Encyclopedia of Drugs, Alcohol & Addictive Behavior

Third Edition

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CONTENTS

Preface . . . Volume 1, ix
List of Articles . . . Volume 1, xiii
List of Contributors . . . Volume 1, xxi

VOLUME 1: A–C

VOLUME 2: D–L

VOLUME 3: M–R

VOLUME 4: S–Z

Index . . . Volume 4, 321
PREFACE

The first edition of the *Encyclopedia of Drugs and Alcohol* (as it was first titled), published in 1995, was the product of a massive effort on the part of Jerome H. Jaffe and a group of distinguished colleagues that he, through his long experience and many friends in the various fields of addiction studies, was able to bring together. The result of the collaboration among the members of this original group was a compendium of information from every viewpoint and specialty having to do with the use and abuse of psychoactive substances. We, the editors of this third edition of the *Encyclopedia*, have attempted to remain true to Dr. Jaffe’s original purpose as described in the preface to the first edition.

The Macmillan *Encyclopedia of Drugs and Alcohol* has been written as a comprehensive source of information for non-specialists who have an interest in any of the diverse topics that are included under the broad general heading of substance use and abuse. While many of the entries are devoted to the actions of drugs on the body, the work as a whole is intended to serve the wider interests of social science and includes articles on social policy, history, politics, economics, international trafficking, law enforcement, scientific and medical research, treatment and prevention of drug abuse, and epidemiology.

The title of the second edition, published in 2001, was modified to include addictive behaviors that did not involve drugs or alcohol. While paying close attention to the original vision and the broader scope reflected in the title change, we have tried to update and expand the work to include new and emerging topics and important developments in the many fields of addiction studies. We have included information on recent scientific discoveries and theories in behavioral neuroscience, which help to illuminate how addictive substances and behaviors affect the brain and the impact of these effects on behavior. This new scientific information also includes a growing number of discoveries in genetics, which have emerged following the sequencing of the human genome. In addition, recent advances in neuroimaging have made it possible to examine events occurring in the healthy and addicted brains of animals and humans, further elucidating the underlying processes. The results of new, large-scale population studies inform much of the epidemiologic coverage of substance use, abuse, and dependence. We have gone to some lengths to reorganize the sections on treatment in as intuitive a way as possible and to include new developments in the use of medications, which increasingly are being combined
with psychosocial interventions in the treatment of individuals with addictive disorders.

Recognizing the cultural importance of how addiction is perceived both in the United States and in societies and political systems throughout the world, the editorial board obtained authoritative essays on such popular subjects as drugs in the movies, the effect of the Internet on drug use, and the coverage of addiction issues in the media. In order to give the reader a broad view of how these issues are understood and dealt with in cultures other than that of the United States, we commissioned articles on drug use and trafficking in a representative group of countries and regions.

We have tried to maintain standards of objectivity in the treatment of controversial subjects and to provide enough information on competing theories and points of view so that readers may draw their own conclusions. One of the main challenges in compiling these volumes was to ensure that the language used by the contributors was not so technical as to make the entries obscure. In reviewing entries prior to publication, a concerted effort was made to use lay language whenever possible and, when technical terms were required, to define them. We, the editors in chief, are satisfied that the finished work provides an authoritative source of information that will help to educate the general public on a variety of complex and controversial issues.

This third edition contains 545 entries, of which nearly 70 percent are either completely new (133 articles) or substantially revised and updated (236 articles). Early on, the editors decided, and Macmillan Reference personnel agreed, that the extensive list of treatment programs included in the fourth volume of the first two editions should be dropped. It was the board’s judgment that such a list would fall out of date so fast as to be of little use to the reader.

In early 2006, Kate Hanley of Macmillan Reference invited Pam Korsmeyer and Henry Kranzler to consider sharing the task of editor in chief of a third edition of the Encyclopedia. Both were pleased and honored to accept the invitation. Ms. Korsmeyer had worked for many years as an editor and writer on the history of use, abuse, and control of psychoactive substances, and she was happy to be able to reengage the field after several years’ absence. Dr. Kranzler has been a clinician and investigator in addictions for more than twenty years and welcomed the opportunity to survey the biological and medical aspects of the field comprehensively, as required by a thorough revision of the Encyclopedia.

At the beginning of the Encyclopedia project, the editors in chief and the Macmillan Reference project managers agreed that the work of constructing the table of contents, developing “scopes” for each article, and reviewing the finished essays should be divided among six fields of interest. A prominent scholar was then invited to take responsibility for each of the six fields, and the two editors in chief oversaw three fields apiece. Henry Kranzler worked with Deborah Hasin (epidemiology), Kathleen Carroll (treatment), and Michael Kuhar (neuroscience and pharmacology). Pam Korsmeyer guided the efforts of Nancy Campbell (history, society, and culture), Eric Wish (public policy), and Virginia Berridge (international issues). Howard Kushner also participated in the initial development of the table of contents, contributing first-rate work to the coverage of history, society, and culture. When he found that he was unable to remain on the editorial board, Nancy Campbell stepped in, much to the good fortune of the project and the editors.
The substantial organizational effort could not have been possible without the contributions of the staff at Macmillan/Gale, who were ably led by Kate Hanley, Jeffrey Lehman, and Alan Hedblad. Their tireless dedication kept the editorial board and editors in chief focused on the task of identifying suitable authors for the many revised and new entries, providing direction in the preparation of initial draft entries, and thoroughly editing the entries to ensure their suitability for inclusion in the *Encyclopedia*.

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ARTICLES

A
Abstinence Violation Effect (AVE)
Abuse Liability of Drugs: Testing in Humans
Abuse Liability of Therapeutic Drugs: Testing in Animals
Accidents and Injuries from Alcohol
Accidents and Injuries from Drugs
Acetylcholine
Addiction: Concepts and Definitions
Addiction (Journal)
Addiction Severity Index (ASI)
Addictive Personality and Psychological Tests
Adolescents and Drug Use
Adult Children of Alcoholics (ACOA)
Advertising and the Alcohol Industry
Advertising and the Pharmaceutical Industry
Advertising and Tobacco Use
Afghanistan
Africa
African Americans, Ethnic and Cultural Factors Relevant to Treatment for Aggression and Drugs: Research Issues
Aging, Drugs, and Alcohol
Agonist
Agonist-Antagonist (Mixed)
Al-Anon
Alateen
Alcohol
Chemistry and Pharmacology
History of Drinking (International)
History of Drinking in the United States
Psychological Consequences of Chronic Abuse
Alcohol and AIDS
Alcohol- and Drug-Exposed Infants
Alcohol- and Drug-Free Housing
Alcohol, Smoking, and Substance Involvement Screening Test (ASSIST)
Alcohol Use Disorders Identification Test (AUDIT)
Alcoholics Anonymous (AA)
Alcoholism: Abstinence versus Controlled Drinking
Alcoholism: Origin of the Term
Alkaloids
Allergies to Alcohol and Drugs
Amantadine
American Society of Addiction Medicine (ASAM)
Amobarbital
Amotivational Syndrome
Amphetamine
Amphetamine Epidemics, International
Amygdala
Anabolic Steroids
Analgesic
Anhedonia
Anorectic
Anorexia
Anorexia Nervosa
Anslinger, Harry Jacob, and U.S. Drug Policy
Antagonist
Antagonists of Alcohol and Drugs
Antidote
Antisocial Personality Disorder
Anxiety
Aphrodisiac
Arrestee Drug Abuse Monitoring (ADAM and ADAM II)
Asset Forfeiture
Association for Medical Education and Research in Substance Abuse (AMERSA)
Attention Deficit Hyperactivity Disorder
AUDADIS
Australia
Automation of Reports and Consolidated Orders System (ARCOS)
Ayahuasca

B
Barbiturates
Barbiturates: Complications
Beers and Brews
Behavioral Economics
Behavioral Tolerance
Benzodiazepines
Benzodiazepines: Complications
Benzoylcegonine
Betel Nut
Bhang
Blood Alcohol Concentration
Blood Alcohol Concentration, Measures of
Bolivia
Border Management
Brain Structures and Drugs
Breathalyzer
Britain
Britain: Alcohol Use and Policy
Britain: Tobacco Use and Policy
Bulimia Nervosa

C
Caffeine
Calcium Carbimide
Canada
Cancer, Drugs, and Alcohol
Cannabinoids
Cannabis, International Overview
Cannabis Sativa
Caribbean, Illicit Drugs in
Catecholamines
Child Abuse and Drugs
Childhood Behavior and Later Substance Use
China

Chinese Americans, Alcohol and Drug Use Among
Chloral Hydrate
Chlordiazepoxide
Chocolate
Chromosome
Chronic Pain
Civil Commitment
Civil Remedies
Clinical Trials Network
Clone, Cloning
Club Drugs
Coca Paste
Coca Plant
Coca/Cocaine, International
Cocaethylene: Immunologic, Hepatic, and Cardiac Effects
Cocaine
Codeine
Codependence
Coerced Treatment for Substance Offenders
Coffee
Cola/Cola Drinks
College on Problems of Drug Dependence (CPDD), Inc.
Colombia
Complications
Medical and Behavioral Toxicity Overview
Cardiovascular System (Alcohol and Cocaine)
Cognition
Endocrine and Reproductive Systems
Immunologic
Liver (Clinical)
Liver (Metabolic)
Mental Disorders
Neurological
Nutritional
Route of Administration
Compulsions
Computerized Diagnostic Interview Schedule for DSM-IV (C DIS-IV)
Conditioned Tolerance
Conduct Disorder and Drug Use
Controlled Substances Act of 1970
Controls: Scheduled Drugs/Drug Schedules, U.S.
Coping and Drug Use
Crack
Craving
Creativity and Drugs
Crime and Alcohol
Crime and Drugs
Criminal Justice System, Treatment in the
Crop Control Policies
Cults and Drug Use

D
Delirium
Delirium Tremens (DTs)
Depression
Designer Drugs
Dextroamphetamine
Diagnosis of Substance Use Disorders: Diagnostic Criteria
Diagnostic and Statistical Manual (DSM)
Diagnostic Interview for Genetic Studies (DIGS)
Dihydromorphine
Dimethyltryptamine (DMT)
Distillation
Distilled Spirits, Types of
Distilled Spirits Council
Dogs in Drug Detection
DOM
Dopamine
Dose-Response Relationship
Dover’s Powder
Dramshop Liability Laws
Driving, Alcohol, and Drugs
Driving Under the Influence (DUI)
Dropouts and Substance Use
Drug
Drug Abuse Reporting Program (DARP)
Drug Abuse Screening Test (DAST)
Drug Abuse Treatment Outcome Studies (DATOS)
Drug Abuse Warning Network (DAWN)
Drug Courts
Drug Interaction and the Brain
Drug Interactions and Alcohol
Drug Interdiction
Drug Laws: Financial Analysis in Enforcement
Drug Laws, Prosecution of
Drug Metabolism
Drug Policy Alliance (DPA)
Drug Testing Methods and Clinical Interpretations of Test Results
Drug Types
Dynorphin

E
Eastern Europe
Economic Costs of Alcohol and Drug Abuse
ED50
Employee Assistance Programs (EAPs)
Endorphins
Enkephalin
Epidemics of Drug Abuse in the United States
Epidemiology of Alcohol Use Disorders
Epidemiology of Drug Abuse
Ethchlorvynol
Ethinamate
Ethnopharmacology
European Union
Exclusionary Rule
Expectancies

F
Families and Drug Use
Fashion Industry, International
Fermentation
Fetal Alcohol Syndrome
Fetus, Effects of Drugs on the
Fly Agaric
Foreign Policy and Drugs, United States
France
Freebasing
Freud and Cocaine
Funding and Service Delivery of Treatment

G
Gambling
Gambling Addiction: Assessment
Gambling Addiction: Epidemiology
Gamma-Aminobutyric Acid (GABA)
Gangs and Drugs
Ganja
Gender and Complications of Substance Abuse
Gene
Gene Regulation: Drugs
Genome Project
Germany
Ginseng
Glutamate
Glutethimide
Golden Triangle as Drug Source

**H**
Hair Analysis as a Test for Drug Use
Hallucination
Hallucinogenic Plants
Hallucinogens
Harm Reduction
Harrison Narcotics Act of 1914
Hashish
Hemp
Hepatitis C Infection
Heroin
Hispanic Americans, Alcohol and Drug Use Among
HIV Risk Assessment Battery (RAB)
Homelessness, History of Association with Alcohol
and Drugs
Hookah
Hydromorphone

**I**
Iatrogenic Addiction
Ibogaine
Imaging Techniques: Visualizing the Living Brain
Immunooassay
Impulsivity and Addiction
India and Pakistan
Industry and Workplace, Drug Use in
Inhalants
Inhalants: Extent of Use and Complications
Injecting Drug Users and HIV
International Classification of Diseases (ICD)
International Control Policies
International Drug Supply Systems
Internet: Impact on Drug and Alcohol Use
Intimate Partner Violence and Alcohol/Substance Use
Ireland, Republic of
Italy

**J**
Japan
Jellinek Memorial Fund
Jews and Alcohol
Jimsonweed

**K**
Kava
Kenya
Khat

**L**
L-Alpha-Acetylmethadol (LAAM)
Laudanum
LD50
Legal Regulation of Drugs and Alcohol
Legalization vs. Prohibition of Drugs: Historical Perspective
Legalization vs. Prohibition of Drugs: Policy Analysis
Limbic System
Lysergic Acid Diethylamide (LSD) and Psychedelics

**M**
Mandatory Sentencing
Marijuana (Cannabis)
MDMA
Media
Memory, Effects of Drugs on
Meperidine
Meprobamate
Mescaline
Methadone Maintenance Programs
Methamphetamine
Methanol
Methaqualone
Methedrine
Methylphenidate
Mexico
Michigan Alcoholism Screening Test (MAST)
Middle East
Military, Drug and Alcohol Abuse in the United States
Mini International Neuropsychiatric Interview (MINI)
T
T-ACE
Tax Laws and Alcohol
Tea
Temperance Movement
Terrorism and Drugs
Tetrahydrocannabinol (THC)
Theobromine
Tobacco
A History of Tobacco
An International Overview
Tobacco Industry
 Dependence
Medical Complications
Smokeless
Smoking Cessation and Weight Gain
Tolerance and Physical Dependence
Toughlove
Treatment
An Overview
An Overview of Alcohol Abuse/Dependence
An Overview of Drug Abuse/Dependence
A History of Treatment in the United States
Treatment, Behavioral Approaches to
An Overview
Cognitive Therapy
Cognitive-Behavioral Therapy
Contingency Management
Couples and Family Therapy
Group Therapy
Long-term versus Brief
Minnesota Model
Motivational and Brief
Self-Help and Anonymous Groups
Traditional Dynamic Psychotherapy
Twelve-Step and Disease Model Approaches
Treatment, Pharmacological Approaches to
An Overview
Anticonvulsants
Antidepressants
Antipsychotics
Aversion Therapy
Acamprosate
Buprenorphine
Clonidine
Disulfiram
Long-Acting Preparations
Methadone
Naltrexone
Serotonin-Uptake Inhibitors
Vaccines
Treatment, Specialty Approaches to
Acupuncture
Hypnosis
Adolescents
Older Adults
Therapeutic Communities
Treatment, Stages/Phases of
Initiation of Abstinence
Medical Detoxification
Non-Medical Detoxification
Screening and Brief Intervention
Relapse Prevention
Stabilization
Aftercare
Treatment: Outpatient versus Inpatient Setting
Treatment Accountability for Safer Communities (TASC)
Treatment Outcome Prospective Study (TOPS)

U
U.S. Government
The Organization of U.S. Drug Policy
Agencies in Drug Law Enforcement and Supply Control
Agencies Supporting Substance Abuse Prevention and Treatment
Agencies Supporting Substance Abuse Research
U.S. Government Agencies
Bureau of Narcotics and Dangerous Drugs (BNDD)
Center for Substance Abuse Prevention (CSAP)
Center for Substance Abuse Treatment (CSAT)
National Institute on Alcohol Abuse and Alcoholism (NIAAA)
National Institute on Drug Abuse (NIDA)
Office of Drug Abuse Law Enforcement (ODALE)
Office of Drug Abuse Policy
Office of National Drug Control Policy
Special Action Office for Drug Abuse Prevention (SAODAP)
Substance Abuse and Mental Health Services Administration (SAMHSA)
U.S. Customs and Border Protection (CBP)
U.S. Public Health Service Hospitals

W
Welfare Policy and Substance Abuse in the United States

Wikler’s Conditioning Theory of Drug Addiction
Withdrawal
Alcohol
Benzodiazepines
Cocaine
Nicotine (Tobacco)
Nonabused Drugs
Woman’s Christian Temperance Union
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Zero Tolerance
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Addiction (Journal)
Alcohol, Smoking, and Substance Involvement Screening Test (ASSIST)
Diagnosis of Substance Use Disorders: Diagnostic Criteria
Diagnostic and Statistical Manual (DSM)
International Classification of Diseases (ICD)
Michigan Alcoholism Screening Test (MAST)
Treatment, Stages/Phases of: Screening and Brief Intervention

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Internet: Impact on Drug and Alcohol Use
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Pemoline
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Hallucinogenic Plants
Lysergic Acid Diethylamide (LSD) and Psychedelics
Mescaline
Morning Glory Seeds
Nutmeg
Peyote
Psilocybin

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Calcium Carbimide
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Tetrahydrocannabinol (THC)

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**Antagonist**

**Aphrodisiac**

**Designer Drugs**

**Dose-Response Relationship**

**Drug Interaction and the Brain**

**Drug Types**

**Drug ED50**

**Ethnopharmacology**

**LD50**

**Pharmacology**

**Plants, Drugs From**

**Psychoactive Drug**

**Psychoactive**

**Psychopharmacology**

**Receptor, Drug**

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Crime and Drugs

Distilled Spirits Council

Dramshop Liability Laws

Drug Interdiction

Drug Laws, Prosecution of

**Drug Laws: Financial Analysis in Enforcement**

**Economic Costs of Alcohol and Drug Abuse**

**Exclusionary Rule**

**Foreign Policy and Drugs, United States**

**Legal Regulation of Drugs and Alcohol**

**Mandatory Sentencing**

**New York State Civil Commitment Program**

**Paraphernalia, Laws Against**

**Rockefeller Drug Laws**

**Tax Laws and Alcohol**

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