

PSYCHOPHARMACOLOGY NEWSLETTER

(DIVISION 28 - THE AMERICAN PSYCHOLOGICAL ASSOCIATION)

SUMMER, 1980

L. D. BYRD, EDITOR

HANDICAPPED PERSONS

The Board of Convention Affairs would like each person with a disability who is planning to attend the Convention to identify himself or herself and to provide information on how the Convention can be made more readily accessible for his or her attendance. APA will provide a van with a lift as transportation for persons confined to wheelchairs, interpreters for deaf individuals, and escorts/readers for persons with vision impairment. We strongly urge individuals who would like assistance in facilitating their attendance at the Convention to register in advance for the Convention on the APA Advance Registration and Housing Form which appears in the March through July issues of the American Psychologist. A note which outlines a person's specific needs should accompany the Advance Registration and Housing Form.

APA COUNCIL REPRESENTATIVE

Division 28 is on the verge of losing its one Council Representative. Every November, each APA member is given the opportunity to apportion a total of 10 votes among the divisions and coalitions within APA. Division 28 must receive at least 0.50% of the total votes cast in order to retain its one seat on the Council. During the last balloting, the Division received only 0.53%, a continuation of a downward trend. The decreased support for Division 28 is due partly to the failure of some members to vote at all and, in other cases, the failure of members to give the Division more than one or two votes. The outlook for this year's vote is not promising. More members must allocate all ten votes to Division 28 if we are to retain our Council seat.

HOSPITALITY SUITE

Division 28 will sponsor a Hospitality Suite each evening (Monday - Thursday) during the APA Convention in Montreal. The Suite will be located in the Hotel Bonaventure and will be open during the hours 5:00 - 11:30 PM. Room assignment for the Suite will be displayed in the lobby of the Bonaventure during the Convention. The Hospitality Suite will also be the site of an Informal Paper Session on Tuesday at 5:00 PM.

JOINT SOCIAL HOUR

Bob Balster, Program Chair, has arranged for Division 28 to participate in a Joint Social Hour on Thursday evening, September 4. The Social Hour will begin at 6:00 PM in the Hampstead Room, Hotel Bonaventure. Others participating include Divisions 3, 6 and 25. This will be an excellent opportunity to meet and greet colleagues who are part of the Academic Coalition.

CONGRESS ON DRUGS AND ALCOHOL

The International Congress on Drugs and Alcohol to be held in Jerusalem September 13-18, 1981, invites participants in the following areas: the drug user, drugs, medicines and socially accepted substances, chemical ecstasy, drug use, drug/alcohol use/misuse intervention, chemical coping, research, ideological considerations, social pharmacology, internal and external environment of drug/alcohol use/misuse, leisure and chemical coping, chemical control and human and societal functioning, and cultural aspects of chemical coping. For further information, contact the Organizing Secretariat, Congress on Drugs and Alcohol, Box 394, Tel Aviv, Israel.

APA Monitor 11(5): 43, 1980

RECENT PUBLICATIONS

Abel, E. L.: Marihuana. The First Twelve Thousand Years. Plenum Publ. Corp.: New York, 1980, 300 pp.

Appleton, W. S. and Davis, J. M.: Practical Clinical Psychopharmacology, 2nd ed. Williams & Wilkins: Baltimore, 1980, 184 pp.

Basu, T. K. (ed.): Clinical Implications of Drug Use, Vol. I & II. CRC Press: Boca Raton, Fla., 1980, 208/176 pp.

Caldwell, J.: Amphetamines and Related Stimulants. Chemical, Biological, Clinical, and Sociological Aspects, Vol. I & II. CRC Press: Boca Raton, Fla., 1980, 160/176 pp.

Detlefsen, E. G. and Pedolsky, A. (eds.): National Directory of Mental Health. A Guide to Adult Outpatient Mental Health Facilities and Services Throughout the United States. John Wiley & Sons: Somerset, New Jersey, 1980, 560 pp.

Eisdorfer, C. and Fann, W. E. (eds.): Psychopharmacology of Aging. SP Medical & Scientific Books: Jamaica, New York, 1980, 327 pp.

Klein, D. F., Gittelman, R., Quitkin, F. and Rifkin, A.: Diagnosis and Drug Treatment of Psychiatric Disorders: Adults and Children, 2nd ed. Williams & Wilkins: Baltimore, 1980, 846 pp.

Martin, I. and Venables, P. H. (eds.): Techniques in Psychophysiology. John Wiley & Sons: Somerset, New Jersey, 1980, 720 pp.

Mendelson, W. B.: The Use and Misuse of Sleeping Pills. A Clinical Guide. Plenum Publ. Corp.: New York, 1980, 225 pp.

Satinder, K. P.: Drug Use: Criminal, Sick or Cultural? Libra Publishers: Roslyn Heights, New York, 1980, 206 pp.

Spencer, P. S. and Schaumburg, H. H. (eds.): Experimental and Clinical Neurotoxicology. Williams & Wilkins: Baltimore, 1980, 956 pp.

Williams, M.: Brain Damage, Behaviour and the Mind. John Wiley & Sons: Somerset, New Jersey, 1979, 187 pp.

Essman, W. B. (ed.): Neurotransmitters, Receptors & Drug Action. SP Medical & Scientific Books: Jamaica, New York, 1980, 220 pp.

Fann, W. E., Karacan, I., Pokorny, A. D. and Williams, R. L. (eds.): Phenomenology and Treatment of Alcoholism. SP Medical & Scientific Books: Jamaica, New York, 1980, 328 pp.

Goodwin, D. W. and Erickson, C. K. (eds.): Alcoholism and Affective Disorders. Clinical, Genetic, and Biochemical Studies. SP Medical & Scientific Books, Jamaica, New York, 1979, 298 pp.

Schultes, R. E. and Hofmann, A.: The Botany and Chemistry of Hallucinogens, 2nd ed. Charles C. Thomas, Publisher: Springfield, Ill., 1980.

SEPA WORKSHOPS

The Southeastern Psychological Association is sponsoring Workshops in the Dominican Republic as part of its continuing Education Program. Ray Fowler, Director of the Program, has announced two groups of workshops to include Practical Psychopharmacology and Clinical Neuropsychology during the period December 13, 1980 - January 3, 1981. Additional information can be obtained by writing SEPA Workshops, P. O. Box 2968, University, Alabama 35486.

EDITORIAL CORRESPONDENCE

Material of interest to the membership of Division 28 should be forwarded for inclusion in the Newsletter to:

Dr. Larry D. Byrd, Editor
Yerkes Regional Primate Research
Center
Emory University
Atlanta, Georgia 30322

1980 DIVISION 28 APA PROGRAM
Montreal, September 1-5, 1980

Monday, September 1:

- 9:00 - 10:50 am Symposium: PHARMACOTHERAPY AND CONDITIONING STUDIES OF OPIATE ADDICTION
(Hotel Bonaventure, Cote St. Luc)
S. F. Curran, Biometric Research Institute, Chair.
Effects of Repeated Self-Injection in Former I.V. Heroin Users. J. Grabowski, University of Pennsylvania.
Short-term "Transitional" Treatment with Naltrexone. J. Mintz, University of California, Los Angeles.
Clonidine and Naltrexone in Opioid Dependence. A. M. Washton, New York Medical College.
The Role of Psychotherapy in Naltrexone Treatment of Opiate Addiction. R. A. Rawson, Community Health Projects, West Covina, California.
- 9:00 - 10:50 am Symposium: PSYCHOLOGICAL AND BEHAVIORAL EFFECTS OF FOOD AND CHEMICAL SUSCEPTIBILITIES
(Location undetermined)
B. R. Strickland, University of Massachusetts, Amherst, Chair.
Psychological and Behavioral Reactions to Foods and Environmental Chemicals. T. G. Randolph, American International Hospital, Zion, Illinois.
Food and Chemical Sensitivities Can Produce Psychological Symptoms. D. S. King, University of Wisconsin, Milwaukee.
Effects of Erythrosin B on Neurotransmitter Accumulation and on Behavior. J. M. Swanson, The Hospital for Sick Children, Toronto.
Implications of Food and Chemical Susceptibilities for Clinical Psychology. B. R. Strickland, University of Massachusetts.
Discussant: B. Weiss, University of Rochester.
- 11:00 am - 12:50 pm Symposium: TEACHING ABOUT PSYCHOPHARMACOLOGY AND SUBSTANCE ABUSE: GOALS, TECHNIQUES, CONTENT (Co-sponsored by the Society of Psychologists in Substance Abuse)
(Hotel Bonaventure, Westmount)
O. Ray, Veterans Administration Medical Center and Vanderbilt University, Chair.
Teaching Professionals. O. Ray, Veterans Administration Medical Center and Vanderbilt University.
Teaching Undergraduates. K. Mills, University of North Carolina.
Teaching Medical Students. R. S. Krug, University of Oklahoma.
Teaching Graduate Students. R. A. Levitt, University of Alabama at Birmingham.
Discussant: N. Cummings, Mental Research Institute, Palo Alto, Cal.
- 11:00 am - 12:50 pm Symposium: RECENT PERSPECTIVES ON PLACEBO EFFECTIVENESS
(Queen Elizabeth, Galerie 4)
J. W. Pennebaker, University of Virginia, and M. Jospe, Southern California Permanente Medical Group, Co-chairs.

An Overview and Theoretical Explanation of the Placebo Effect.
M. Jospe, Southern California Permanente Medical Group.
The Placebo Response in Pain Control. F. J. Evans, Carrier
Foundation.
Physiological Substrates of Placebo Analgesia. J. Levine,
University of California, San Francisco.
Motivational Factors in Reactions to Placebos. F. X. Gibbons,
University of Kansas.
Selective Search of Internal Sensations and the Placebo Effect.
J. W. Pennebaker, University of Virginia.
Discussant: J. E. Singer, Uniformed Services University of the
Health Sciences.

12:00 - 1:50 pm

Symposium: DETERRENCE OF SMOKING IN ADOLESCENTS: EVALUATION OF
FIVE SOCIAL-PSYCHOLOGICAL STRATEGIES
(Queen Elizabeth, Duluth)

R. I. Evans, University of Houston, Chair.

The Houston Project: Focus on Target-Based Filmed Interventions.
R. I. Evans, R. M. Rozelle, C. A. Dill, T. Guthrie, A. H.
Henderson, P. C. Hill, S. E. Maxwell and B. E. Raines, University
of Houston.

The Harvard-Stanford Project: Focus on the Peer Leadership Approach
to Smoking Prevention. N. Gordon, S. Kearny and A. McAlister,
Harvard School of Public Health, and C. Perry, M. Telch and J.
Killen, Stanford University.

The Minnesota Project: Focus on Smoking Prevention Effectiveness of
Media-Based Programs and Programs Augmented by Peer Opinion.
C. A. Johnson, D. Murray, R. Luepker, T. Pechacek and D. Jacobs,
University of Minnesota.

The Oregon Project: Focus of PATH Project Programs for Primary
Intervention and Cessation. H. Severson and J. Jewette, Oregon
Research Institute.

The New York Project: The Life Skills Training Smoking Prevention
Strategy. G. Botvin, American Health Foundation.

Discussant: H. Leventhal, University of Wisconsin, Madison.

12:00 - 1:50 pm

Symposium: THE ALCOHOLIC PERSONALITY AND ITS MEASUREMENT
(Location undetermined)

W. M. Cox, University of Minnesota, Morris, Chair.

Theories of the Alcoholic Personality. W. M. Cox, University of
Minnesota, Morris.

Alcoholics' Perception of Control. D. J. Rohsenow, University of
Wisconsin, Madison.

Sex Differences in Alcoholic Personalities: Subtypes, Sex-Roles and
Self-Esteem. C. S. Benson, Northwestern University.

Antecedent Personality Characteristics of Alcoholics. R. G. Loper,
University of Minnesota, Twin Cities.

Uses of the MMPI in Alcoholic Addiction and Treatment. A. B.
Caldwell, University of California, Los Angeles.

Differential Personality Inventory Types among Alcoholics. D. N.
Jackson, University of Western Ontario.

Discussant: P. E. Nathan, Rutgers University.

- 2:00 - 3:50 pm Symposium: THE BEHAVIORAL PHARMACOLOGY OF PHENCYCLIDINE
(Hotel Bonaventure, Lachine)
J. H. Woods, University of Michigan, Chair.
Cardiovascular and Schedule-Controlled Behavioral Effects of Phencyclidine. L. D. Byrd, Yerkes Regional Primate Research Center, Emory University.
Comparison of Discriminative Stimulus Properties of Phencyclidine with Psychotomimetic Narcotics. H. E. Shannon, Addiction Research Center, Lexington, Ky.
Characteristics of Phencyclidine-Like Drugs as Reinforcers and Cues. S. Herling, A. M. Young, G. D. Winger, R. Y. Hampton and J. H. Woods, University of Michigan.
Oral Self-Administration of Phencyclidine in the Rhesus Monkey. M. E. Carroll and R. A. Meisch, University of Minnesota.
Discussant: R. L. Balster, Medical College of Virginia.
- 3:00 - 4:50 pm Symposium: PSYCHOLOGICAL, PSYCHIATRIC AND NEUROPSYCHOLOGICAL PERSPECTIVES OF GILLES DE LA TOURETTE SYNDROME
(Location undetermined)
T. M. Incagnoli, University of Oklahoma Health Sciences Ctr., Chair.
Psychiatric and Psychopharmacologic Correlates of Gilles de la Tourette Syndrome. F. S. Abuzzahab, Sr., University of Minnesota.
Neuropsychological Functioning and Developmental Correlates in the Tourette Syndrome. T. M. Incagnoli and R. Kane, University of Oklahoma Health Sciences Center.
Psychological Factors in Gilles de la Tourette Syndrome. E. Shapiro, The Mount Sinai Hospital.
"Tourette Syndrome: The Sudden Intruder". Film produced by B. Addis, University of California, Los Angeles.
Discussant: R. Bruun, Cornell University Medical College.

Tuesday, September 2:

- 10:00 - 10:50 am Paper Session: SUBSTANCE ABUSE ETIOLOGY AND TREATMENT: PSYCHOSOCIAL FACTORS
(Hyatt Regence, Victoria/Youville)
V. Nowlis, University of Rochester, Chair.
Etiology of Drug Consumption for Swiss Adolescents. M. F. Sieber, Psychiatrische Universitätsklinik, Zürich.
Causal Models of Rebelliousness, Peer Support, and Youthful Alcohol Use. G. J. Huba, J. Tanaka and P. M. Bentler, University of California, Los Angeles.
Differences in Reasons for Seeking Treatment Among Substance Abusers. W. E. Penk, R. Robinowitz, M. Dolan, H. G. Atkins and W. Roberts, Veterans Administration Medical Center, Dallas.
- 10:00 - 10:50 am Address by recipient of 1979 Distinguished Scientific Contribution Award -- John Garcia.
(Location undetermined)
- 1:00 - 1:50 pm Symposium: DRUG ABUSE AND DEVELOPMENTAL LIFE CHANGES
(Hyatt Regence, Ballroom C)
T. J. Glynn, National Institute on Drug Abuse, Chair.

- From Family to Peer: Transition of Influence Among Drug Using Youth.
T. J. Glynn, National Institute on Drug Abuse.
- As Women Enter the Middle Years: Drug Abusers as Victims of Over-
medication. L. G. Richards, National Institute on Drug Abuse.
- When Adults Become the "Elderly": Speculations on Drug Abuse.
M. Glantz, National Institute on Drug Abuse.
- Discussants: D. Baumrind, University of California.
W. V. Dammon, Clark University.
- 2:00 - 2:50 pm Invited Address: BEHAVIORAL PHARMACOLOGY: FROM TRANQUILITY TO
DYSPHORIA
- R. T. Kelleher, New England Regional Primate Research Center,
Harvard Medical School.
(Hyatt Regence, Ballroom A)
- C. R. Schuster, University of Chicago, Chair.
- 3:00 - 3:50 pm APA Conversation Contact Hour -- C. R. Schuster, University of
Chicago
(Hyatt, Versailles/Bresoles)
- 4:00 - 4:50 pm Poster Session: SUBSTANCE ABUSE: ANIMAL AND HUMAN STUDIES
(Place Bonaventure, South Mezzanine)
- Chronic Alcohol Injections, Consummation Behavior and Learning in
the Rat. T. N. Tombaugh, Carleton University.
- Comparison of Norepinephrine and Serotonin Uptake Blockade on
Ethanol Intake. G. E. Rockman, Z. Amit and C. Bourque, Concordia
University.
- Effects of Chronic Alcohol on the Development of Kindled Seizure.
M. M. Kilbey, Middle Tennessee State University, R. L. Pruitt,
Duke University, and J. W. Moore, Jr., Middle Tennessee State
University.
- Alcohol Effects on Storage-Consolidation Processes in Human Memory.
R. E. Mann and M. Vogel-Sprott, University of Waterloo.
- Alcohol-Related Expectancies: Defined by Phase of Intoxication and
Drinking Experience. L. L. Southwick, C. M. Steele and A. Marlatt,
University of Washington.
- Attribution and Alcohol Mediated Aggression. A. Zeichner, R. O. Pihl,
R. Niaura, K. Nagy and C. Zacchia, McGill University.
- Self-Administration of Phencyclidine and Related Compounds by the
Dog. M. E. Risner and D. L. Silcox, Addiction Research Center.
- Behavioral Tolerance and Loss of Tolerance to Phencyclidine in Rats.
P. M. Martin, A. Griffin and M. Rivers, Virginia State University.
- Behavioral Pharmacology, Rate-Dependent Effects, and Choice Behav-
ior. L. J. Standish, Yerkes Regional Primate Research Center,
Emory University, W. J. Millard and S. I. Yoerg, University of
Massachusetts.
- ~~Antipsychotic Compounds in Monkeys Given Choices Between Cocaine
and Food. W. L. Woolverton, E. E. Dowdy, Jr. and R. L. Balster,
Medical College of Virginia.~~
- Pentobarbital as a Reinforcer for Monkeys with Concurrent Access to
Water. V. J. DeNoble and R. A. Meisch, University of Minnesota.
- Concurrent Heroin Self-Administration and Intracranial Self-Stimula-
tion in Rats. G. J. Gerber, M. A. Bozarth, J. E. Spindler and
R. A. Wise, Concordia University.

Intracranial Self-Administration of Morphine into the Ventral Tegmental Area. M. A. Bozarth and R. A. Wise, Concordia University.

5:00 pm -

Informal Paper Session

(Hotel Bonaventure, Div. 28 Hospitality Suite)

A. M. Young, University of Michigan, Chair.

Wednesday, September 3:

10:00 - 10:50 am

Invited Address: DRUGS OF ABUSE AND REWARD MECHANISMS OF THE BRAIN

R. A. Wise, Concordia University.

(Hyatt, Regence Ballroom C)

C. Kornetsky, Boston University, Chair.

11:00 am - 12:50 pm

Paper Session: EXPERIMENTAL STUDIES OF CIGARETTE SMOKING

(Hyatt, Regence Ballroom C)

C. E. Johanson, University of Chicago, Chair.

Human Smoking Patterns under Naturalistic and Programmed Laboratory Conditions. M. J. Nellis, Johns Hopkins University, I. Goldiamond, University of Chicago, H. H. Emurian, A. H. Harris and J. V. Brady, Johns Hopkins University.

Effects of Ammonium Chloride on Urinary pH and Cigarette Smoking. W. C. Lowe, Veterans Administration Medical Center, D. R. Cherek, Louisiana State University, and T. T. Friedman, Veterans Administration Medical Center, Shreveport.

Effects of d-Amphetamine on Cigarette Smoking in Normal Human Subjects. J. E. Henningfield and R. R. Griffiths, Baltimore City Hospitals and Johns Hopkins University.

Suppression of Tobacco Self-Administration in Human Cigarette Smokers. M. L. Stitzer and G. E. Bigelow, Johns Hopkins University and Baltimore City Hospitals.

Toward a Model for Predicting Successful Smoking Cessation. J. G. Green, P. A. Stevens and V. J. Guarnaccia, Hofstra University.

2:00 - 3:50 pm

Symposium: SUBSTANCE ABUSE AND CHILD HYPERACTIVITY: ANSWERS FROM LONGITUDINAL STUDIES

(Hyatt, Regence Ballroom B)

R. Lipman, National Institute of Mental Health, Chair.

An Anterrospective Follow-up Study of Hyperactive Children to Adolescence. K. D. Gadow and R. Sprague, State University of New York at Stony Brook.

Medicated vs. Non-Medicated Hyperkinetic Boys at Adolescence. J. Kramer and J. Loney, University of Iowa.

Hyperactives as Young Adults: Stealing, Drug Abuse and Moral Development. L. Hechtman, G. Weiss and T. Perlman, Montreal Children's Hospital.

Five to Ten Year Follow-up Studies in Hyperkinetic Children. E. Denhoff, Governor Medical Center, Providence.

Discussants: B. Henker, University of California, Los Angeles.
R. Sprague, University of Illinois.

4:00 - 4:50 pm

Poster Session: PSYCHOPHARMACOLOGY: ANIMAL AND HUMAN STUDIES
(Place Bonaventure, South Mezzanine)

- Differential Effects of *d*-Amphetamine on Rearing in Immature and Mature Rats. R. H. Bauer, Kansas State University.
- Stimulant Reinstatement of Brain Stimulation Reward in Aged Rats. M. J. Lewis, Howard University.
- Effects of Nicotine on Motor Activity in Rats. M. L. Bergondy, P. Biner, E. McNair and R. Bryson, San Diego State University.
- Pavlovian Conditioning of Amphetamine Temperature Effects. R. Eikelboom and J. Stewart, Concordia University.
- Tolerance to Scopolamine-Induced Adipsia. R. E. Hinson, C. X. Poulos and H. Cappell, Addiction Research Foundation, Toronto.
- Effects of Chronic Diazepam in Shocked and Non-Shocked Rats. V. E. Grimm and M. Hershkowitz, Weizmann Institute of Science, Rehovot, Israel.
- Naloxone Suppresses Feeding and Drinking but Not Activity in Rats. M. P. Carey and M. P. Enns, St. Lawrence University.
- Locomotion in the Rat: Interaction of ACTH and Naltrexone. Z. H. Galina, R. S. Blair, Concordia University, and S. Amir, Weizmann Institute, Rehovot, Israel.
- The Antagonism of a Morphine Conditioned Taste Aversion by Naloxone. R. S. Blair, Concordia University.
- Conditioned Taste Aversion Induced by Intraperitoneal Naloxone Plus Intraventricular Morphine. L. Switzman, D. Sinyor and Z. Amit, Concordia University.
- Pyrazole Induced Taste Aversion in a Backward Conditioning Paradigm. B. R. Smith, Concordia University.
- Effects of Methylphenidate on Cardiovascular and Behavioral Responses of Hyperactive Children. M. V. Solanto, State University of New York at Buffalo, C. Keith Conners, Children's Hospital National Medical Center, and H. Gluck, Case Western Reserve University.
- Effects of Pemoline on Hyperactivity: Laboratory and Classroom Measures. W. E. Pelham, M. E. Bender, Florida State University, J. M. Swanson and J. A. Wilson, Hospital for Sick Children, Toronto.
- An Analysis of Prescriptive Decisions in Psychiatry. J. S. Gillis and T. J. Moran, Oregon State University.

Thursday, September 4:

9:00 - 10:50 am Paper Session: HUMAN BEHAVIORAL PHARMACOLOGY
(Hyatt, Cartier Ballroom A)

G. E. Bigelow, Baltimore City Hospital, Chair.

The Effects of *d*-Amphetamine and Diazepam on Schedule Controlled Behavior in Humans. P. A. Tewes and M. W. Fischman, University of Chicago.

Effects of Methylphenidate Hydrochloride in Hyperkinetic Children. M. K. Walker, C. F. Hevey and R. L. Sprague, University of Illinois.

Sedative Drug Preference in Humans. R. W. Pickens and M. L. Healey, University of Minnesota.

Alcohol Tolerance in Humans: An Experimental Investigation. H. Cappell, A. E. LeBlanc and D. H. Zilm, Addiction Research Foundation, Toronto.

Alcohol-Induced Euphoria Enhanced by Antabuse and Temposil. Z. W. Brown and Z. Amit, Concordia University.

11:00 am - 12:50 pm Symposium: THE NEUROBIOLOGY OF OPIATE REINFORCEMENT MECHANISMS
(Hyatt, Cartier Ballroom A)

J. E. Smith, Louisiana State University, Chair.

- Opiates and Enkephalins: Comparison of Stimulus Characteristics.
A. M. Young, S. Herling, D. Hein and J. H. Woods, University
of Michigan.
- Effects of Opiates on Intracranial Electrical Self-Stimulation.
C. Kornetsky, Boston University.
- Opioid Reinforcement, Opioid Antagonists, and Endogenous Reinforce-
ment Processes. L. D. Reid and M. D. Lind, Rensselaer Polytech-
nical Institute.
- Effects of Pharmacological Lesions upon Opiate Reinforcement. S.G.
Smith, Choctow Mental Health/Alcohol/Substance Abuse Program, and
W. M. Davis, University of Mississippi.
- Neurochemical Correlates of Intravenous Opiate Self-Administration.
J. E. Smith and J. D. Lane, Louisiana State University.
- Discussant: C. R. Schuster, University of Chicago.

- 3:00 - 3:50 pm Presidential Address: BEHAVIORAL PHARMACOLOGY AND SUBSTANCE ABUSE
(Hyatt, Cartier Ballroom A)
- J. V. Brady, Johns Hopkins University School of Medicine.
M. Snyder, National Institute on Drug Abuse, Chair.
- 4:00 - 5:50 pm Business Meeting (Hyatt, Cartier Ballroom A)
- J. V. Brady, Johns Hopkins University School of Medicine, Chair.

Friday, September 5:

- 11:00 - 11:50 am Symposium: ALCOHOL AND AGGRESSION
(Location undetermined)
- S. P. Taylor, Kent State University, Chair.
- Alcohol and Interpersonal Aggression: An Interdisciplinary Perspec-
tive. R. E. Boyatzis, McBer and Co.
- The Effect of Alcohol on Human Physical Aggression. S. P. Taylor,
Kent State University.
- Alcohol and Aggression: Integration of Epidemiological and Experi-
mental Research. K. Pernanen, Addiction Research Foundation.
- Discussant: D. G. Mayfield, Veterans Administration Hospital,
Kansas City, Missouri.
- 12:00 - 12:50 pm Paper Session: SCHEDULES AS FUNDAMENTAL DETERMINANTS OF BEHAVIOR:
THE OPERANT/RESPONDENT INTERFACE
(Hotel Bonaventure, Mount Royal)
- E. F. Segal, San Diego State University, Chair.
- Relative Magnitude of Reinforcement in a Positive Conditioned Sup-
pression Procedure. C. C. Mandell and B. Gaillardetz, University
of Lowell.
- Effects of d-Amphetamine on Automaintained Barpressing in the Rat.
V. A. Colotla, J. Gutierrez, F. Ramos and P. Arriaga, National
University of Mexico.
- Stimulus-Reinforcer Control by Differential Delay of Reinforcement.
D. A. Coleman, B. L. Brown and N. S. Hemmes, Queens College, CUNY.
- Variable-Interval Schedules of Shock Delivery Increase Food-Main-
tained Responding. A. V. Bacotti and J. W. McKearney, Worcester
Foundation for Experimental Biology.

Effects of Diazepam on Responding during Response-Independent Shock Delivery. N. Hymowitz, New Jersey Medical School.

1:00 - 2:50 pm

Symposium: ETHICAL ISSUES IN RESEARCH WITH ANIMALS
(Hotel Bonaventure, Verdun)

E. F. Segal, San Diego State University, Chair.

Animal Suffering and Animal Rights: Fact or Fiction? M. W. Fox, Institute for the Study of Animal Problems.

Regulating Psychological Experimentation with Animals in the United Kingdom. D. Blackman, University College, Cardiff, Wales.

The Use of Animals for Experimentation in the United States.

J. Sechzer, Cornell University Medical College.

The Scientist's Concern for Animal Welfare. P. Adams, University of Texas Medical Branch at Galveston.

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The Division of Psychopharmacology (28) of the American Psychological Association acknowledges with appreciation and gratitude the support of its Corporate Affiliates. The following corporations presently contribute financial support to the Division.

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