

SUMMER, 1979

DIVISION 28's CONVENTION PROGRAM

The scheduling of events comprising the APA Convention in New York, September 1-5, is now complete and the assignment of meeting rooms in the hotels has been announced. Pages 3-11 of this issue of the Newsletter list the Division 28 program material for the convenience of members. Notice that most of the sessions are to be held in the Sheraton Centre.

George Bigelow, the 1979 Program Chair for Division 28, has worked diligently to arrange symposia, paper presentations and invited addresses of substantial diversity and interest. He has succeeded in attracting several outstanding invited speakers and in scheduling the program so as to minimize conflict among sessions of common interest to Division 28 members. Conflicts that do occur result from scheduling decisions made by other divisions even though Division 28 is cosponsoring the conflicting events.

Two events of special significance for members of the Division are the business meeting at 4:00 on Monday, September 3, and the joint Social Hour with Divisions 3 and 6 on Monday at 6:00. The business meeting has been poorly attended in recent years and many important policy decisions affecting the long-range interests of the Division have fallen to the responsibility of those few comprising a quorum. The election of officers, one item on the agenda of the business meeting, is an event of some importance to all members and it behooves everyone to be present and cast a vote. It would be an impressive sight if a majority of our members would attend one business meeting and actively participate in the affairs of the Division. Let's establish the precedent this year.

CARIBBEAN CONFERENCE ON BEHAVIOR ANALYSIS

The first annual Caribbean Conference on Behavior Analysis will be held January 8-12, 1980, at the U.S. Virgin Island College - St. Thomas Campus. The Conference will address behavioral programs for children and youth. Appropriate topics for discussion include: behavioral treatment for severely disturbed children; community-based programs; staff and parent training; substance abuse; and cross-cultural applications of behavior analysis. Invited speakers are Drs. Alan Kazdin, Ivar Lovaas and Peter Nathan.

Due to space limitations at the College, early registration is suggested. Costs for the conference will range from \$175-\$240 per person which will include registration, four nights lodging at the College, ground transportation to and from the airport, and nine cafeteria-style meals. Airfare will be arranged at the lowest possible rates. Applications will be accepted on a first come basis and application deadline is November 20, 1979.

For further information and call for papers, write to: Conference Coordinator, Caribbean Conference on Behavior Analysis, Box 133, Owings Mills, Maryland 21117.

GROUP ON TOBACCO SMOKING FORMED

In view of the demonstrated health hazard of tobacco smoking and the fact that approximately 68% of male veterans hospitalized within the VA system smoke, an interest group is being formed within Division 18 to serve as a forum for psychologists interested in the area of tobacco smoking.

1979 DIVISION 28 APA PROGRAM

New York, September 1-5, 1979

Saturday, September 1:

- 1:00 - 1:50 pm Symposium: CONTEMPORARY ISSUES ON SUBSTANCE ABUSE IN ADULTHOOD
AND OLD AGE
(Sheraton Centre - Commonwealth)
M. Hochhauser, University of Minnesota, Chair.
Developmental Dependencies. M. Hochhauser, University of
Minnesota.
Substance Abuse During Adulthood. M. L. Kumler, Bowling Green
State University.
Substance Abuse in Old Age. D. M. Peterson and F. J. Whittington,
Georgia State University.
- 4:00 - 4:50 pm Executive Committee Meeting - Division 28
(Sheraton Centre - Province)
C. R. Schuster, University of Chicago, Chair.
- 4:00 - 4:50 pm Invited Address: NEUROBIOLOGICAL INSIGHTS INTO SHORT- AND
LONG-TERM MEMORY
E. R. Kandel, Columbia University.
(Sheraton Centre - Dominion)
J. L. McGaugh, University of California at Irvine, Chair.

Sunday, September 2:

- 9:00 - 10:50 am Symposium: DRUGS, HORMONES AND AGGRESSION
(Sheraton Centre - Consulate)
K. A. Miczek, Tufts University, Chair.
Sites of Hormone Action in the CNS of Muroid Rodents. D. Adams,
Wesleyan University.
Delayed Pharmacological Effects on Aggression in Rat Colonies.
G. D. Ellison, University of California, Los Angeles.
Involvement of Androgens in Intra-specific Aggressive Behavior.
R. Gandelman, Rutgers University.
Brain Amines and Predatory Attack in the Cat. R. J. Katz,
University of Michigan Medical Center.
Hormonal Control of the Components of Agonistic Behavior.
A. I. Leshner, Bucknell University.
Drug Effects on Attack, Defense and Flight. K. A. Miczek,
Tufts University.
- 10:00 - 11:50 am Symposium: CIGARETTE SMOKING CESSATION/PREVENTION: AN
EVALUATION OF THEORIES AND TECHNIQUES
(Sheraton Centre - Dominion)
I. Ross, University of Minnesota, Chair.
Practical Small Group Approaches to Smoking Cessation. A. Jaffin,
New York City.

- 1:00 - 2:50 pm Symposium: CONTEMPORARY ISSUES IN THE PSYCHOPHARMACOLOGY OF
AGING: COGNITIVE FUNCTIONS
(Sheraton Centre - Royal A)
G. R. Marsh, Duke University, Chair.
Cholinergic Mechanisms and Age-Related Cognitive Impairments in
Rhesus Monkeys. R. T. Bartus, American Cyanamid Company.
Age-Dependent Changes in Behavior: Neurotransmitter and Neuro-
peptide Manipulation. R. L. Cooper, C. McNamara, G. Thompson
and G. R. Marsh, Duke University.
Neuropeptide Effects on Cognition in the Elderly. S. Ferris,
B. Reisberg and S. Gershon, New York University Medical Center.
Age-Related Changes in Drug Modulation of Learning and Memory.
J. L. McGaugh, R. Jensen, J. Martinez, R. Messing and B. Vasquez,
University of California at Irvine.
Cholinergic Drug Effects on Memory in Young and Elderly Adults.
R. C. Mohs and K. L. Davis, Stanford University.
- 1:00 - 2:50 pm Symposium: NEUROCHEMICAL SUBSTRATES OF OBESITY: ANIMAL MODELS
(Sheraton Centre - Diplomat)
B. G. Hoebel, Princeton University, Chair.
Chemically Induced Hyperphagia: Background, Recent Problems and
Future Benefits. B. G. Hoebel and L. Hernandez, Princeton
University.
6-OH-DA-Induced Hyperphagia and Genetically-Determined Obesity:
Two Models of Obesity with Central Norepinephrine Abnormalities.
G. A. Oltmans, Chicago Medical School, and J. F. Lorden,
University of Alabama.
Beta-endorphin: Pituitary Hormone for the Adaptation to the
Deprivation of Food. D. L. Margules, Temple University.
PCPA-induced Hyperphagia: Is It Serotonergic? D. V. Coscina,
J. V. Daniel and J. J. Walsh, University of Toronto.
Brain Monoamine Projections and Specific Hypothalamic Receptor
Mechanisms Modulating Feeding. S. F. Leibowitz, Rockefeller
University.
- 2:00 - 2:50 pm Conversation Contact Hour: J. H. Woods, University of Michigan
(Sheraton Centre - Province)
- 3:00 - 3:50 pm Presidential Address: THE RELATIONSHIP OF PSYCHOPATHOLOGY TO
DRUG ABUSE
C. R. Schuster, University of Chicago.
(Sheraton Centre - Dominion)
J. Falk, Rutgers University, Chair.
- 3:00 - 3:50 pm Invited Address: ARE SENSATION SEEKERS CRAZY? MACHISMO,
MASOCHISM, MANIA AND MONOAMINES
M. Zuckerman, University of Delaware.
(New York Hilton - Sutton Center)
R. Hare-Mustin, Villanova University, Chair.
- 4:00 - 4:50 pm Business Meeting: Division 28
(Sheraton Centre - Dominion)
C. R. Schuster, University of Chicago, Chair.

- Effects of an ACTH 4-9 Analog on Human Attention and Memory. J. L. Veith, M. M. Ward, H. Shulman and C. A. Sandman, Ohio State University.
- Social and Familial Influences on Substance Use Among Youth. T. A. Eckman, E. W. Swenson and R. H. Coombs, University of California, Los Angeles.
- Family Strengthening to Redirect Substance Abusing Youth: A Behavioral Approach. E. W. Swenson, T. A. Eckman, R. H. Coombs and F. O. Santana, University of California, Los Angeles.
- Differences in Dose Effects of Methylphenidate in Hyperactive Children. R. T. Brown, University of Illinois, Champaign, and E. K. Sleator, University of Illinois, Urbana.
- Clonidine Hydrochloride and Psychotherapeutic Intervention in Methadone Withdrawal. A. M. Washton, R. A. Rawson, R. B. Resnick and R. W. LaPlaca, New York Medical College.

- 12:00 - 12:50 pm Invited Address: CATECHOLAMINERGIC PRESYNAPTIC DENDRITES: SITES OF ACTION OF AMPHETAMINE AND RELATED PSYCHOTROPIC DRUGS
- P. M. Groves, University of Colorado
(Sheraton Centre - Dominion)
- R. F. Thompson, University of California at Irvine, Chair.
- 1:00 - 1:50 pm Invited Address: TREATMENT ASSESSMENT AND NEW RESEARCH DIRECTIONS
- G. Klerman, Alcohol, Drug Abuse and Mental Health Administration.
(Sheraton Centre - Regency)
- R. S. Lipman, National Institute of Mental Health, Chair.
- 2:00 - 3:50 pm Symposium: COMBINING PSYCHOLOGICAL AND PHARMACOLOGICAL THERAPIES
(Sheraton Centre - Regency)
- R. S. Lipman, National Institute of Mental Health, Chair.
- Combined Behavioral and Pharmacological Treatments in Hyperactive Children. R. Gittelman, New York State Psychiatric Institute.
- Studies of Haloperidol in Young Autistic Children. M. Campbell, I. L. Cohen and L. T. Anderson, New York University.
- Efficacy of Combined Drugs and Psychotherapy in Depressed Outpatients. M. M. Weissman, G. L. Klerman and B. A. Prusoff, Yale University.
- Drug and Psychotherapy in Schizophrenia Aftercare: Methodologic Issues. G. Hogarty, University of Pittsburgh.
- Discussant: G. Klerman, Alcohol, Drug Abuse and Mental Health Administration.
- 4:00 - 4:50 pm Invited Address: THE BRAIN'S OWN OPIATES
- S. H. Snyder, Johns Hopkins University.
(Sheraton Centre - Regency)
- J. V. Brady, Johns Hopkins University, Chair.
- 4:00 - 4:50 pm Invited Address: A BEHAVIORAL OVERVIEW OF SUBSTANCE ABUSE
- P. Nathan, Rutgers University.
(New York Hilton - Sutton Center)
- S. L. Harris, Rutgers University, Chair.

2:00 - 2:50 pm

Symposium: NEUROLOGY, ENDOCRINOLOGY, PHARMACOLOGY AND THE MENTAL
HEALTH PROFESSIONAL
(New York Hilton - Nassau B)

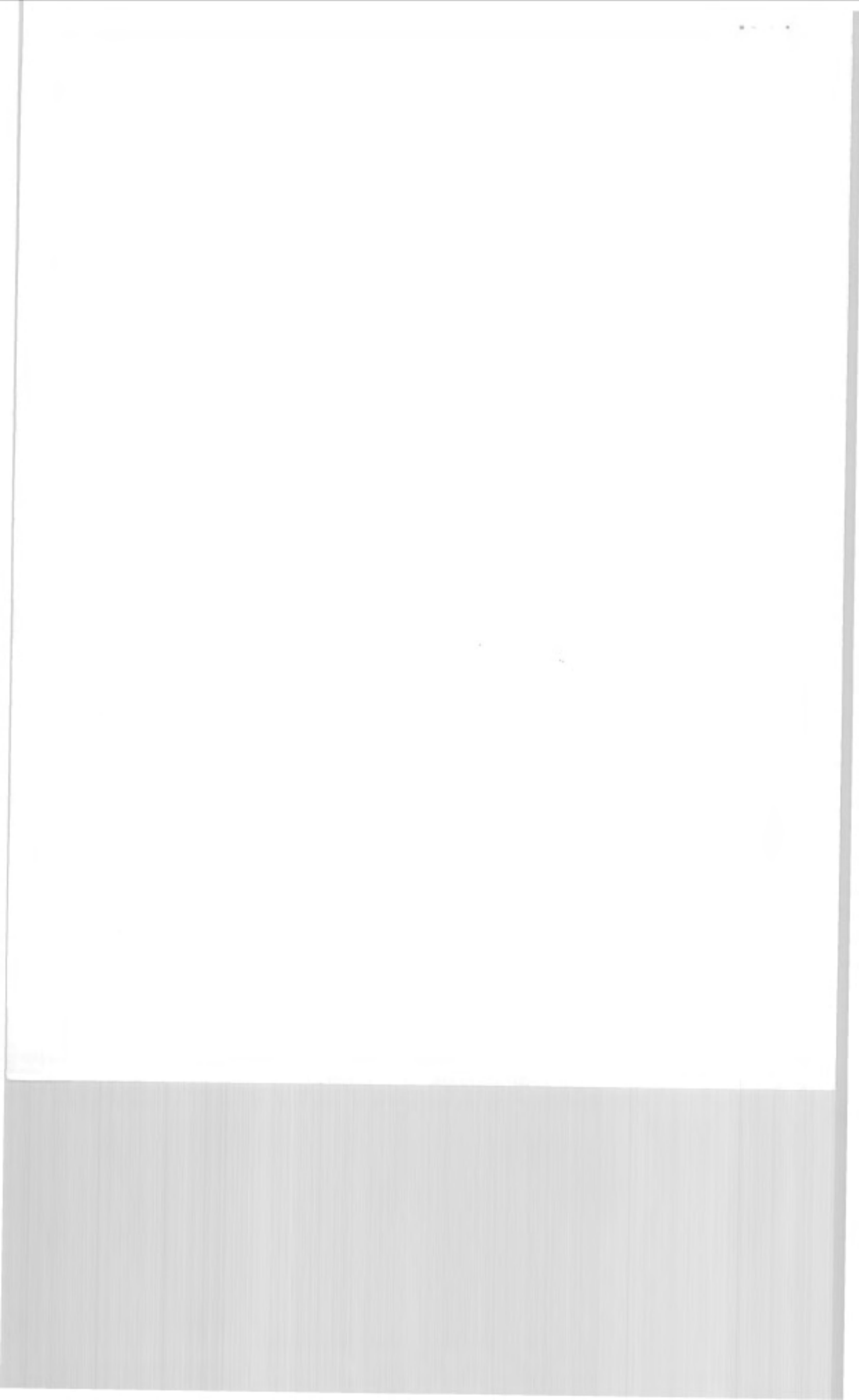
D. C. Uchalik, University of California, Los Angeles, Chair.

Masking Syndrome: Physiological Disorders Presenting as Psychological Complaints. D. C. Uchalik, University of California, Los Angeles.

Interviewing and Screening in the Clinic Setting. R. D. Kerns, West Haven Veterans Administration Medical Center.

Pharmacology in the Clinic. B. Thorn, University of Alabama at Birmingham.

Training in the Biology of Behavior. D. Mungas, University of California, Los Angeles.



- 5:30 - 7:30 pm Informal Paper Session: Division 28
(Sheraton Centre - Division 28 Hospitality Suite)
K. Brady and W. L. Woolverton, Medical College of Virginia,
Co-chair.
Drug Preference in Humans: Double-blind Choice Comparison of
Pentobarbital, Diazepam and Placebo. R. R. Griffiths, G. E.
Bigelow, I. Liebson and J. Kaliszak, Johns Hopkins University.
Drug Preference in Humans. C. E. Johanson and E. H. Uhlenhuth,
University of Chicago.
Ethanol and Barbiturates: Cross Abuse? J. L. Falk, M. Tang,
J. Tomkins and K. Ahrendsen, Rutgers University
Alcohol and Aggression in Mice. K. Johnson and M. Kilbey, Duke
University.
Effects of Drugs on Complex Performance in Baboons. D. Bradford,
Johns Hopkins University.

Wednesday, September 5:

- 9:00 - 10:50 am Symposium: BEHAVIORAL ASSESSMENT OF DRUG DEPENDENT PERSONS
(Sheraton Centre - Dominion)
N. B. Gordon, State University of New York at Oswego, Chair.
Differential Sensitivity to d-Amphetamine and Ethanol Secondary
to Methadone Maintenance. F. W. Hartel and M. W. Fischman,
University of Chicago.
Auditory Vigilance of Drug-Free, Methadone Maintained Exaddicts,
and Nonaddict Siblings. A. Ho, Rockefeller University,
P. Appel, State Office of Alcoholism and Substance Abuse, New
York, and N. B. Gordon, State University of New York at Oswego.
Skills Performance in Methadone Patients and Drug-Free Former
Addicts. H. Moscowitz and S. Sharma, Southern California
Research Institute, Los Angeles.
Opiate Addicts' Responses to Delayed Rewards, Social Pressure, and
Frustration. C. J. Wallace, Camarillo Neuro-psychiatric
Institute.
Discussant: N. Krasnegor, National Institute on Drug Abuse.
- 11:00 - 11:50 am Invited Address: THE METABOLIC THEORY OF ADDICTION
V. P. Dole, Rockefeller University.
(Sheraton Centre - Dominion)
C. R. Schuster, University of Chicago, Chair.
- 12:00 - 1:50 pm Symposium: MODERATION: AN ALTERNATIVE GOAL IN THE TREATMENT OF
SUBSTANCE ABUSE
(Sheraton Centre - Regency)
G. A. Marlatt, University of Washington, Chair.
The Controlled-Drinking Controversy. P. E. Nathan, Rutgers
University.
Occasional Opiate Use as an Alternative Treatment Goal. W. M.
Harding, The Cambridge Hospital.
Minimizing Excessive and Inappropriate Use Among Marijuana
Smokers. R. A. Roffman, University of Washington.
Controlled Smoking or Controlled Relapse: A Moderation Approach to
Smoking. J. R. Gordon, University of Washington.

6:00 pm -

Joint Social Hour: Divisions 3, 6 and 28,
(Sheraton Centre - Princess Ballroom)

Tuesday, September 4:

9:00 - 10:50 am

Symposium: STIMULANT DRUGS, CORTICAL EVOKED POTENTIALS AND
HYPERKINETIC CHILDREN
(Sheraton Centre - Dominion)

C. K. Conners, Western Psychiatric Institute and Clinic,
University of Pittsburgh, Chair.

Central, Autonomic and Behavioral Drug Effects in Hyperactive
Children. E. Callaway and R. Halliday, University of California,
San Francisco, and J. H. Rosenthal, Kaiser-Permanente Center,
Oakland, California.

Electrophysiological Indicators of Aberrant Development in Hyper-
active Children. J. H. Satterfield, Gateways Hospital and
Mental Health Center, Los Angeles.

Normalization by Methylphenidate of Hyperactive Children's Brain
Evoked Responses. R. Klorman, University of Rochester.

Dextroamphetamine Effects on Evoked Potentials in Normal and
Hyperactive Children. M. S. Buchsbaum and J. L. Rapoport,
National Institute of Mental Health.

11:00 - 11:50 am

Poster Session: DRUG SELF-ADMINISTRATION, DRUG DISCRIMINATION,
ETHANOL STUDIES, AND CLINICAL TRIALS
(Sheraton Centre - Versailles)

G. E. Bigelow, Johns Hopkins University, Chair.

Reinforcing Properties of Some Local Anesthetics in Rhesus Monkeys.
W. L. Woolverton and R. L. Balster, Medical College of Virginia.

Environmental and Pharmacological Effects Upon Food-Heroin Choice
in Baboons. R. M. Wurster, R. R. Griffiths and J. V. Brady,
Johns Hopkins University.

Mazindol Self-Administration by Dog. M. E. Risner and D. L.
Silcox, Addiction Research Center, Lexington.

Effects of Naloxone on Food- and Codeine-Maintained Behavior.
J. Dougherty, Veterans Administration Medical Center, Lexington,
and C. Iglauer, University of Kentucky.

Effects of Feeding Conditions on Drug-Reinforced Behavior. M. E.
Carroll, C. P. France and R. A. Meisch, University of Minnesota.

Drug Discriminations with Progressively Lowered Training Dosage.
D. A. Overton and W. Keller, Temple University.

Pentobarbital and Chlordiazepoxide Differentiated from Each Other
and from Nondrug. H. Barry III and E. C. Krimmer, University
of Pittsburgh.

Discriminative Stimuli: Drug States Compared to External Stimulus
Sources. P. M. Duncan, A. E. Negin and N. C. Ayers, Old
Dominion University.

Adaptation to the Intoxicating Effects of Alcohol. D. J. Scaturro,
Claremont Graduate School, T. A. Weissbach, R. E. Vogler and
W. P. Banks, Pomona College.

Alcohol Tolerance as an Independent Variable: Data and Implica-
tions. T. R. Lipscomb, University of Connecticut.

Growth Deficits in Rats after Prenatal Alcohol Exposure. E. P.
Riley, E. A. Lochry and N. R. Shapiro, State University of New
York, Albany.

H. Weingartner and E. Parker, National Institute of Mental Health, Co-chairs.

Memory Consolidation. J. L. McGaugh, University of California, Irvine.

The Physiology and Semantics of Consolidation. R. R. Miller and N. A. Marlin, Brooklyn College of New York.

Amnesic Syndromes in Man. L. R. Squire, University of California, San Diego.

Forgetting Theory. G. Keppel, University of California, Berkeley.
Drugs and Human Memory Consolidation. E. Parker and H. Weingartner, National Institute of Mental Health.

9:00 - 10:50 am

Symposium: THE CLINICAL ROLE OF FOLLOW-UP IN SUBSTANCE ABUSE TREATMENT
(New York Hilton - Regent)

G. R. Caddy, Old Dominion University, Chair.

Methodological Issues in Doing Follow-up Research Among Street Addicts. P. J. Goldstein, Office of Alcoholism and Substance Abuse, New York.

The Therapeutic Value of Follow-up Interviews for Alcohol Abusers. S. Ernsner-Hershfield and L. C. Sobell, Dede Wallace Center, M. B. Sobell and S. A. Maisto, Vanderbilt University.

Maintenance Strategies for Enhancing Long Term Smoking Reduction. G. Colletti, State University of New York, Binghamton.

Preventing Alcoholic Relapse: A Comparison of Aftercare Procedures. G. R. Caddy, Old Dominion University.

Current Issues in the Long Term Maintenance of Weight Loss. P. M. Miller, Hilton Head Hospital, South Carolina.

11:00 am - 12:50 pm

Symposium: REINFORCING MECHANISMS IN ALCOHOL CONSUMPTION: THEORETICAL UPDATE
(Sheraton Centre - Regency)

G. Rosenbaum, Wayne State University, Chair.

Animal and Human Parallels in Reinforcing Effects of Alcohol. H. Barry III, University of Pittsburgh.

Do Tolerance and Physical Dependence Affect Reinforcement by Alcohol? H. Cappell, Addiction Research Foundation, Toronto.

Cognitive versus Pharmacological Determinants of Alcohol Use. G. A. Marlatt, University of Washington.

Alcohol as Reinforcer: Psychological Explanations of Alcohol's Intrinsic Reinforcement Properties. M. S. Goldman, Wayne State University.

Discussants: P. E. Nathan, Rutgers University, Piscataway
G. Rosenbaum, Wayne State University

12:00 - 12:50 pm

Invited Address: HOW PSYCHOLOGY RESCUED THE PSYCHE FROM ENDOCRINOLOGY

F. A. Beach, University of California, Berkeley.

(Sheraton Centre - Royal B)

R. E. Whalen, University of California at Irvine, Chair.

- The Case Against Smoking Withdrawal in the Extirpation of Smoking.
E. Levitt, Indiana University.
- Determinants of Relapse in Smoking Treatment Programs. A. Marlatt,
University of Washington.
- A Big Brother/Big Sister Approach to Changing Teenager Smoking
Behavior. G. J. Gorn and M. E. Goldberg, McGill University.
- Social Psychological Approaches to Adolescent Smoking Decisions.
S. J. Sherman, L. Chassin and C. C. Presson, Indiana University.
- Discussants: B. Mausner, Beaver College
R. Evans, University of Houston

11:00 am - 12:50 pm Symposium: REPEATED ACQUISITIONS: A TECHNIQUE FOR STUDYING
DRUGS AND OTHER VARIABLES
(Sheraton Centre - Senate)

J. J. Boren, The American University, Chair.

- Effects of d-Amphetamine, Phencyclidine, and Pentobarbital on
Repeated Acquisitions. J. M. Moerschbaecher and D. Thompson,
Georgetown University.
- Behavioral Effects of Drugs and Hyperbaric Environments on
Repeated Acquisition. J. R. Thomas and L. S. Burch, Naval
Medical Research Institute.
- Drug Effects on Acquisition and Performance of Response Chains.
D. M. Thompson and J. M. Moerschbaecher, Georgetown University.
- Effects of Microwave Radiation on Repeated Acquisition in Rats.
J. Schrot and J. R. Thomas, Naval Medical Research Institute.
- Acute Effects of Common Drugs in Humans in Hyperbaric Conditions.
J. M. Walsh and L. S. Burch, Naval Medical Research Institute.

2:00 - 2:50 pm

Poster Session: HUMAN AND ANIMAL BEHAVIORAL PHARMACOLOGY,
PHENCYCLIDINE STUDIES, AND NEUROPHARMACOLOGY
(Sheraton Centre - Versailles)

- Cocaine and Sleep Deprivation: Behavioral and Physiological
Effects in Humans. M. W. Fischman, University of Chicago.
- The Effect of Alcohol on Alternation of Attention. H. A.
Moskowitz, University of California at Los Angeles, and D. S.
Keller, California State University at Los Angeles.
- Behavioral Pharmacology of Ethanol: Facilitation of Social Verbal
Behavior. M. L. Stitzer and R. R. Griffiths, Johns Hopkins
University.
- Methadone Dose Effects During Chronic Treatment in Humans. G. E.
Bigelow, M. L. Stitzer and I. A. Liebson, Baltimore City
Hospitals.
- An Extinction Model for Treatment of Opiate Dependence. J. Ternes,
J. Grabowski, R. Greenstein and C. P. O'Brien, University of
Pennsylvania.
- Behavioral Effects of Methadone and Naloxone: Control by Clock
Stimuli. A. M. Young, University of Michigan, and T. Thompson,
University of Minnesota.
- Benzomorphan Drugs: Effects on Operant Behavior and Antagonism by
Naloxone. M. A. Nemeth, University of Michigan.
- Diazepam Reversal of Narcotic Antagonist-Induced Behavioral
Effects in Monkeys. S. Herling, University of Michigan.
- Schedule Dependent Effects of Microwaves at Two Temperatures in
Rats. M. I. Gage, W. L. Rucker and W. M. Guyer, U. S.
Environmental Protection Agency.

RECENT PUBLICATIONS

Listed below are a number of recent publications that should be of interest to members of Division 28. Titles are grouped according to publisher to help those members who wish to remove the page and use it as an aid in locating the books for examination at the convention.

Ceccarelli, B. and Clementi, F. (eds.): Neurotoxins: Tools in Neurobiology. Raven Press: New York, 1979, 480 pp.

Efron, D. H., Holmstedt, B. and Kline, N. S. (eds.): Ethnopharmacologic Search for Psychoactive Drugs. Raven Press: New York, 1979, 469 pp.

Lipton, M. A., DiMascio, A. and Killam, K. F. (eds.): Psychopharmacology: A Generation of Progress. Raven Press: New York, 1978, 1759 pp.

Engs, R. C.: Responsible Drug and Alcohol Use. Macmillan Publ. Co.: New York, 1979, 352 pp.

van Praag, H. M.: Psychotropic Drugs. A Guide for the Practitioner. Brunner/Mazel, Inc.: New York, 1978, 485 pp.

Werry, J. S. (ed.): Pediatric Psychopharmacology. The Use of Behavior Modifying Drugs in Children. Brunner/Mazel, Inc.: New York, 1978, 495 pp.

Hathcock, J. N. and Coon, J. M. (eds.): Nutrition and Drug Interactions. Academic Press: New York, 1978, 896 pp.

Muller, E. E., Nistico, G. and Scapagnini, U.: Neurotransmitters and Anterior Pituitary Function. Academic Press: New York, 1978, 448 pp.

Wesson, D. R., Adams, K., Carlin, A. S. and Beschner, G. (eds.): Polydrug Abuse. Academic Press: New York, 1978, 416 pp.

Kissin, B., Lowinson, J. H. and Millman, R. B. (eds.): Recent Developments in Chemotherapy of Narcotic Addiction. N.Y. Acad. Sci.: New York, 1978, 315 pp.

Poley, W., Lea, G. and Vibe, G.: Handbook on Alcoholism and Its Treatment. Halsted Press: Somerset, N.J., 1979, 300 pp.

Mogenson, G. J.: The Neurobiology of Behavior. An Introduction. Halsted Press: Somerset, N.J., 1978, 360 pp.

Petersen, D. M., Whittington, F. J. and Payne, B. P. (eds.): Drugs and the Elderly: Social and Pharmacological Issues. Charles C. Thomas: Springfield, Ill., 1978, 272 pp.

Cooper, J. R., Bloom, F. E. and Roth, R. H.: The Biochemical Basis of Neuropharmacology, 3rd ed. Oxford Univ. Press: New York, 1978, 320 pp.

Haberman, P. W. and Baden, M. M.: Alcohol, Other Drugs and Violent Death. Oxford Univ. Press: New York, 1978, 130 pp.

Leshner, A. I.: An Introduction to Behavioral Endocrinology. Oxford Univ. Press: New York, 1978, 384 pp.

Paykel, E. S. and Coppen, A. (eds.): Psychopharmacology of Affective Disorders. Oxford Univ. Press: New York, 1979, 272 pp.

Usdin, E., Bunney, W. E., Jr. and Kline, N. S.: Endorphins in Mental Health Research. Oxford Univ. Press: New York, 1979, 450 pp.

Broadhurst, P. L.: Drugs and the Inheritance of Behavior. A Survey of Comparative Psychopharmacogenetics. Plenum Publ. Corp.: New York, 1978, 220 pp.

Haber, B. and Aprison, M. H. (eds.): Neuropharmacology and Behavior. Plenum Publ. Corp.: New York, 1978, 215 pp.

Jenden, D. J. (ed.): Cholinergic Mechanisms and Psychopharmacology. Plenum Publ. Corp.: New York, 1978, 885 pp.

Meyer, R. and Mirin, S. M.: The Heroin Stimulus. Implications for a Theory of Addiction. Plenum Publ. Corp.: New York, 1979, 245 pp.