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15XYPN - SIENA JANIYAH

Estimates indicate that as many as 1 in 4 Americans will experience a mental health problem or will misuse alcohol or drugs in their lifetimes. These disorders are among the most highly stigmatized health conditions in the United States, and they remain barriers to full participation in society in areas as basic as education, housing, and employment. Improving the lives of people with mental health and substance abuse disorders has been a priority in the United States for more than 50 years. The Community Mental Health Act of 1963 is considered a major turning point in America's efforts to improve behavioral healthcare. It ushered in an era of optimism and hope and laid the groundwork for the consumer movement and new models of recovery. The consumer movement gave voice to people with mental and substance use disorders and brought their perspectives and experience into national discussions about mental health. However over the same 50-year period, positive change in American public attitudes and beliefs about mental and substance use disorders has lagged behind these advances. Stigma is a complex social phenomenon based on a relationship between an attribute and a stereotype that assigns undesirable labels, qualities, and behaviors to a person with that attribute. Labeled individuals are then socially devalued, which leads to inequality and discrimination. This report contributes to national efforts to understand and change attitudes, beliefs and behaviors that can lead to stigma and discrimination. Changing stigma in a lasting way will require coordinated efforts, which are based on the best possible evidence, supported at the national level with multiyear funding, and planned and implemented by an effective coalition of representative stakeholders. Ending Discrimination Against People with Mental and Substance Use Disorders: The Evidence for Stigma Change explores stigma and discrimination faced by individuals with mental or substance use disorders and recommends effective strategies for reducing stigma and encouraging people to seek treatment and other supportive services. It offers a set of conclusions and recommendations about successful stigma change strategies and the research needed to inform and evaluate these efforts in the United States.

This collection provides authoritative coverage of neurobiology of addiction, models of addiction, sociocultural perspectives on drug use, family and community factors, prevention theories and techniques, professional issues, the criminal justice system and substance abuse, assessment and diagnosis, and more.

The devastating psychological, physical, and spiritual damage wrought by the misuse of drugs is indisputable. However, there is a recurring debate over the causes of substance abuse that typically divides along two common assumptions: People either abuse drugs and alcohol out of sheer pleasure-seeking drives run amok or to escape or assuage aversive states of comorbid anxiety or depression. Substance Abuse and Emotion goes beyond this dichotomy in its exploration of recent, significant field observations, theory construction and rigorous testing, and laboratory research to advance working models for a new research paradigm on substance abuse and comorbidity. Notably, the relationship between drugs and emotion is emerging as paramount in understanding drug abuse etiology, maintenance, and relapse. Part I of this edited volume examines various theoretical perspectives on the interrelationship between substance abuse and emotion, such as craving and positive/negative reinforcement; cognitive theories; relapse; and developmental, sociobiological, and evolutionary perspectives. Part II explores new assessment methodologies, such as ecological momentary assessment and the linkage between affect and cognitive deficits among drug users. The book concludes with a research agenda to expand the volumes new paradigm in understanding and treating substance abuse.

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.

Harm reduction programmes accept the reality of drug use while attempting to reduce its harmful consequences to individuals and society. Here, contributors discuss the philosophical basis and history of such policies and examine their outcomes.

"Bennett and Holloway's Understanding Drugs, Alcohol, and Crime is the best, most up-to-date and comprehensive examination for the United Kingdom of interactions among drugs, alcohol, and crime. The authors exhaustively and authoritatively survey current knowledge in the UK, and from many other countries, on drug and alcohol use as cause, and consequence, of crime, and the effects of law enforcement and treatment responses. Clearly written, unfailingly lucid, and admirably accurate, this book will be the indispensable work on British drug policy for many years to come." Professor Michael Tonry, University of Minnesota Law School, USA "What makes this book particularly interesting is the refreshingly non-judgmental presentation which conveys the essence of very important issues in contemporary society. Therefore, this is an ideal text not only for students but also for policy makers, drugs and alcohol counsellors, treatment agencies and everyone interested in doing research on drugs, alcohol and crime." Nicoletta Policek, University of Abertay, Dundee "The publication is not only an excellent summary of the existing research in Great Britain, and to a lesser extent from other jurisdictions, it is a foundation for future research by evoking, and at times provoking, questions and offering a variety of possible responses." Hirsch Greenberg, University of Regina "What is the connection between drugs, alcohol and crime? What works in reducing drugs and alcohol-related crime? The book provides a succinct overview of current theory and research on the links between drugs, alcohol use and crime. It discusses the legal and social context of drug and alcohol use and identifies

current levels of consumption. Focusing on the UK context, it also takes into account international research where appropriate. Detailed review of the research literature on the connections between drug use and crime Examines the current government anti-drugs policy and assesses the effectiveness of programmes that have been used to reduce drug and alcohol-related crime. The book concludes that future government drugs policy should pay particular attention to the lessons learned from research on the connection between drug and alcohol use and crime. Ideal for criminology, criminal justice, social policy and social work students, this book will also be a useful source of information for policy makers, the police, probation workers, social workers, drugs and alcohol counsellors, treatment agencies, sentencers, voluntary agencies, Drug Action Teams, and others with an interest in research on drugs and crime.

Drug abuse and addiction are common in clinical practice. Often they interfere with patient treatment or require an alternative approach. Drug Abuse and Addiction in Medical Illness: Causes, Consequences, and Treatment is a major contribution to the literature, a gold standard title offering a comprehensive range of topics for those who care for patients with addiction, conduct research in this area, or simply have an interest in the field. Offering state-of-the-art information for all those working with drug abusing or addicted patients, or for those interested in this topic from other research perspectives, the volume is a first of its kind book -- rich, comprehensive, yet focused, addressing the needs of the very active theoretical, basic, and clinical research in the field. Comprised of 46 chapters organized in four sections and developed by the leading international experts, Drug Abuse and Addiction in Medical Illness: Causes, Consequences, and Treatment covers virtually every core, as well as contemporary, topic on addiction, from the established theories to the most modern research and development in the field. Enhancing the educational value of the volume, every chapter includes an abstract and two boxes summarizing learning objectives and directions for future research. Drug Abuse and Addiction in Medical Illness: Causes, Consequences, and Treatment discusses the topic in a authoritative, systematic manner and is an indispensable reference for all clinicians and researchers interested in this rapidly changing field.

"The perfect handbook for the clinical supervisor." —Nancy Waite-O'Brien, director, Education and Training, Betty Ford Center "An outstanding contribution to the professional well-being of the addiction field." —Thomas McGovern, editor, Addiction Treatment Quarterly "Forever useful." —S. Beckett, education and training coordinator, National Association of Alcohol and Drug Abuse Counselors

The prevalence of substance abuse in the severely mentally ill is higher than that in the general population, making this a serious issue for clinicians. Integrated treatment, although the most widely adopted approach, is subject to tremendous variation in its operationalisation, especially throughout different parts of the world. Substance Misuse in Psychosis presents the latest international developments and practical treatment interventions that can be used with co-morbid individuals and their families. Different social and cultural contexts are described and contrasted, along with treatment approaches that have been tailored to address the needs of the severely mentally ill. A final section considers sub-groups, e.g. the young, the homeless, outlining the special issues that need to be considered when providing services for these groups.

Each year, more than 33 million Americans receive health care for mental or substance-use conditions, or both. Together, mental and substance-use illnesses are the leading cause of death and disability for women, the highest for men ages 15-44, and the second highest for all men. Effective treatments exist, but services are frequently fragmented and, as with general health care, there are barriers that prevent many from receiving these treatments as designed or at all. The consequences of this are serious— for these individuals and their families; their employers and the workforce; for the nation's economy; as well as the education, welfare, and justice systems. Improving the Quality of Health Care for Mental and Substance-Use Conditions examines the distinctive characteristics of health care for mental and substance-use conditions, including payment, benefit coverage, and regulatory issues, as well as health care organization and delivery issues. This new volume in the Quality Chasm series puts forth an agenda for improving the quality of this care based on this analysis. Patients and their families, primary health care providers, specialty mental health and substance-use treatment providers, health care organizations, health plans, purchasers of group health care, and all involved in health care for mental and substance-use conditions will benefit from this guide to achieving better care.

Drug use is a major challenge for public services, healthcare professionals and policy-makers all over the world. This book offers a complete overview of the issues associated with substance misuse from an interdisciplinary perspective. It begins by providing a reference guide to the different psychoactive substances, looking at the biological and psychological impact of their use. Key issues in the effect drugs have on society are then addressed, before outlining methods of recovery and therapy. Chapters include: Reflective questions to challenge readers' assumptions Case studies to help students understand the impact of substances on individuals Links to further resources to expand readers' knowledge It will be valuable reading for those studying on degrees in criminology, health, nursing, social work and counselling.

All across the United States, individuals, families, communities, and health care systems are struggling to cope with substance use, misuse, and substance use disorders. Substance misuse and substance use disorders have devastating effects, disrupt the future plans of too many young people, and all too often, end lives prematurely and tragically. Substance misuse is a major public health challenge and a priority for our nation to address. The effects of substance use are cumulative and costly for our society, placing burdens on workplaces, the health care system, families, states, and communities. The Report discusses opportunities to bring substance use disorder treatment and mainstream health care systems into alignment so that they can address a person's overall health, rather than a substance misuse or a physical health condition alone or in isolation. It also provides suggestions and recommendations for action that everyone—individuals, families, community leaders, law enforcement, health care professionals, policymakers, and researchers—can take to prevent substance misuse and reduce its consequences.

This book is rooted in the conviction that human biology plays a critical role in understanding drug abuse and antisocial behavior. In the same breath, however, it fundamentally affirms the importance of the many social and environmental factors that influence our behavior across the life course. The study begins with an overview of the scope of the problem of drug abuse and crime, and an examination of how these problems often feed into one another. Building upon that foundation, the focus shifts to a review of cutting-edge research on the genetics and neurobiology of addiction and antisocial behavior across the developmental periods of childhood, adolescence, and adulthood. An explo-

ration of the implications of a biosocial life course approach in terms of drug abuse prevention, and an examination of what lies ahead for drug abuse and criminological research conclude this detailed and timely book. Policy makers, practitioners and scholars of criminology and sociology will find this of particular interest.

Making Connections: Geography and Drug Addiction Geography involves making connections – connections in our world among people and places, cultures, human activities, and natural processes. It involves understanding the relationships and ‘connections’ between seemingly disparate or unrelated ideas and between what is and what might be. Geography also involves connecting with people. When I first encountered an extraordinarily vibrant, intelligent, and socially engaged scientist at a private dinner several years ago, I was immediately captivated by the intensity of her passion to understand how and why people become addicted to drugs, and what could be done to treat or prevent drug addiction. Fortunately, she was willing to think beyond the bounds of her own discipline in her search for answers. Our conversation that evening, which began with her research on fundamental biochemical processes of drug addiction in the human body, evolved inevitably to an exploration of the ways in which research on the geographical context of drug addiction might contribute to the better understanding of etiology of addiction, its diffusion, its interaction with geographically variable environmental, social, and economic factors, and the strategies for its treatment and prevention. This fascinating woman, I soon learned, was Nora Volkow, the Director of the National Institute on Drug Abuse as well as the granddaughter of Leon Trotsky.

An accessible guide to providing effective support to substance users. The book uses transactional analysis to provide models for understanding substance use, assessing clients, intervention and treatment. Counseling techniques such as motivational interviewing and relapse process work are included, and case studies feature throughout.

Drugs, Addiction, and the Brain explores the molecular, cellular, and neurocircuitry systems in the brain that are responsible for drug addiction. Common neurobiological elements are emphasized that provide novel insights into how the brain mediates the acute rewarding effects of drugs of abuse and how it changes during the transition from initial drug use to compulsive drug use and addiction. The book provides a detailed overview of the pathophysiology of the disease. The information provided will be useful for neuroscientists in the field of addiction, drug abuse treatment providers, and undergraduate and postgraduate students who are interested in learning the diverse effects of drugs of abuse on the brain. Full-color circuitry diagrams of brain regions implicated in each stage of the addiction cycle. Actual data figures from original sources illustrating key concepts and findings. Introduction to basic neuropharmacology terms and concepts. Introduction to numerous animal models used to study diverse aspects of drug use. Thorough review of extant work on the neurobiology of addiction.

This engaging and comprehensive book explores social work with problematic substance use. Anna Nelson offers social workers new insight on the subject, helping students to understand the issue as it affects service users across a range of social work practice settings. Written from both an anti-discriminatory and evidence-based perspective the text highlights successful responses to the issues surrounding problematic substance use, so that students and social workers can achieve best practice. Considering the effects of problematic substance use across a wide range of service-user groups, the book takes a reflective approach to this widely misunderstood area. Each chapter includes reflective exercises and examples of further reading challenging students to critically reflect on their practice, and increase their awareness in the area.

(Publisher-supplied data) Drug abuse is a serious national health concern that costs American society billions of dollars and countless lives each year. Though it attracts the attention of politicians, mental health professionals, the media and members of the general public, little real progress has been made toward understanding the nature of the problem. Providing a perspective on alcohol and other drug abuse that should be of value to practitioners, course instructors, and students of psychology, counselling and sociology, this book should also be useful for anyone interested in developing a comprehensive understanding of substance abuse difficulties and their treatment. The organizing theme is that drug abuse can be conceptualized as a lifestyle, in which the individual demonstrates an increasing level of both commitment and preoccupation with drug-related activities, goals and relationships.; The lifestyle model considers three primary categories of influence in offering a working model of drug-seeking behaviour. These three factors, commonly referred to as the "three C's", are conditions internal and external influences that increase or decrease a person's future risk of abusing drugs, choice decision-making processes of an individual, and cognition thinking patterns the individual uses to justify his or her decisions and subsequent drug use behaviour.; The first section of this book probes biological, psychological, and sociological roots of drug abuse, and is followed by a discussion of developmental origins, features and progressions of drug lifestyle involvement. Finally, potential avenue of intervention and prevention are investigated in an effort to construct a comprehensive programme of lifestyle change. Applicable case studies are also examined in relation to these issues.

Learn about the latest federally supported research on ethnicity and drug use The National Institute on Drug Abuse has supported professional research into variation among ethnic groups' use, abuse, and recovery from alcohol, tobacco, and other drugs, as well as research into perceptions of and readiness for treatment. **21st Century Research on Drugs and Ethnicity: Studies Supported by the National Institute on Drug Abuse** takes a detailed look at the research performed in the last three years to help provide evidence-based and culturally competent counseling and treatment for individuals suffering from substance abuse/addiction syndromes. Top researchers discuss crucial unique issues in ethnic group use of psychoactive substances. This valuable resource explores the studies to better enable treatment, counseling, and prevention personnel who work in treatment programs, community groups, and schools to provide effective evidence-based practices tailored to the population they serve. **21st Century Research on Drugs and Ethnicity: Studies Supported by the National Institute on Drug Abuse** presents prominent researchers such as J. Scott Tonigan, William Miller, and Mario de la Rosa who reveal and discuss the latest important data. This volume can be used by practitioners to increase the rates of individuals making healthy choices, or recovering from and sustaining recovery from abuse syndromes. The book also includes an introduction by Lula Beatty, PhD, Chief of the Special Populations Office at the National Institute on Drug Abuse. Topics discussed in **21st Century Research on Drugs and Ethnicity: Studies Supported by the National Institute on Drug Abuse** include: a comparison of professional models of treatment readiness analysis of how client culture matches treatment culture Native American client response to modern treatment modalities research on current rates of drug use among racial/ethnic groups at colleges study into injecting drug use behaviors problems of treatment underutilization by Latinos/Latinas and much more! **21st Century Research on Drugs and Ethnicity: Studies Supported by the National Institute on Drug Abuse** is a valuable resource for human service workers, psychologists, social workers, addictions researchers, educators, trainers, treatment personnel, and graduate students in counseling, social work, health, and addictions.

Key to understanding drug misuse is an awareness of the full range of models that seek to define, explain and treat the problem. This book covers the full breadth of medical, social and psychological approaches to drug use, while retaining focus on the one question which is seldom asked: What do drug users themselves think? Based on extensive research, **Understanding Drug Misuse** offers com-

prehensive analysis of the diversity of drug-related problems, interwoven with frank – and often challenging – user perspectives. Combining theory and research evidence with extracts from the author's own interviews with drug users, this insightful text explores: - Drug use, drug dependence and discussion of maintenance versus abstinence - Health risks, harm minimization and public health solutions - Social harm, social exclusion, and problems of community safety and crime - Practice implications for harm minimization, treatment, after-care and relapse prevention With practical guidance that will inform all work directly related to drug policy or practice, **Understanding Drug Misuse** is an essential text for all students taking modules in substance abuse and addiction studies. It also makes fascinating and fundamental reading for specialist and generic workers in the health, social care and criminal justice professions.

Drug Abuse: Concepts, Prevention, and Cessation serves as a comprehensive source of information on the topography of, causes of, and solutions to drug problems. The text covers conceptual issues regarding definitions of drug use, misuse, abuse, and dependence. Importantly, the text addresses a variety of theoretical bases currently applied to the development of prevention and cessation programs, specific program content from evidence-based programs, and program processes and modalities. Information regarding etiology, prevention, and cessation is neatly delineated into (a) neurobiological, (b) cognitive, (c) micro-social, and (d) macro-social/physical environmental units. The book is ideally suited as a primary source for students and professionals in chemical dependence programs, clinical and health psychology, public health, preventive medicine, nursing, sociology, and social work, among other fields, on the nature, causes, prevention, and cessation of the abuse of legal and illegal drugs.

This title presents differing theoretical perspectives and a mix of viewpoints on causation, consequences, prevention practices, and policy. It details important emerging areas of study on this topic, such as genetics, race, and age. It links drug use etiology to other areas of behavioral science. It presents implications of the science on policy and practice.

(Publisher-supplied data) This book represents the first systematic discussion of the Gateway Hypothesis, a developmental hypothesis formulated to model how adolescents initiate and progress in the use of various drugs. In the United States, this progression proceeds from the use of tobacco or alcohol to the use of marijuana and other illicit drugs. This volume presents a critical overview of what is currently known about the Gateway Hypothesis. The authors of the chapters explore the hypothesis from various perspectives ranging from developmental social psychology to prevention and intervention science, animal models, neurobiology and analytical methodology. This volume is original and unique in its purview, covering a broad view of the Gateway Hypothesis. The juxtaposition of epidemiological, intervention, animal and neurobiological studies represents a new stage in the evolution of drug research, in which epidemiology and biology inform one another in the understanding of drug abuse.

The nature of drug misuse and the delivery of health care have changed since the clinical guidelines were published in 1991. These clinical guidelines reflect these changes, as well as increased prominence of drug misuse on the national agenda.

Taking an interdisciplinary approach in its comprehensive coverage of current drug issues, **Maisto/Galizio/Connors' DRUG USE AND MISUSE, 9th Edition**, weaves historical, social, psychological, cultural, biological and medical perspectives as it emphasizes the idea that a drug's effects depend not only on its properties, but also on the psychological and biological characteristics of its user. Thoroughly updated with the latest research, emerging social trends and legal changes, the new edition includes the most current survey data available on patterns of drug use in the U.S. and other countries as well as the most recent data available from the Center for Behavioral Health Statistics and Quality and the National Survey on Drug Use and Health (SAMHSA). Timely end-of-chapter essays and critical thinking questions help you focus on the real-world application of chapter concepts. Important Notice: Media content referenced within the product description or the product text may not be available in the ebook version.

Principles of Addiction provides a solid understanding of the definitional and diagnostic differences between use, abuse, and disorder. It describes in great detail the characteristics of these syndromes and various etiological models. The book's three main sections examine the nature of addiction, including epidemiology, symptoms, and course; alcohol and drug use among adolescents and college students; and detailed descriptions of a wide variety of addictive behaviors and disorders, encompassing not only drugs and alcohol, but caffeine, food, gambling, exercise, sex, work, social networking, and many other areas. This volume is especially important in providing a basic introduction to the field as well as an in-depth review of our current understanding of the nature and process of addictive behaviors. **Principles of Addiction** is one of three volumes comprising the 2,500-page series, **Comprehensive Addictive Behaviors and Disorders**. This series provides the most complete collection of current knowledge on addictive behaviors and disorders to date. In short, it is the definitive reference work on addictions. Each article provides glossary, full references, suggested readings, and a list of web resources Edited and authored by the leaders in the field around the globe – the broadest, most expert coverage available Encompasses types of addiction, as well as personality and environmental influences on addiction

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.

"**Drugs, Brains, and Behavior**" is an online textbook written by C. Robin Timmons and Leonard W. Hamilton. The book was previously published by Prentice Hall, Inc. in 1990 as "**Principles of Behavioral Pharmacology**." The authors attempt to develop an understanding of the interpenetration of brain, behavior and environment. They discuss the chemistry of behavior in both the literal sense of neurochemistry and the figurative sense of an analysis of the reactions with the environment.

Why are some drugs considered socially acceptable while others are demonized? What makes these definitions so widespread? Who benefits from these conceptualizations? The **Drug Paradox** examines both the empirically founded and the socially constructed facets of drugs and drug use, highlighting the incongruous aspects of laws, policies, and programming that aim to address behaviours around drugs. The authors explore this paradox, arguing that Canada's punitive approach to addressing drug use continues to exist alongside harm-reduction strategies and that these competing approaches ultimately impede Canada's ability to deal effectively with substance misuse. Using a policy-oriented approach while also emphasizing the utility of a multifaceted biopsychosocial model, this text provides students with a foundation in the sociology of psychoactive substances in the Canadian context. It covers a broad range of issues—models of addiction, the history of Canada's drug laws, media representation, government responses to substance use, and international perspectives on drug policy—and addresses various research areas that are important for students to consider when trying to make sense of the competing discourses on drugs in society. The **Drug Paradox** is ideal for use in sociology courses on drugs and drug use and will also appeal to those focusing on drug use from a criminology, public health, or policy perspective.

Focusing on two central themes--the psychobiological evolution from youth to adult and the effects of drugs on the developing central nervous system--this important reference elucidates the mechanisms of chemical dependency in adolescents. Its multidisciplinary coverage analyzes addiction across major domains of human functioning against the backdrop of hormonal, cognitive, and other changes that accompany the transition to adulthood. Chapters discuss legal as well as illicit drugs, examine age-related social contexts, and present the latest findings on links between drug use and mental disorders. Throughout, the contributors make clear that education is more valuable to understanding--and preventing--substance abuse than are prohibition and zero-tolerance thinking. Included among the topics: Cognitive development, learning, and drug use. Neurobiology of the action of drugs of abuse. Findings in adolescents with substance dependence based on neuroimaging tests. Alcohol abuse in adolescents: relevance of animal models. Effects of chronic drug abuse on the chronobiology of sleep in adolescents. Neurological and cognitive disorders arising from the chronic use of drugs of abuse. The multiple lenses for understanding its subject and the sensitivity with which causal nuances are treated make *Neuroscience of Drug Abuse in Adolescence* an invaluable resource for clinical and child psychologists, psychiatrists, social workers, and addiction counselors.

Models of Care for Drug Service Provision encourages a greater understanding of the Models of Care system, and how it can be used in the interest of clients' health and well-being. It describes the different range of treatment responses that can be offered and illustrates the patient's journey through this model. It uses a fictitious account of a client with a drug problem to highlight the various technical aspects of treatments and issues that can commonly arise. "This new book is a wonderful reminder that we are dealing first and foremost with human beings who are complex, vulnerable and who also happen to have a drug problem. Our treatment professionals need to be well informed, up to date and responsive to the needs of clients. They also need to be understanding, tolerant and resourceful. *Models of Care for Drug Service Provision* assists them by providing a framework within which to work and by helping to bind together the range of professionals and services into a system of care." -- Don Lavoie, National Treatment Agency

Sets out clear recommendations, based on the best available evidence, for healthcare staff on how to work with people who misuse drugs (specifically opioids, stimulants and cannabis) to significantly improve their treatment and care.

From the stresses of repeated deployments to the difficulties of re-entry into civilian life, we are just beginning to understand how protracted conflicts, such as those in Iraq and Afghanistan, are affecting service members. Issues such as risky health behaviors and chemical dependence raise productivity concerns as they do with all organizations, but they also have a profound impact on the safety and readiness of troops--and by extension, the military as a whole--in life-or-death situations. *Understanding Military Workforce Productivity* cuts through the myths and misconceptions about the health and resilience of today's active-duty armed forces. This first-of-its-kind volume presents up-to-date findings across service branches in core health areas including illness and injury, alcohol and drug abuse, tobacco use, obesity, and mental health. The short- and long-term implications discussed relate to the quality of the lives of service members and their families, the quality and preparedness of the military as a workforce, and prevention and intervention efforts. The book: Presents data from ten large-scale health behavior surveys sponsored by the Department of Defense. Offers background context for understanding health and behavioral health and productivity among service mem-

bers. Introduces a health and behavioral health model of productivity loss in the armed forces. Compares key indicators of substance abuse, health, and mental health in military and civilian populations. Reviews approaches for improving military productivity. Identifies areas for further study. *Understanding Military Workforce Productivity* offers a rare close-up of health issues in the services, making it an invaluable source of information for practitioners and researchers in mental health, substance abuse, health behaviors, and military behavioral health.

Working with Drug and Alcohol Users provides an accessible guide to substance use and working with substance users. Using transactional analysis theory, the author explains why some people use substances, exploring different personality types, and covers the basic components of drug counseling. The book then outlines different counseling techniques used to treat and manage substance users, using transactional analysis models. These include motivational interviewing, harm reduction counseling, drug use ambivalence work and relapse process work. A chapter on teenage drug users is also included. Case examples feature throughout to demonstrate the ideas in practice. This will be an essential guide for all those working with drug and alcohol users, including counselors, psychotherapists, psychologists and support workers.

Based on extensive research, *Understanding Drug Misuse* offers comprehensive analysis of the diversity of drug-related problems interwoven with frank--and often challenging--user perspectives. Combining theory and research evidence with extracts from the author's own interviews with drug users. --

Our understanding of addiction and how it is treated has advanced remarkably over the past decades, and much of the progress is related directly to animal research. This is true for both the behavioural aspects of drug use as well as the biological underpinnings of the disorder. In *Animal Models of Drug Addiction*, experts in the field provide an up-to-date review of complex behavioural paradigms that model different stages of this disorder and explain how each test is used to effectively replicate the progression of drug addiction. This detailed and practical book begins with the most common laboratory measures of addiction in animals, including intracranial self-stimulation (ICSS), drug self-administration, place conditioning, and sensitization. Later chapters describe how these paradigms are used to model the progression of drug addiction, providing insight into the clinical symptomatology of addiction from acquisition of drug use through compulsive drug taking to withdrawal and relapse. Written for the popular *Neuromethods* series, the contributions offer both methodological detail and a theoretical perspective, appealing to readers familiar with preclinical research on drug addiction as well as those who are newcomers to the field. Cutting-edge and authoritative, *Animal Models of Drug Addiction* will serve as a basis for future vital research that links the bench to the bedside in the crucial treatment of drug addiction.

Recoge : 1. Epidemiology of drug use at macro level - 2. What are dynamic models and how can they be used? - 3. Modelling drug misuse in Europe using geographic information systems - 4. Using available data with dynamic models to estimate the extent of problem drug use - 5. Multiple-indicator models - 6. The method of back calculation as a means of estimating incidence - 7. Compartmental modelling and stochastic dynamic systems - 8. Dynamic models in drug epidemiology - 9. Structural equations and path analyses - 10. Modelling infectious diseases and other health consequences - 11. Developing multinational scenario analyses of health impacts of drug use - 12. Modelling the health-care costs of drug-use-related disease - 13. Economic market models.