leading researchers in their respective fields. Additionally, each of the 95 chapters includes an up-to-date review of available research, resulting in the most comprehensive text on pediatric neuropsychology available in a single volume. Key Features: Provides thorough information on understanding functional neuroanatomy and development, and on using functional neuroimaging Highlights clinical practice issues, such as legal and ethical decision-making, dealing with child abuse and neglect, and working with school staff Describes a variety of professional issues that neuropsychologists must confront during their daily practice, such as ethics, multiculturalism, child abuse, forensics, and psychopharmacology

Cannabis Use and Dependence

Neuropathology of Drug Addictions and Substance Misuse Volume 1

The Praeger International Collection on Addictions: Psychobiological profiles

At the last Annual Representative Meeting of the British Medical Association a motion was passed that "certain additional cannabinoids should be legalized for wider medicinal use." This report supports this landmark statement by reviewing the scientific evidence for the therapeutic use of cannabinoids and sets the agenda for change. It will be welcomed by those who believe that cannabinoids can be used in medical treatment. The report discusses in a clear and readable form the use and adverse effects of the drug for nausea, multiple sclerosis, pain, epilepsy, glaucoma, and asthma.

Neurocognitive and Personality Function in MDMA and Polydrug Users

With relatable clinical vignettes that illustrate the applicability of each chapter's content, as well as key chapter points that summarize major themes, Marijuana and Mental Health is the definitive, single source of comprehensive information on marijuana and mental health in modern American society. Balanced, focused, and highly readable, chapters address topics

such as the effects of marijuana on the brain and mind, marijuana-related policy and legislation, the complex link between marijuana use and psychotic disorders, synthetic cannabinoids, and the treatment and prevention of marijuana misuse. Beyond offering clinical and research psychiatrists, psychiatric residents and fellows, clinical psychologists, and psychiatric nurses a comprehensive but concise compilation of research in this area, this reference informs clinical mental health practice as well as policy decisions by articulating the connection between marijuana and mental health, particularly in the United States.

Cannabis and Cognitive Functioning

"In Neuropsychological Practice with Veterans, Bush endeavors to compile a comprehensive account of how neuropsychological research, assessment, and treatment of veterans are impacted by military status. He succeeds brilliantly with this undertaking[T]his is an essential text for those working with active duty service members and veterans, and is highly recommended to all those seeking new perspectives."--Journal of the International Neuropsychological Society

"In Neuropsychological Practice with Veterans, Dr. Shane S. Bush provides a multifaceted overview of neuropsychological assessments and treatments associated with war veterans who have suffered from traumatic brain injury (TBI) during their service."--Somatic Psychotherapy Today

Traumatic brain injury (TBI), afflicting approximately one third of injured veterans returning from duty in Iraq and Afghanistan, is considered the signature injury in these conflicts. In addition to TBI, symptoms of posttraumatic stress disorder (PTSD) and major depression often afflict these veterans and contribute to neurological symptoms. This is the first volume to provide a comprehensive overview of neuropsychologically grounded assessment, treatment, training, and trends for clinicians who work with this population. Encompassing the writings of clinicians and researchers experienced in working with the Veterans Administration (VA) population, the book is grounded in an understanding of the unique culture of the veteran with its specialized service delivery methods and procedures. In addition to its focus on veterans with TBI, the text also addresses the assessment and treatment of aging veterans of previous military conflicts and of combat and non-combat veterans with neurological and emotional problems related to aging, substance abuse, HIV/hepatitis, psychiatric disorders, and other problems.

Key Features: Addresses the growing need for neuropsychological assessment and treatment of returning veterans as well as aging veterans of earlier conflicts
Focuses on traumatic brain injury, posttraumatic stress disorder, and major depression
Discusses assessment of malingering (faking); benefits, pension, return-to-work evaluations; polytrauma management; and training concerns
Written by clinicians and researchers experienced in working with veterans
Edited by a neuropsychology specialist who is well known in the VA community

The Health Effects of Cannabis and Cannabinoids

This annual report prepared by The Board provides a comprehensive account of the global drug situation, analyses trends in drug abuse and drug trafficking and suggests necessary remedial action. Divided into four parts, it covers the following topics: drugs and corruption, functioning of the international drug control system, analysis of the world situation and finally, a set of recommendations to governments, the United Nations and other relevant international and regional organizations. A set of Annexes follows.

Therapeutic Uses of Cannabis

Cannabis, marijuana, pot, ganja - it goes by many names — is by far the most widely used illegal substance, and accounts for more arrests than any other drug. Barely a week goes by without this drug appearing in the newspapers, and politicians have famously tied themselves in knots, trying to decide just how to deal with this recreational drug. While there have been many drug policy books on other substances - both legal and illegal, few have focused on this drug. Cannabis Policy: Moving beyond Stalemate is unique in providing the materials needed for deciding on policy about cannabis in its various forms. It reviews the state of knowledge on the health and psychological effects of cannabis, and its dangerousness relative to other drugs. It considers patterns and trends in use, the size and character of illicit markets, and the administration of current policies, including arrests and diversion to treatment, under the global prohibition regime. It looks at the experience of a number of countries which have tried reforming their regimes and softening prohibition, exploring the kinds of changes or penalties for use for possession: including depenalization, decriminalization, medical control, and different types of legalization. It evaluates such changes and draws on them to assess the effects on levels and patterns of use, on the market, and on adverse consequences of prohibition. For policymakers willing to look outside the box of the global prohibition regime, the book examines the options and possibilities for a country or group of countries to bring about change in, or opt out of, the global control system. Throughout, the book examines cannabis within a global frame, and provides in accessible form information which anyone considering reform will need in order to make decisions on cannabis policy (much of which is new or has not been readily available). This book will be essential for those involved in policymaking and be of interest to a wide range of readers interested in drugs and drug policy, as well as being an excellent supplementary text for university courses in criminology, policy science, social science, or public health. Published with the BECKLEY FOUNDATION PRESS

Dissertation Abstracts International

An estimated 40 million Americans have medical symptoms that marijuana can relieve. Marijuana Medical Handbook is a one-stop resource that gives candid, objective advice on using marijuana for healing, understanding its effects on the body, safe administration, targeting illnesses, side effects, and the various delivery methods from edibles and tinctures to

smokeless vaporizer pipes. The book also details supply issues, cultivation solutions (in a chapter by renowned expert Ed Rosenthal), and legal consequences. This thoroughly revised edition incorporates the most up-to-date information on the ever-changing politics of marijuana, the plant's usage, and medical research on it.

The Routledge International Handbook of Psychobiology

Neuropathology of Drug Addictions and Substance Misuse, Volume One: Foundations of Understanding, Tobacco, Alcohol, Cannabinoids, Opioids and Emerging Addictions provides the latest research in an area that shows that the neuropathological features of one addiction are often applicable to those of others. The book also details how a further understanding of these commonalties can provide a platform for the study of specific addictions in greater depth, all in an effort to create new modes of understanding, causation, prevention, and treatment. The three volumes in this series address new research and challenges, offering comprehensive coverage on the adverse consequences of the most common drugs of abuse, with each volume serving to update the reader's knowledge on the broader field of addiction, while also deepening our understanding of specific addictive substances. Volume One addresses tobacco, alcohol, cannabinoids, and opioids, with each section providing data on the general, molecular/cellular, and structural/functional neurological aspects of a given substance, along with a focus on the adverse consequences of addictions. Provides a modern approach on the pathology of substances of abuse, offering an evidence based ethos for understanding the neurology of addictions Fills an existing gap in the literature by proving a one-stop-shopping synopsis of everything to do with the neuropathology of drugs of addiction and substance misuse Includes a list of abbreviations, abstracts, applications to other addictions and substance misuse, mini-dictionary of terms, summary points, 6+ figures and tables, and full references in each chapter Offers coverage of preclinical, clinical, and population studies, from the cell to whole organs, and the genome to whole body

Contemporary Health Issues on Marijuana

Truly global in scope and with contributions from leading researchers around the world, The Handbook of Cannabis is the definitive resource on this fascinating drug. Combining scientific perspectives and clinical applications, it covers a vast array of topics, from why over the centuries cannabis has been used as a medicine, through the regulations facing those wishing to self-administer cannabis or provide cannabis-based medicines, to the chemical structure of its many constituents and the rapidly growing group of synthetic cannabinoids that are currently being used for 'legal highs'. With each chapter written by a group of one or more internationally recognised subject experts, it provides academics and researchers with authoritative scientific material on the main pharmacological actions and their effects, as well as their pharmacokinetics, metabolism, and forensic detection. In addition it also examines the complex morphology, cultivation, harvesting, and processing of cannabis and the ways in which the plant's chemical composition can be controlled. As well as offering a raft of scientific

information there is extensive coverage of cannabinoid-based medicines. Helping readers to identify and evaluate their benefits, chapters explore pharmacological actions and the effects that seem to underlie approved therapeutic uses, how they are currently used to treat certain disorders, and the ever-growing number of wide-ranging potential clinical applications. There is also coverage of both the legal and illegal sources of cannabis, including 'coffee shops' and 'cannabis dispensaries'. The complex issue of 'recreational cannabis' is also tackled. The sought-after and adverse psychological and non-psychological effects are described and discussions are included on how some adverse effects can be lessened by at least one constituent of cannabis, and that it might be possible to reduce the harm that cannabis does to some by changing current regulatory policies. The Handbook of Cannabis is a one-stop reference; essential reading for all clinicians, pharmacologists, psychologists, and psychiatrists interested in this drug, as well as those working in the field of public health.

Canadian Journal of Psychiatry

Forthcoming Books

Marijuana and Madness

Cannabis is globally the most commonly used psychoactive substance under international control. In 2013, an estimated 181.8 million people aged 15-64 years used cannabis for nonmedical purposes globally (UNODC, 2015). There is an increasing demand for treatment for cannabis-use disorders and associated health conditions in high- and middle-income countries. This report focuses on nonmedical use of cannabis, building on contributions from a broad range of experts and researchers from different parts of the world. It aims to present current knowledge on the impact of nonmedical cannabis use on health, from its impact on brain development to its role in respiratory diseases. The potential medical utility of cannabis -- including the pharmacology, toxicology and possible therapeutic applications of the cannabis plant -- is outside the scope of this report.

The Paced Auditory Serial Addition Test (PASAT) as a Measure of Working Memory

WHAT DO WE KNOW ABOUT MARIJUANA AND HOW DO WE KNOW IT? Marijuana is the most frequently consumed illicit drug worldwide, with over 158.8 million users, according to the UN. Responding to public pressure, the US federal government is likely to legalize recreational marijuana within the next few years. With increasing numbers of people using cannabis both

medically and recreationally there are many looming questions that only science can answer. These include: What's likely to happen, both good and bad, if the US legalizes marijuana? What are some simple, science-based rules to separate fact from fiction and to help guide policy in the highly contentious marijuana debate? Exactly what is cannabis doing in the brain that gets us high? A journey through THC neuroscience Does cannabis really have medical benefits - what's the evidence? To what extent does cannabis impair driving? Can smoking marijuana in adolescence affect IQ or risk for developing schizophrenia? Is marijuana safe to use during pregnancy? Reviews the endocannabinoid system and why our bodies are full of "weed receptors" Introduces readers to the various forms of marijuana: flower, dabs, hash, edibles, shatter, vapes, tinctures, oils and synthetics, THC, CBD and terpenes. Demonstrates how and why cannabis affects different people very differently. Discusses how MRI and PET scans can help show the effects of marijuana on the brain. Discusses long-term effects of adolescent and adult cannabis use. Examines the evidence for cannabis's role in increasing the risk for schizophrenia-like illnesses.

Neuropsychological Practice with Veterans

The medical use of marijuana is surrounded by a cloud of social, political, and religious controversy, which obscures the facts that should be considered in the debate. This book summarizes what we know about marijuana from evidence-based medicine--the harm it may do and the relief it may bring to patients. The book helps the reader understand not only what science has to say about medical marijuana but also the logic behind the scientific conclusions. Marijuana and Medicine addresses the science base and the therapeutic effects of marijuana use for medical conditions such as glaucoma and multiple sclerosis. It covers marijuana's mechanism of action, acute and chronic effects on health and behavior, potential adverse effects, efficacy of different delivery systems, analysis of the data about marijuana as a gateway drug, and the prospects for developing cannabinoid drugs. The book evaluates how well marijuana meets accepted standards for medicine and considers the conclusions of other blue-ribbon panels. Full of useful facts, this volume will be important to anyone interested in informed debate about the medical use of marijuana: advocates and opponents as well as policymakers, regulators, and health care providers.

The International Journal of the Addictions

International in its scope and multidisciplinary in its approach, The International Handbook of Addiction Behaviour, originally published in 1991, set a new agenda in the addictions field. This volume brings together the full variety of scientific approaches to addiction behaviour. It broke new ground by highlighting the links between clinical work, training and research and proposes a way forward towards integrated treatment interventions. This title is a definitive teaching text and will still be a valuable resource for students in the addiction field.

The Clinical Neuropsychiatry of Multiple Sclerosis

Contemporary Health Issues on Marijuana is a balanced, empirically driven volume that highlights new and meaningful theory and evidence pertaining to marijuana use. Authored by a multidisciplinary group of experts from the fields of psychology, epidemiology, medicine, and criminal justice, chapters comprehensively review numerous research domains of public health interest with respect to marijuana use, including the drug's impact on cognitive and neurological functioning, its medical effects, treatment approaches for cannabis use disorders, the effects of marijuana smoking on lung function, and marijuana-impaired driving.

Handbook of Cannabis and Related Pathologies

"Luring readers in with meticulously woven clinical vignettes, Holtz masterfully presents the mechanics and the art of neuropsychology. Students will appreciate the historical roots of neuropsychology, [and] will understand the multiplex systems of current neuropsychological approaches" -Nancy S. Koven, PhD Bates College "there has not been an available text focusing on the application of the basic principles in clinical neuropsychological practice. Finally, a text is available to remedy this problem." -Dennis Andersen, MS, LMHC Eastern Washington University "A valuable introduction to the field of clinical neuropsychology and its terminology, this text fills a void. The reader gains an appreciation for the multifaceted role of the clinical neuropsychologist, not only as an assessor of cognitive functioning but also as a treatment professional." Lauren Littlefield, PhD, Washington College This breakthrough introductory text-unlike all other clinical neuropsychology textbooks on the market-introduces advanced undergraduate students and clinicians in training to the field by showing undergraduate students how clinical neuropsychologists actually practice their craft. The book uncovers the professional issues that clinical neuropsychologists deal with daily, including neurodegenerative disorders, acquired disorders, ethical practice issues, interviewing, testing, prognosis and treatment planning, drug prescriptions, and more. Using case studies culled from the author's own clinical work, the book provides students with firsthand accounts of neuropsychology in action. As the first textbook to integrate real, practical applications of neuropsychology, it covers the assessment, diagnosis, and treatment of individuals with brain illness or injury, as opposed to examining brain structures and functions alone. This innovative, application-based approach to neuropsychology is guaranteed to give students a clear, comprehensive understanding of what neuropsychology is and what neuropsychologists do. Key features: Covers core concepts of neuropsychology, including neuroanatomy, neurophysiology, brain structure and function, and disorders of the central nervous system Includes application-based topics not covered in traditional texts, such as: differential diagnosis; individual, group, and family therapy; and psychopharmacology Discusses test theory and evaluation, examining tests of intellectual abilities, memory functioning, and more Extensive instructors' ancillary package available with test questions and nearly 100 illustrations in PowerPoint format

Handbook of Pediatric Neuropsychology

Cannabis Physiopathology and Detection features an outstanding collection of contributions from leading researchers around the world. Papers were presented at the Second International Colloquium on Illicit Drugs, held at the French National Academy of Medicine in April 1992. The book reviews the latest clinical reports describing the effects of cannabis on the brain (imaging techniques, memory and psychomotor performance, cannabis, and schizophrenia), effects on reproduction (male and female), and carcinogenicity. Aspects of detection covered in the volume include methods, results of different testing groups, and legal issues associated with testing and detection. Cannabis Physiopathology and Detection will be an important addition to the reference collections of marijuana researchers, pathologists, government agencies, medical school libraries, and drug testers.

Marijuana and the Workplace

"A general reference for topics related to health worldwide, this encyclopedia is ambitious in its scope, with entries for specific diseases and conditions, geographical areas, health issues, biographical information, and organizations related to world health policy." —CHOICE "A useful, one-stop reference for health professionals and the general population alike that speaks to important changes and issues in global health; a foundation of knowledge essential for any library." —Library Journal The contemporary understanding of global health is complicated and extends to all ends of the Earth and beyond. From the health effects of global warming to the implications of single nucleotide differences on disease, the factors that impact global health are extremely diverse and are changing constantly. As new scientific advances are made, as new policies are implemented, as wars are waged and peace agreements signed, or as new strains of infectious diseases evolve, the state of global health changes. The Encyclopedia of Global Health is a comprehensive, one stop reference to a broad array of health topics worldwide. Encompassing four volumes with more than 1,200 articles, the Encyclopedia covers all aspects of health, including physical and mental health entries, biographies of major doctors and researchers, profiles of medical institutions, organizations, and corporations, descriptions of drugs and operations, articles on national health policies, and thematic health topics in the humanities. Key Features Offers a truly global approach by giving the current health status in each country of five continents Compares the mortality rates of infectious diseases and non-communicable diseases in developing and developed countries Presents a historical context for important changes and issues in global health and serves as a foundation of knowledge Examines how mental health and related conditions in developing countries are increasing toward the level in developed countries Ties the curriculum in related health disciplines from biology, to psychology, to psychopharmacology Provides a glossary of health definitions, extensive cross-references to related topics, and thorough bibliographic citations Key Themes · Children's Health Countries: Africa Countries: Americas Countries: Asia Countries: Europe Countries: Pacific Diseases, Cancers Diseases, Localized Diseases, Systemic Drugs and Drug Companies

Health Sciences Men's Health Mental Health Organizations and Associations People Procedures and Therapies Research Society and Health Women's Health The Encyclopedia of Global Health is a useful reference for health professionals, as well as for general populations, making it a must-have resource for any library.

Cannabis Science

Recreational drug use is a world-wide phenomenon. Despite the best efforts of governments, the public fascination with drugs shows no signs of abating. With media accounts of illegal drug use often verging on the hysterical, this book provides a refreshingly balanced and honest account of drug use throughout the world, one based on scientific fact, and not dogma. The book examines all the drugs currently used throughout the world, looking at their effects and side-effects. Why do people use drugs? Why do they become addicted? What are the lessons to be learned from making drugs illegal? Updated for the third edition with chapters rewritten to take account of scientific, epidemiological and political developments since the second edition, and with a new section on the present and future US drug policy from high-profile contributors, the book provides a much needed rational approach to the problem of drug use.

The International Handbook of Addiction Behaviour

The use of cannabis in the late twentieth and this century is an area of medical and moral controversy. Despite its illegality, cannabis is the most widely used drug after alcohol and tobacco among young adults in the USA, Europe and Australia. This book explores the relationship between health policy, public health and the law regarding cannabis use. It assesses the impact of illegality in drug use and relates this to policy analysis in Australia, the UK, the US and other developed societies. It evaluates debates about 'safe use' and 'harm minimisation' approaches, as well as examining the experiences of different prevention, treatment and education policies. Written by two leading drug advisors Cannabis Use and Dependence makes a valuable addition to this important field of research.

Marijuana Myths, Marijuana Facts

Handbook of Cannabis and Related Pathologies: Biology, Pharmacology, Diagnosis, and Treatment is the first book to take an interdisciplinary approach to the understanding of cannabis use and misuse. Recent worldwide trends toward decriminalizing marijuana for medical use have increased legal use of the drug and recreational use remains high, making cannabis one of the most commonly used drugs. Cannabis has a wide range of adverse neurological effects, and use and abuse can lead to physical, social, and psychopathological issues that are multifarious and complex. Effective understanding and treatment requires knowledge of the drug's effects from across scientific disciplines. This book provides

an overview of the biological and pharmacological components of the cannabis plant, outlines its neurological, social, and psychopathological effects, assists in the diagnosis and screening for use and dependency, and aids researchers in developing effective treatments for cannabis-related issues and disorders. Fully illustrated, with contributions from internationally recognized experts, it is the go-to resource for neuroscientists, pharmacologists, pathologists, public-health workers, and any other researcher who needs an in-depth and cross-disciplinary understanding of cannabis and its effects. Comprehensive chapters include an abstract, key facts, mini dictionary of terms, and summary points Presents illustrations with at least six figures, tables, and diagrams per chapter Provides a one-stop-shopping synopsis of everything to do with cannabis and its related pathology, from chemicals and cells, individuals and communities, and diagnosis and treatment Offers an integrated and informed synopsis of the complex issues surrounding cannabis as a substance, its use, and its misuse

Prospective Memory in HIV-1 Infection

Multiple sclerosis is the most common cause of neurological disability in young and middle-aged adults. This fully updated and revised new edition provides a detailed account of the many neuropsychiatric disorders associated with MS and is relevant to both the research and the clinical setting. Using the latest brain imaging findings and results from treatment trials, the symptoms, assessment, diagnosis, and treatment of depression in MS are covered, as are psychosocial factors and the link between depression and MRI abnormalities. Subsequent chapters focus on cognitive dysfunction in MS, including the natural history of cognitive change, the use of screening instruments and neuropsychological batteries, brain imaging correlations and management strategies. The book concludes with a survey of the behavioral benefits and risks associated with disease-modifying drugs. It will be valuable to all mental health professionals, neurologists, and others caring for those affected by MS.

Cannabis Policy

Reviews crucial research on the marijuana/workplace debate and gives organization decision makers the analytical tools they need to formulate sound policy for their own workplaces.

Handbook of Cannabis and Related Pathologies

This book reviews the cognitive effects of cannabis and presents findings on the consequences of long-term use.

Marijuana and Medicine

The Paced Auditory Serial Addition Task (PASAT) is a complex cognitive test, sensitive to neuropsychological disorders. Its traditional Total Correct score probably reflects multiple cognitive abilities, but their relative importance remains undetermined. Snyder et al. (1993) modified scoring guidelines for the PASAT to give credit only for "dyads." This method emphasizes working memory and was found superior to Total Correct scores at detecting cognitive impairments in multiple sclerosis. The current investigation provides psychometric and normative information for measures designed to capture specific abilities involved in PASAT performance, and examines their utility in detecting neuropsychological impairment. The major measures are intended to assess working memory (Total Dyads) and information processing speed (average percent change in dyads with increasing stimulus presentation speed; APCID). Protocols from 500 neurologically intact adults were used to develop demographically corrected norms and to demonstrate reliability of the new scores. Total Correct and Total Dyads in this group were highly correlated ($r = 0.96$). Construct validity was examined by correlating PASAT measures with composite scores from other tests measuring four cognitive domains. Total Dyads and Total Correct scores showed greatest association with the working memory composite, whereas APCID scores were poorly correlated with all composite scores. PASAT performance of a representative normal control group ($n = 55$) was compared with results of clinical groups putatively at risk for working memory and processing speed dysfunction: individuals with HIV infection ($n = 62$), methamphetamine dependence ($n = 71$), or both ($n = 59$). The group with only HIV infection performed significantly worse than controls on Total Dyads and Total Correct. Both scores were moderately sensitive to overall neuropsychological impairment in the combined clinical groups, and both were more sensitive than the WAIS-3 Letter-Number Sequencing test (an established measure of working memory). A subset of participants underwent structural magnetic resonance brain imaging ($n = 63$), and evidenced modest correlations between frontal gray matter volume and Total Dyads, Total Correct, and APCID scores. APCID scores also showed modest correlations with basal ganglia volume. Based on these samples, Total Dyads and Total Correct appear to be comparable measures that primarily reflect working memory.

Weed Science

The International Handbook of Psychobiology provides authoritative, cutting-edge research across the range of areas that fall under the umbrella of psychobiology. It is a valuable source for researchers looking to update their knowledge on a wide range of topics. The International Handbook of Psychobiology comprises 30 chapters which are organized into the following sections: the physical environment: how psychobiological processes regulate how we respond and cope; stress and anxiety; managing and enhancing cognition and mood; substance use and misuse; sleep; and Psychobiology and human development. Each of the chapters is authored by experienced and active researchers in their field who provide authoritative reviews of its current state of knowledge.

Cannabis Physiopathology Epidemiology Detection

Addiction, An Issue of Psychiatric Clinics - E-Book

Handbook of Cannabis and Related Pathologies: Biology, Pharmacology, Diagnosis, and Treatment is the first book to take an interdisciplinary approach to the understanding of cannabis use and misuse. Recent worldwide trends toward decriminalizing marijuana for medical use have increased legal use of the drug and recreational use remains high, making cannabis one of the most commonly used drugs. Cannabis has a wide range of adverse neurological effects, and use and abuse can lead to physical, social, and psychopathological issues that are multifarious and complex. Effective understanding and treatment requires knowledge of the drug's effects from across scientific disciplines. This book provides an overview of the biological and pharmacological components of the cannabis plant, outlines its neurological, social, and psychopathological effects, assists in the diagnosis and screening for use and dependency, and aids researchers in developing effective treatments for cannabis-related issues and disorders. Fully illustrated, with contributions from internationally recognized experts, it is the go-to resource for neuroscientists, pharmacologists, pathologists, public-health workers, and any other researcher who needs an in-depth and cross-disciplinary understanding of cannabis and its effects. Comprehensive chapters include an abstract, key facts, mini dictionary of terms, and summary points Presents illustrations with at least six figures, tables, and diagrams per chapter Provides a one-stop-shopping synopsis of everything to do with cannabis and its related pathology, from chemicals and cells, individuals and communities, and diagnosis and treatment Offers an integrated and informed synopsis of the complex issues surrounding cannabis as a substance, its use, and its misuse

The Health and Social Effects of Nonmedical Cannabis Use

The second edition of this critically acclaimed and award-winning text provides a comprehensive overview of the psychiatry and neuroscience of Cannabis sativa (marijuana). It outlines the very latest developments in our understanding of the human cannabinoid system, and links this knowledge to clinical and epidemiological facts about the impact of cannabis on mental health. Clinically focused chapters review not only the direct psychomimetic properties of cannabis, but also the impact consumption has on the courses of evolving or established mental illnesses such as schizophrenia. Effects of cannabis on mood are reviewed, as are its effects on cognition. This new edition has been extensively updated and expanded with 10 new chapters to incorporate major new research findings. This book will be of interest to all members of the mental health team, as well as to neuroscientists, epidemiologists, public health specialists and those involved in drug and alcohol research.

Encyclopedia of Global Health

"Revised papers of the International Symposium 'Cannabis Pollicy [sic], Criminal Law and Human Rights' held in Bremen, Germany, Oct. 5 to 7, 1995"--Foreword.

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