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Advances in Substance Abuse, Behavioral and Biological Research-Nancy K. Mello 1983

Advances in Substance Abuse-Harold D. Holder 1987

Evaluating Alcohol and Drug Abuse Treatment Effectiveness-Linda Carter Sobell 2013-10-22 Evaluating Alcohol and Drug Abuse Treatment Effectiveness: Recent Advances is a collection of papers that covers the advancement in rehabilitation of individuals with a history of substance abuse. The title aims to find ways in identifying the treatment that best fits a specific patient. The text first provides a historical account of alcohol and drug treatment outcome research. Next, the selection considers the use of multiple measures of life health to assess alcohol treatment. Chapter 3 deals with the behavioral assessment and treatment evaluation of narcotic addiction, while Chapter 4 talks about the evaluation of behavioral and traditional treatment of alcoholics. The fifth chapter tackles the contingency contracting with drug abusers, and the sixth chapter covers the development of a prototype for the evaluation of alcohol treatment. The text also details the problems in alcohol treatment along with the improvement of confidence in treatment of substance abuse. The book will be of great use to behavioral scientists, social workers, and mental health specialists.

Advances in Substance Abuse- 1980

Advances in Substance Abuse, Behavioral and Biological Research- 1987

Adolescent Substance Abuse-Howard A. Liddle 2006-03-09 This book was first published in 2006. Adolescent drug abuse is one of the most challenging disorders to treat. It impacts on schools, community-based programs, mental health and medical facilities, and juvenile justice settings. This book provides practitioners, program developers and policy makers with practical information for improving outcomes in adolescent substance abuse. The authors cover a range of issues, including empirically based treatment development protocols, how to incorporate innovative treatment models into diverse clinical settings; research advances; interventions with special populations, culturally based intervention guidelines, and recommendations for practice and policy.

Advances in Substance Abuse, Behavioral and Biological Research-Nancy K. Mello 1991


Multifaceted Approach to Digital Addiction and Its Treatment-Bozoglan, Bahadir
2019-06-14 With the internet, smartphones, and video games easily available to increasing portions of society, researchers are becoming concerned with the potential side effects and consequences of their prevalence in people’s daily lives. Many individuals are losing control of their internet use, using it and other devices excessively to the point that they negatively affect their wellbeing as these individuals withdraw from social life and use their devices to escape from the pressure of the real world. As such, it is imperative to seek new methods and strategies for identifying and treating individuals with digital addictions. Multifaceted Approach to Digital Addiction and Its Treatment is an essential research publication that explores the definition and different types of digital addiction, including internet addiction, smartphone addiction, and online gaming addition, and examines overall treatment approaches while covering sample cases by practitioners working with digital addiction. This book highlights topics such as neuroscience, pharmacology, and psychodynamics. It is ideal for psychologists, therapists, psychiatrists, counselors, health professionals, students, educators, researchers, and practitioners.

**Advances in Substance Abuse, Behavioral and Biological Research** - 1987

**Neurobiology of Addiction** - George F. Koob 2005-11-11 Neurobiology of Addiction is conceived as a current survey and synthesis of the most important findings in our understanding of the neurobiological mechanisms of addiction over the past 50 years. The book includes a scholarly introduction, thorough descriptions of animal models of addiction, and separate chapters on the neurobiological mechanisms of addiction for psychostimulants, opioids, alcohol, nicotine and cannabinoids. Key information is provided about the history, sources, and pharmacokinetics and psychopathology of addiction of each drug class, as well as the behavioral and neurobiological mechanism of action for each drug class at the molecular, cellular and neurocircuity level of analysis. A chapter on neuroimaging and drug addiction provides a synthesis of exciting new data from neuroimaging in human addicts — a unique perspective unavailable from animal studies. The final chapters explore theories of addiction at the neurobiological and neuroadaptational level both from a historical and integrative perspective. The book incorporates diverse finding with an emphasis on integration and synthesis rather than discrepancies or differences in the literature. · Presents a unique perspective on addiction that emphasizes molecular, cellular and neurocircuity changes in the transition to addiction · Synthesizes diverse findings on the neurobiology of addiction to provide a heuristic framework for future work · Features extensive documentation through numerous original figures and tables that that will be useful for understanding and teaching

**Pathways of Addiction** - Institute of Medicine 1996-10-01 Drug abuse persists as one of the most costly and contentious problems on the nation’s agenda. Pathways of Addiction meets the need for a clear and thoughtful national research agenda that will yield the greatest benefit from today’s limited resources. The committee makes its recommendations within the public health framework and incorporates diverse fields of inquiry and a range of policy positions. It examines both the demand and supply aspects of drug abuse. Pathways of Addiction offers a fact-filled, highly readable examination of drug abuse issues in the United States, describing findings and outlining research needs in the areas of behavioral and neurobiological foundations of drug abuse. The book covers the epidemiology and etiology of drug abuse and discusses several of its most troubling health and social consequences, including HIV, violence, and harm to children. Pathways of Addiction looks at the efficacy of different prevention interventions and the many advances that have been made in treatment research in the past 20 years. The book also examines drug treatment in the criminal justice setting and the effectiveness of drug treatment under managed care. The committee advocates systematic study of the laws by which the nation attempts to control drug use and identifies the research questions most germane to public policy. Pathways of Addiction provides a strategic outline for wise investment of the nation’s research resources in drug abuse. This comprehensive and accessible volume will have widespread relevance--to policymakers, researchers, research administrators, foundation decisionmakers, healthcare professionals, faculty and students, and concerned individuals.
Advances in Substance and Behavioral Addiction - Michela Balconi

Translation of Addictions Science Into Practice - Peter M. Miller 2011-04-28 Recent advances in the understanding of the genetic, neurochemical, behavioral and cultural underpinnings of addiction have led to rapid advances in the understanding of addiction as a disease. In fact, advances in basic science and the development of new pharmacological and behavioral therapies associated with them are appearing faster than can be assimilated not only by clinical researchers but practitioners and policy makers as well. Translation of science-based addictions knowledge into improved prevention, assessment and treatment, and communication of these changes to researchers and practitioners are significant challenges to the field. The general aim of Translation of Addictions Science Into Practice is to summarize current and potential linkages between advances in addiction science and innovations in clinical practice. Whilst this book is primarily focused on translation, it also encompasses some scientific advances that are relevant to dissemination, and the book is itself a tool for disseminating innovative thinking. The goal is to generate interest in application opportunities from both recent research and theoretical advances. Provides a much needed resource for translating current research into clinical practice Focuses upon alcohol, tobacco, and substance abuse addictions Addresses method of research and best dissemination techniques

The Science of Prevention - Kendall J. Bryant 1997-01-01 This text describes a variety of methodological advances that increase the integrity of research results in the area of prevention. Although the focus of this volume is on alcohol and substance abuse, most of the methods described can be applied to the full range of areas in prevention research, including smoking, risky sex, health problems, poor school performance, criminal behaviour and a variety of other areas in which research occurs in field settings. The editors have brought together a array of researchers who describe and analyze new directions and provide direct examples of methodological problems and solutions from their own specific research.

Science and Practice in Cognitive Therapy - Robert L. Leahy 2018-01-05 From leading experts in cognitive-behavioral therapy (CBT)--including CBT originator Aaron T. Beck and many who have worked closely with him--this book provides an overview of where the field is today and presents cutting-edge research and clinical applications. Contributors explain how Beck's cognitive model has been refined and tested over the last 45 years and describe innovative CBT approaches that integrate mindfulness, imagery, emotion-focused interventions, and other strategies. Chapters on specific clinical problems cover the conceptualization and treatment of depression, anxiety disorders, posttraumatic stress disorder, obsessive-compulsive disorder, insomnia, suicidality, substance abuse, couple and family problems, bipolar disorder, psychosis, and personality disorders.

Recent Advances in Drug Addiction Research and Clinical Applications - William Meil 2016-07-14 Although it is well-accepted that drug addiction is a major public health concern, how we address it as a society continues to evolve as recent advances in the lab and clinic clarify the nature of the problem and influence our views. This unique collection of eight chapters reviews key findings on the neurobiology and therapeutics of addiction while capturing the diversity of perspectives that shape these concepts, which range from evolutionary biology to psychiatry to the legal system. This book discusses in depth how technological advances have led to important discoveries and how these discoveries, in turn, are increasingly being translated into clinical practice. It also presents avenues for future study that hold promise for the many affected by addiction.

Research Advances in Alcohol and Drug Problems - Reginald G. Smart 2013-03-13 This volume is the eighth in the Research Advances Series and the fifth published by Plenum Press. The purpose of the series is to review new work in rapidly changing fields. We do not expect reviews to cover the whole field of work on alcoholism and addiction. Nor do we expect that they will be like annual reviews covering all work in a delimited field. Our reviews are designed to explore only the most exciting parts of the total field and to focus on conclusions that can be made about them. The series publishes one
volume each year. Volume 8 is an omnibus rather than a theme volume in that a wide range of topics is covered, including research on alcohol, opiates, and tobacco. As usual, the greater emphasis is on alcohol research, reflecting the importance of the problem and the volume of work to be reviewed. With Volume 8 come some changes in the Editorial Board. It will be the last volume in the series for Robert E. Popham who has resigned from the Board. He has been with the series since its inception and has contributed a great deal to its development. The members of the Board are grateful for his help. We are adding two new members: Dr. Howard Cappell, whose field is experimental psychology, and Dr. Edward M. Sellers, in clinical medicine and pharmacology.

Addiction - Gene M. Heyman 2009-10-15 In a book sure to inspire controversy, Gene Heyman argues that conventional wisdom about addiction - that it is a disease, a compulsion beyond conscious control - is wrong. At the heart of Heyman's analysis is a startling view of choice and motivation that applies to all choices, not just the choice to use drugs. Heyman's analysis of well-established but frequently ignored research leads to unexpected insights into how we make choices - from obesity to McMansionization - all rooted in our deep-seated tendency to consume too much of whatever we like best.

Substance Use and Abuse - Leonard Green 1996 Researchers in economics, psychology, and pharmacology review recent empirical and theoretical work on behavioral-economic approaches to understanding and altering the use and abuse of alcohol, cigarettes, and other substances. Among the topics they discuss are reducing drug abuse by enriching the e

Entirely new chapters cover the biology of substance use disorders, treatment in primary care settings, and case management. The third edition retains the structure that makes the book so popular as a course text and practitioner resource. Following an introductory overview, paired chapters focus respectively on the theory and practice of each approach, including motivational, contingency management, cognitive-behavioral, 12-step, family, and pharmacological models. Theory chapters explain basic assumptions about how people develop, maintain, and recover from substance use disorders and concisely review the research support for each approach. Practice chapters then offer a start-to-finish view of treatment, covering such crucial topics as the therapeutic relationship, assessment procedures, goal setting, the sequencing of interventions, how "denial" and "resistance" are addressed, the role of self-help groups, and strategies for preventing and dealing with relapse. Illustrative case examples are included. The volume concludes with three chapters on integrating different techniques to meet patients' needs in a range of clinical settings. Written for a broad audience, this book is an essential text for courses in substance abuse treatment and addiction counseling. Experienced substance abuse clinicians -- including clinical psychologists, clinical social workers, psychiatric nurses, counselors, and psychiatrists -- will find it a valuable reference for staying up to date on current treatment approaches.

Behavioral Intervention Techniques in Drug Abuse Treatment - 1984

Recent Developments in Alcoholism - Marc Galanter 2013-11-21 From the President of the American Society of Addiction Medicine Recent Developments in Alcoholism (Volume 10) is a major contribution to the literature of addiction medicine. This volume, 'ru.cohol and Cocaine: Similarities and Differences,' contains an impressive collection of chapters from the basic research, epidemiological, and clinical research perspectives, as well as articles that address the relative policy issues and clinical application and patient care concerns. It also sends a message to those who would still distinguish between alcohol and drugs, or legal and illegal drugs. In the research laboratory, in the intentions and behavior of the user, and by the clinician, such
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Distinctions have never been upheld. The first section, "Clinical Pathology," includes chapters on the role of alcohol in cocaine dependence, dual-diagnosis empirical and developmental humanistic approaches, and on neuroendocrine and catecholamine levels in humans during administration and withdrawal of cocaine and alcohol, emergency room evaluation of cocaine-associated neuropsychiatric disorders, and clinical and pharmacological interactions of alcohol and cocaine. These chapters, written by authors who are preeminent in their fields, offer a broad perspective to both the researcher and the clinician on relevant issues in clinical pathology.

Progress in Behavior Modification - Michel Hersen 2013-10-22 Progress in Behavior Modification, Volume 14 covers the developments in the study of behavior modification. The book discusses the research on the education of autistic children; behavioral approaches to drug abuse; and behavior therapy and community living skills. The text also describes the behavior modification in New Zealand; the critical treatment parameters in attention deficit disorder with hyperactivity and their application in applied outcome research; and the nutritional approaches to behavior modification. Punishment, a concept that is no longer necessary, is also considered. Psychologists and psychiatrists will find the book invaluable.

Advances in Behavioral Pharmacology - Travis Thompson 2016-10-27 Advances in Behavioral Pharmacology, Volume 4 covers papers about the advances in behavioral pharmacology. The book presents papers on the behavioral mechanisms of drug dependence; the effects of food deprivation on drug-reinforced behavior across most types of drugs abused by humans, routes of self-administration and species; and a biobehavioral approach to treatment of amphetamine addiction. The text also describes the behavioral effects of nicotine in human and inhuman studies; the behavioral pharmacology of cigarette smoking; the problems and perspectives in the behavioral toxicity of lead; and the use of discriminative behavior as an index of toxicity. Behavioral pharmacologists, psychiatrists, pharmacologists, psychologists, physicians, and students taking these courses will find the book invaluable.

Drug Abuse and Drug Abuse Research - 1987

Determinants of Substance Abuse - Mark Galizio 2013-06-29 With the recent increase in the scope of drug and alcohol problems has come an awareness of the need for solutions. In this context, federal support for research on drug problems increased tremendously during the last 10 to 15 years with the establishment of the National Institute on Drug Abuse (NIDA) and the National Institute on Alcohol Abuse and Alcoholism (NIAAA). Funding from these and other sources has led to a substantial increase in the quantity and quality of published work related to substance abuse. As data accumulate, it is becoming more apparent that substance abuse problems are extremely complex and are influenced by a variety of biological psychological, and environmental variables. Unfortunately it has proved difficult to go beyond this conclusion to a description of how these multiple factors work together to influence the development of, and recovery from, drug and alcohol dependence. The purpose of this book is to try to meet that objective by including, in one volume, literature reviews and theoretical analyses from a wide variety of drug researchers. We chose the authors in an attempt to assure that each of the various levels of analysis appropriate to the substance abuse problems would be included. In each case, the author was asked to consider how the variables in his or her particular domain might contribute to the appearance of individual differences in both alcohol and drug problems.

Laboratory Behavioral Studies of Vulnerability to Drug Abuse - 1998


Bridging the Gap Between Practice and Research - Institute of Medicine 1998-08-11 Today, most substance abuse treatment is administered by community-based organizations. If providers could readily incorporate the most recent advances in understanding the mechanisms of addiction and treatment, the treatment would be much more effective and efficient. The gap between research findings and
everyday treatment practice represents an enormous missed opportunity at this exciting time in this field. Informed by real-life experiences in addiction treatment including workshops and site visits, Bridging the Gap Between Practice and Research examines why research remains remote from treatment and makes specific recommendations to community providers, federal and state agencies, and other decisionmakers. The book outlines concrete strategies for building and disseminating knowledge about addiction; for linking research, policy development, and everyday treatment implementation; and for helping drug treatment consumers become more informed advocates. In candid language, the committee discusses the policy barriers and the human attitudes—the stigma, suspicion, and skepticism—that often hinder progress in addiction treatment. The book identifies the obstacles to effective collaboration among the research, treatment, and policy sectors; evaluates models to address these barriers; and looks in detail at the issue from the perspective of the community-based provider and the researcher.


Mental Health Intervention and Treatment of First Responders and Emergency Workers-Bowers, Clint A. 2019-08-30 The stress that comes with being a first responder has been known to lead to depression, anxiety, substance abuse, and suicide. However, few clinicians are informed about these health concerns and how to adequately treat them in this population. Therefore, there is an urgent need for practitioners to understand the latest information regarding treatments that will be useful to this specific population. Mental Health Intervention and Treatment of First Responders and Emergency Workers is an essential reference source that focuses on the latest research for diagnosing and treating mental health issues experienced by emergency personnel and seeks to generate awareness and inform clinicians about the unique circumstances encountered by these professionals. While highlighting topics including anxiety disorders and stress management, this book is ideally designed for clinicians, therapists, psychologists, psychiatrists, practitioners, medical professionals, EMTs, law enforcement, fire departments, military, academicians, researchers, policymakers, and students seeking current research on psychological therapy methods regarding first responders.

Choice, Behavioral Economics, and Addiction-Rudy E. Vuchinich 2003-11-27 Choice, Behavioural Economics and Addiction is about the theory, data, and applied implications of choice-based models of substance use and addiction. The distinction between substance use and addiction is important, because many individuals use substances but are not also addicted to them. The behavioural economic perspective has made contributions to the analysis of both of these phenomena and, while the major focus of the book is on theories of addiction, it is necessary also to consider the behavioural economic account of substance use in order to place the theories in their proper context and provide full coverage of the contribution of behavioural economics to this field of study. The book discusses the four major theories of addiction that have been developed in the area of economic science/behavioural economics. They are: hyperbolic discounting, melioration, relative addiction, rational addiction. The main objective of the book is to popularise these ideas among addiction researchers, academicians and practitioners. The specific aims are to articulate the shared and distinctive elements of these four theories, to present and discuss the latest empirical work on substance abuse and addiction that is being conducted in this area, and to articulate a range of applied implications of this body of work for clinical, public health and public policy initiatives. The book is based on an invitation-only conference entitled, Choice, Behavioural Economics and Addiction: Theory, Evidence and Applications held at the University of Alabama at Birmingham, March 30 - April 1, 2001. The conference was attended by prominent scientists and scholars, representing a range of disciplines concerned with theories of addiction and their consequences for policy and practice. The papers in the book are based on the papers given at the above conference, together with commentaries by distinguished experts and, in many cases, replies to these comments by the presenters.

Behavioral Treatments for Drug Abuse and Dependence-Lisa Simon Onken 1993
Changing Addictive Behavior-Jalie A. Tucker
2001-02-15 This volume proposes that prevailing clinical approaches to treating addictive behaviors are actually best suited to a minority of the population with problems—in the case of substance abusers, those with substantial functional impairment and physical dependence. But what about persons with mild to moderate addictive behavior problems, for whom intensive treatment may prove unnecessarily costly, disruptive, and stigmatizing? Or those substance abusers who are unable or unmotivated to abstain, but want to reduce the harm associated with drug use? Contributors draw upon cutting-edge theory and research to examine ways that traditional therapeutic treatments can be supplemented by public health interventions that extend the reach and effectiveness of care. Timely and pragmatic, the book points the way toward necessary evolutions in the roles of behavior change specialists in today’s challenging health care environment.

Addictive Behaviors in Women-Ronald Ross Watson 2013-11-11 In Addictive Behaviors in Women, leading experts from psychiatry, psychology, sociology, and social work concisely review the addictive process and the characteristic behaviors of women who are dependent on alcohol and/or drugs. Topics include why women smoke, the role of personality in female addiction, sexuality issues in chemically dependent women, dieting and alcohol use in women, alcohol’s role in sexual assault, and the impact of drug abuse on the family and pregnancy. Addictive Behaviors in Women illuminates the causes and effects of the many lifestyle decisions women make that lead to addiction to drugs, work, sex, gambling, or to any of the many other elective aspects of our lives. It shows how addictive decisions can be avoided and/or treated, thereby making women’s lives safer, more productive, and healthier.

NIDA Research Monograph- 1976

Substance and Non-substance Addiction- Xiaochu Zhang 2017-11-02 This book focuses on the similarities and differences between substance and non-substance addictions. It discusses in detail the mechanisms, diagnosis and treatment of substance and non-substance addictions, and addresses selected prospects that will shape future studies on addiction. Addiction is a global problem that costs millions of lives tremendous damage year after year. There are mainly two types of addiction: substance addiction (e.g., nicotine, alcohol, cannabis, heroin, stimulants, etc.) and non-substance addiction (e.g., gambling, computer gaming, Internet, etc.). Based on existing evidence, both types of addiction produce negative impacts on individuals’ physical, mental, social and financial well-being, and share certain common mechanisms, which involve a dysfunction of the neural reward system and specific gene transcription factors. However, there are also key differences between these two types of addiction. Covering these aspects systematically, the book will provide researchers and graduate students alike a better understanding of drug and behavioral addictions.

Handbook of Counseling Women-Mary Kopala 2003-07-11 The Handbook of Counseling Women addresses current theories, research, and issues relevant to the mental and physical well-being of women. Edited by Mary Kopala and Merle A. Keitel, this comprehensive volume is divided into three parts. Part One focuses on theoretical, sociocultural, biological, and developmental considerations. Part Two is devoted to assessment, diagnosis, and intervention. Part Three covers supervision, research, and ethics. Most chapters include case studies, recommendations for further reading, and resources for clients. Essential reading for psychologists, social workers, counselors, and psychiatric nurses, this handbook will also appeal to graduate and undergraduate students in counseling, clinical psychology, and clinical social work courses.

Tobacco Smoking and Nicotine-William R. Martin 2012-12-06 Nicotine is the major factor in the continuation of the smoking habit among humans. On December 2-4, 1985, under the sponsorship of the Tobacco and Health Research Institute in Lexington, Kentucky, leading scientists from around the world whose research efforts have focused on the role of nicotine in the tobacco habit participated in an International Symposium to provide the most comprehensive and extensive coverage of this topic so far. The material discussed was in the forefront of man’s
knowledge about nicotine, and both lectures and question and answer sessions were stimulating and enlightening. This publication contains the manuscripts presented at the Symposium, along with an Overview prepared by selected individuals. Lecture and poster session topics are delineated more fully in the Overview. This volume is expected to serve as a definitive reference on nicotine as it relates to the tobacco habit. Symposium sessions were arranged under four headings: (1) behavioral effects of nicotine and nicotine dependence in humans and animals, (2) neurohumoral regulation of neuroendocrine and cardiovascular function by nicotine, (3) neuropharmacology of nicotine, and (4) neurochemistry. This was the first assembly of this magnitude of scientists who had devoted years of research to nicotine and its effects. Indeed, it was a pleasure to have sponsored this important event. Dr. Lay ten Davis, Director Tobacco and Health Research Institute Cooper and Alumni Drives Lexington, KY 40546-0236

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