ABSTRACT

The Drug Abuse Current Awareness System (DACAS) is a comprehensive biweekly listing of citations of the recent drug abuse literature, derived from scanning the major publications media in the area, including scientific and technical journals, popular magazines, underground newspapers, books, legal journals, and government project reports. The citations are categorized into 21 "Major Subject Areas" as follows: History; Socio-Cultural Aspects; Epidemiology; Law and Public Policy; Etiology; Treatment and Rehabilitation; Psychology and Psychological Effects; Public Information; Drug Education; Community Action; Information Resources; Pharmacology, Chemistry, and Toxicology; Behavior and Physiological Effects; Narcotics; Stimulants; Depressants; Hallucinogens; Cannabis and Derivatives; Volatile Substances; Other Drugs of Abuse; and Literature. Citations are listed alphabetically by author under each heading with complete bibliographical information. The original articles are not available from the clearinghouse, but may be obtained from local university or medical libraries. A listing of current "Conferences and Seminars" follows. DACAS is distributed by the National Clearinghouse for Drug Abuse Information which is operated by the National Institute of Mental Health. (Author/LK)
Volume 1, Number 5
August 28, 1972

NATIONAL CLEARINGHOUSE
FOR DRUG ABUSE INFORMATION
DRUG ABUSE CURRENT AWARENESS SYSTEM

DACAS

Jean R. McMillen . . . . . . . . . . Acting Program Director
National Clearinghouse for
Drug Abuse Information

Susan B. Lachter . . . . . . . . . . Project Manager
Drug Abuse Current
Awareness System

The Drug Abuse Current Awareness System (DACAS) is
prepared for publication by Herren and Company
under Contract Number HSM-42-72-60.

The National Clearinghouse for Drug Abuse Information, operated by the National Institute of Mental Health on behalf of the Special Action Office for Drug Abuse Prevention and the Federal agencies engaged in drug education programs, is the focal point for Federal information on drug abuse. The Clearinghouse distributes publications and refers specialized and technical inquiries to Federal, State, local, and private information resources.

Inquiries should be directed to the National Clearinghouse for Drug Abuse Information, 5600 Fishers Lane, Rockville, Maryland 20852.
INTRODUCTION

The Drug Abuse Current Awareness System (DACAS) is a comprehensive biweekly listing of citations of the recent drug abuse literature, derived from scanning the major publications media in the area, including scientific and technical journals, popular magazines, underground newspapers, books, legal journals, and government project reports. The citations are categorized into the twenty-one Major Subject Areas listed below. Citations are listed alphabetically by author under each heading when there are entries for that issue.

History
Socio-Cultural Aspects
Epidemiology
Law and Public Policy
Etiology
Treatment and Rehabilitation
Psychology and Psychological Effects
Public Information
Drug Education
Community Action
Information Resources

Pharmacology, Chemistry, and Toxicology
Behavioral and Physiological Effects
Narcotics
Stimulants
Depressants
Hallucinogens
Cannabis and Derivatives
Volatile Substances
Other Drugs of Abuse
Literature

To better serve the very specific needs of researchers and professionals in the area, the Clearinghouse has developed a chart/matrix of drug abuse research which is attached to each DACAS list for use as a quick index reference. The matrix is composed of drug categories more specific than the Major Subject Areas, such as LSD, marihuana, barbiturates, and amphetamines, and research areas and methods including treatment modalities, chemical techniques, biochemical and metabolic studies, and etiology.

Not all articles in the DACAS list are included in the matrix since broad categories, such as Public Information, Law and Public Policy, Community Action, History, and Other Drugs of Abuse, do not require coordinate indexing for quick identification. Citations are already categorized under these headings in the list itself.
The original articles cited in this list are abstracted and entered into the Drug Abuse Information Resources and Materials File, which is part of the Clearinghouse computerized storage and retrieval system. The original articles are not available from the Clearinghouse, but may be obtained from local university or medical libraries.

The first issues of the Drug Abuse Current Awareness System are considered pilot issues. The Clearinghouse is interested in eliciting comments and criticisms regarding the value of this publication so that it can be improved and made more responsive to the needs of the public.

Please direct your comments to:

(Mrs.) Susan B. Lachter
Project Manager
Drug Abuse Current Awareness System
National Clearinghouse for Drug Abuse Information
5600 Fishers Lane
Rockville, Maryland 20852
SOCIO-CULTURAL ASPECTS


564 /The adolescent and marihuana./ (Fre) *Concours Medical*, 94(12):2168-2176, March 18, 1972.

EPIDEMIOLOGY


LAW AND PUBLIC POLICY


ETIOLOGY


TREATMENT AND REHABILITATION

585 Coming - immunization against drug addiction? Medical Times, 100(4):120, April, 1972.


PSYCHOLOGY AND PSYCHOLOGICAL EFFECTS

589 Cuparencu, B. /Pharmacological influences on memory./ (Rum) Clujul Medical, 3:709-715, 1971.

PUBLIC INFORMATION


591 Ginestet, D. /Detection of the use of amphetamines or marihuana in the addict./ (Fre) Concours Medical, 94(12):2291-2292, March 18, 1972. (Letter)


**DRUG EDUCATION**


**COMMUNITY ACTION**


608 Pot initiative up up n away! *Berkeley Barb*, 14(26):4, 8, June 30-July 6, 1972.


PHARMACOLOGY, CHEMISTRY, AND TOXICOLOGY


617 Globus, G.; Phoebus, E.; Boyd, K.; Drury, R.; and Leventhal, T. The Effect of a Tranquilizer on the Temporal Organization of Sleep. Paper read at Association for the Psychophysiological Study of Sleep Annual Meeting, June 19-23, 1971, at Bruges, Belgium. Available from Dr. V. Pegram, Executive Secretary, Department of Psychiatry, University of Alabama Medical Center, 1919 7th Avenue South, Birmingham, Alabama 35233.


Mikita, Shinji; Yano, Ichiro; Hayano, Taizo; Yamamoto, Hiroyuki; and Murano, Tadasu. /Biochemical and electron microscopic studies of the effect of morphine on the adrenal cortex of rats./ (Jap) Folia Pharmacologica Japonica, 46(9):182P, 1971.


Oka, Tetsuo; Nozaki, Masako; and Hosoya, Hideyoshi. /The relationship between morphine and so-called humoral transmitter./ (Jap) Folia Pharmacologica Japonica, 46(9):183P-184P, 1971.

Sakai, Yutaka; Iwata, Nobuyoshi; Nishijima, Yoshiaki; and Morii, Masa-hiro. /Neuropharmacological studies on the effects of Thalamonal, Neuroleptanalgesic, upon the motor system and the excitable membrane./ (Jap) Folia Pharmacologica Japonica, 67(5):452-466, 1971.

Sato, Hiromichi; Nakamura, Nobuo; and Takagi, Hiroshi. /Effect of sedatives on unit discharges in spinal cord pathways induced by intravenous injection of bradykinin./ (Jap) Folia Pharmacologica Japonica, 46(9):140P-141P, 1971.


Senda, Shigeo; Hiroti, Kosaku; Yang, Guang-Nan; and Shirahashi, Mitsuomi. /Pyrimidine derivatives and related compounds. The Vilsmeier reaction of barbituric acid derivatives and uracil derivatives./ (Jap) Yokogaku Zasshi, 91(12):1372-1376, December, 1971.


632 Shimomura, Suetaka; Nomura, Akira; Shibata, Yoshihisa; and Ohata, Katsuya. /Pharmacological action of 1-allyl-5-dimethylamino-6-methyl-3-phenyl-2,4(1H,3H)-pyrimidinedione and related compounds./ (Jap) Folia Pharmacologica Japonica, 46(9):169P-170P, 1971.

633 Tanaka, Akira. /"Kindling" phenomenon in the limbic system of rabbits induced by electric stimulation and the effect of drugs on this phenomenon./ (Jap) Folia Pharmacologica Japonica, 46(9):141P, 1971.

634 Uedka, Shigeaki. /Pharmacological responses of the pyloric antrum strip of rat stomach, especially the mechanisms of the contractions of serotonin and nicotine, the relaxation of transmural stimulation and the contraction and relaxation of tyramine./ (Jap) Folia Pharmacologica Japonica, 67(5):529-546, 1971.


**BEHAVIORAL AND PHYSIOLOGICAL EFFECTS**


639 Kaneto, Hiroshi, and Nakanishi, Hitoshi. /Acute drug resistance and physical dependency induced by the continuous injection of sedatives./ (Jap) Folia Pharmacologica Japonica, 46(9):184P, 1971.

640 Kay, David C., and Martin, William R. Human Sleep During a Chronic Methadone Cycle. Paper read at Association for the Psychophysiological Study of Sleep Annual Meeting, June 19-23, 1971, at Bruges, Belgium. Available from Dr. V. Pegram, Executive Secretary, Department of Psychiatry, University of Alabama Medical Center, 1919 7th Avenue South, Birmingham, Alabama 35233.

642 Sakai, Yutaka; Iwata, Nobuyoshi; Mori, Masahiro; and Nishijima, Yoshiaki. /Neuropharmacological studies on the effects of Thalamonal, neuroleptanalgesic, upon the central nervous system./ (Jap) *Folia Pharmacologica Japonica*, 67(5):431-451, 1971.

643 Ueki, Akikazu; Fujivara, Michihiro; Ogawa, Shinya. /Pharmacological studies of the effects of hallucinogens on behavior: manifestations of abnormal behavior./ (Jap) *Folia Pharmacologica Japonica*, 46(9):162P, 1971.


**NARCOTICS**


647 Dobrescu, Elena; Cristea, Elena; and Pistol-Salceanu, Elena. /Investigations on the correlation between the onset of tolerance to morphine and the reticuloendothelial system./ (Rum) *Fisiologia Normala si Patologia*, 17(4):373-378, 1971.


651 Khazan, Naim, and Colasanti, Brenda. Duration and EEG Voltage Output of REM Sleep in the Dependent Rat Following Morphine Withdrawal. Paper read at Association for the Psychophysiological Study of Sleep Annual Meeting, June 19-23, 1971, at Bruges, Belgium. Available from Dr. V. Pegram, Executive Secretary, Department of Psychiatry. University of Alabama Medical Center, 1919 7th Avenue South, Birmingham, Alabama 35233.


**STIMULANTS**


657 Stern, Warren C., and Hartmann, Ernest L. *Effects of Dextro-Amphetamine Following Desynchronised Sleep Deprivation in Rats*. Paper read at Association for the Psychophysiological Study of Sleep Annual Meeting, June 19-23, 1971, at Bruges, Belgium. Available from Dr. V. Pegram, Executive Secretary, Department of Psychiatry, University of Alabama Medical Center, 1919 7th Avenue South, Birmingham, Alabama 35233.

658 Stern, Warren C., and Morgane, Peter J. *Effects of Catecholamine Modulating Drugs on Sleep in the Cat*. Paper read at Association for the Psychophysiological Study of Sleep Annual Meeting, June 19-23, 1971, at Bruges, Belgium. Available from Dr. V. Pegram, Executive Secretary, Department of Psychiatry, University of Alabama Medical Center, 1919 7th Avenue South, Birmingham, Alabama 35233.


660 Watson, Robert K.; Hartmann, Ernest; and Schildkraut, Joseph J. *Amphetamine Withdrawal*. Paper read at Association for the Psychophysiological Study of Sleep Annual Meeting, June 19-23, 1971, at Bruges, Belgium. Available from Dr. V. Pegram, Executive Secretary, Department of Psychiatry, University of Alabama Medical Center, 1919 7th Avenue South, Birmingham, Alabama 35233.
DEPRESSANTS


665 Hartmann, Ernest; Cravens, James; Stanford, Gail; Zwilling, George; and Bernstein, Jacob. Long Term Effect of Drugs on Sleep: Reserpine, Amitriptyline, Chlorpromazine, Chloral Hydrate, Chlordiazepoxide, Placebo. Paper read at Association for the Psychophysiological Study of Sleep Annual Meeting, June 19-23, 1971, at Bruges, Belgium. Available from Dr. V. Pegram, Executive Secretary, Department of Psychiatry, University of Alabama Medical Center, 1919 7th Avenue South, Birmingham, Alabama 35233.


HALLUCINOGENS

670 Suyama, Fumiya. /Effect of drugs on peristalsis of small and large intestines in dogs: observations of transverse muscles and rotator muscles./ Folia Pharmacologica Japonica, 46(9):132P-133P, 1971.

CANNABIS AND DERIVATIVES


674 Kales, A.; Hanley, J.; Rickles, W.; Kanas, N.; Baker, M.; and Goring, P. Effects of Marihuana Administration and Withdrawal in Chronic Users and Native Subjects. Paper read at Association for the Psychophysiological Study of Sleep Annual Meeting, June 19-23, 1971, at Bruges, Belgium. Available from Dr. V. Pegram, Executive Secretary, Department of Psychiatry, University of Alabama Medical Center, 1919 7th Avenue South, Birmingham, Alabama 35233.

675 Karacan, Ismet; Pranikoff, Kevin; and Larson, Arthur. Effect of Marihuana on EEG Sleep Patterns. Paper read at Association for the Psychophysiological Study of Sleep Annual Meeting, June 19-23, 1971, at Bruges, Belgium. Available from Dr. V. Pegram, Executive Secretary, Department of Psychiatry, University of Alabama Medical Center, 1919 7th Avenue South, Birmingham, Alabama 35233.

676 Lamontagne, Yves, and Bordeleau, Jean-Marc. /Marihuana: review of the literature./ (Fre) Union Medicale du Canada, 100:2414-2419, December, 1971.


VOLATILE SUBSTANCES


OTHER DRUGS OF ABUSE


LITERATURE


BOOKS AND REPORTS


CONFERENCES AND SEMINARS

International Conference on Alcoholism and Addiction
Dun Laoghaire, Ireland
October 5–8, 1972

Contact: Mrs. O. Thompson
Irish National Council on Alcoholism
19/20 Fleet Street
Dublin 2, Ireland