

PSYCHOPHARMACOLOGY NEWSLETTER

(Division 28 - The American Psychological Association)

SUMMER, 1978

APPROPRIATIONS BILL

About this time each year, considerable attention focuses on Washington and the activities of Congress preceding passage of a Labor-HEW appropriations bill. So it is this summer as the House Appropriations Subcommittee chops away at the proposed budget submitted by the Carter administration. In the first Congressional reaction to the recommendations of the Carter Mental Health Commission, the Labor-HEW budget subcommittee produced an appropriations bill that would severely cut back on the Carter administration's proposed increase for mental health research. The bill would allow about \$129 million for NIMH research during FY 1979, or about \$6 million less than Carter requested. Subcommittee chair Daniel Flood wanted an \$11 million cut, but the protests of Rep. Edward Roybal held the cut to \$6 million. The subcommittee also trimmed \$5 million off the Carter request for drug abuse research. In the area of alcoholism, however, the recommended research budget passed without reduction. In areas other than research, the subcommittee endorsed the ADAMHA budget proposed by the Carter administration.

The full House Appropriations Committee began mark up of the bill in early June, and the Senate subcommittee scheduled the ADAMHA budget mark up for later in the month. There is substantial sentiment in the Senate for the restoration of funds cut by the House, and many observers in health-related areas are looking to the Senate for assurance that the House action will be overridden. At the time of this writing, word from Georgia's Senators is that the Senate Appropriations Committee has restored the drug abuse budget to the level recommended by Carter. Let us hope there is sufficient support in the Senate for the restoration of all funds.

DIVISION 28 BUSINESS MEETING

All members and fellows are urged to take notice of the business meeting scheduled for 5:00, Wednesday, August 30, in the Wentworth Room of the Sheraton Center. Several matters of considerable importance to the Division are on the agenda, and it behooves us all to be in attendance.

NIMH CHIEF

The new Director of NIMH is Herbert Pardes, a psychiatrist and psychoanalyst who is presently chair of the Department of Psychiatry at the University of Colorado Medical Center. Pardes replaces former Director Bert Brown, who vacated the office six months ago. The new director is highly regarded in the psychiatric community as an academician and clinician, and psychologists describe him as an open, even-handed clinician with a strong research orientation. In describing his credentials, HEW Secretary Califano praised Pardes' expertise in the area of mental health and the importance he attaches to getting mental health into the mainstream of health care. The selection of Pardes, considered to be ADAMHA Director Klerman's choice for the job, is expected to bring NIMH and ADAMHA closer to HEW.

EDITORIAL CORRESPONDENCE

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

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

INVITED SPEAKERS TO ADDRESS APA

The Division 28 Program Committee with Chris Johanson as Chairperson has arranged a commendable series of symposia, paper sessions and invited addresses as part of the APA convention in Toronto. The invited speakers include A. E. LeBlanc, P. Seeman, N. A. Krasnegor and R. Byck. On Tuesday afternoon, Dr. LeBlanc will speak on "Alcohol Tolerance and Dependence: Current Research Issues". Dr. Seeman is also scheduled to give a talk on Tuesday afternoon under the title "Current Status of the Dopamine Hypothesis of Schizophrenia". Thursday afternoon, Dr. Krasnegor will address the convention on "Substance Abuse Research: Federal Perspective on Emergence of New Field". Dr. Byck's address, entitled "Psychomythology and Psychopharmacology of Cocaine", is scheduled for Friday morning. The exact times and places for these addresses and other meetings comprising Division 28 program material can be found in subsequent pages of this Newsletter.

TESTIMONY REQUESTED

Legislation to protect and control the use of animals in scientific research is gaining support in Congress. One bill is sponsored by Rep. Drinan of Massachusetts and authorizes \$10 million in grant funds for the purpose of promoting the "development of methods of research, experimentation and testing that minimize the use of, and pain and suffering to, live animals". A second bill, sponsored by Rep. Richmond of New York, will establish a Commission for the Humane Treatment of Animals. The Association for the Advancement of Psychology feels a response to these initiatives is necessary and it is, therefore, seeking volunteers to testify against these bills. Interested persons should write to AAP-Animal Research, 1200 17th Street N.W., Washington, D.C. 20036.

REVISION OF BY-LAWS

The Division 28 By-Laws have been studied for areas requiring revision. Although they are too extensive to reproduce here, the proposed changes in the By-Laws can be obtained by sending a self-addressed, stamped envelope to the Division Secretary, Dr. Herbert Barry, School of Pharmacy, University of Pittsburgh, Pittsburgh, Pennsylvania 15261. Consideration of the changes in the By-Laws and their adoption by the membership will be on the agenda of the Business Meeting scheduled for Wednesday, August 30th at 5:00 in the Wentworth Room of Sheraton Center. Since a quorum is necessary for action at the Business Meeting, all members are encouraged to attend and participate in their Division's affairs.

MOVEMENT AFOOT

Reinforced by running? Running Psychologists is for all psychologists who like to move about at a pace which requires that both feet be off the ground at the same time: the speed is up to you. Some members will want to share ideas about research or treatment. Others may just want to share a good run. If you would like to join Running Psychologists, write to Ray Fowler, Box 2968, University, Alabama 35486. Include a brief statement about your own running (pace, distance, races, marathons, etc.) and whether you plan to attend the 1978 APA Convention in Toronto.

RESEARCH ON PREVENTION OF SMOKING

The NICHD invites grant applications for research on patterns of behavior that can enhance the health of children and their families and on habitual behaviors that adversely affect health. Contact J. D. Arasteh, RFA Officer, Room 7C18 - NICHD, 7910 Woodmont Avenue, Bethesda, Maryland 20014.

1978 DIVISION 28 APA PROGRAM

Toronto, August 28 - September 1, 1978

Monday, August 28:

12:00 - 2:50 pm Executive Committee Meeting, C. R. Schuster, Depts. of Psychiatry and Pharmacology, University of Chicago, Chicago, Illinois, Chair.

3:00 - 3:50 pm Conversation - Contact Hour, with J. L. Falk, Dept. of Psychology, Rutgers University, New Brunswick, New Jersey.
(VIP Room, Sheraton Center)

Tuesday, August 29:

10:00 - 11:50 am Symposium: SUBSTANCE ABUSE: BIOCHEMICAL ASPECTS

L. S. Seiden, Dept. of Pharmacology, University of Chicago, Chicago, Illinois, Chair.
(Dufferin Room, Sheraton Center)

Participants:

Behavioral and Molecular Actions of Psychomotor Stimulants. L. S. Seiden, P. S. McGuire and T. E. Levine, Dept. of Pharmacology, University of Chicago, Chicago, Illinois.

Involvement of Central DA Containing Neurons in Drug-Induced Anorexia. T. G. Heffner, Dept. of Pharmacology, University of Chicago, Chicago, Illinois, and M. J. Zigmond, Dept. of Life Sciences, University of Pittsburgh, Pittsburgh, Pennsylvania.

Noradrenergic Involvement in Chronic and Acute Effects of Ethanol. L. Pohorecky, Dept. of Physiological Psychology, Rockefeller University, New York, New York.

Discussant:

S. F. Leibowitz, Dept. of Physiological Psychology, Rockefeller University, New York, New York.

1:00 - 1:50 pm Invited Address, J. H. Woods, Dept. of Pharmacology, University of Michigan, Ann Arbor, Michigan, Chair.
(Terrace Room, Holiday Inn)

Participant:

Alcohol Tolerance and Dependence: Current Research Issues. A. E. LeBlanc, Dept. of Pharmacology, University of Toronto and Addiction Research Foundation, Toronto, Ontario.

1:00 - 1:50 pm Invited Address, A. H. Black, McMaster University, Hamilton, Ontario, Chair.
(Co-sponsored with Divisions 6 and 12)

Participant:

Current Status of the Dopamine Hypothesis of Schizophrenia. P. Seeman, Dept. of Pharmacology, University of Toronto, Toronto, Ontario.

2:00 - 4:50 pm Paper Session: BEHAVIORAL PHARMACOLOGY

J. Sepinwall, Dept. of Pharmacology, Hoffman-LaRoche, Inc., Nutley, New Jersey, Chair.
(Simcoe Room, Sheraton Center)

Participants:

Progressive-Ratio and Fixed-Ratio Schedules of Cocaine Maintained Responding in Baboons. R. R. Griffiths, L. D. Bradford, J. V. Brady and J. D. Snell, Div. of Behavioral Biology, Johns Hopkins University School of Medicine, Baltimore, Maryland.

- Adjunctive Self-Administration of Thiopental and Ethanol. D. Penetar, U. S. Army, Neuropsychology Branch, Edgewood Arsenal, Maryland, and T. Thompson, Dept. of Psychiatry, University of Minnesota, Minneapolis, Minnesota.
- Stimulant Self-Administration by Dog in a Progressive Ratio Paradigm. M. E. Risner and D. L. Silcox, National Institute on Drug Abuse, Addiction Research Center, Lexington, Kentucky.
- Enhancement of Fixed-Interval Performance Including a Respond-Produced Clock by Pentobarbital. L. D. Bradford, Div. of Behavioral Biology, Johns Hopkins University School of Medicine, Baltimore, Maryland, and M. J. Marr, School of Psychology, Georgia Institute of Technology, Atlanta, Georgia.
- Effects of Morphine on Behavior Under Two Titrating Shock Schedules. S. L. Bradbard, Dept. of Pediatrics, University of Maryland, College Park, Maryland, W. H. Merigan, Dept. of Radiation Biology and Biophysics, University of Rochester, Rochester, New York, and R. W. McIntire, University of Maryland, College Park, Maryland.
- Similarity of Chlordiazepoxide Stimulus with Discriminative Head or Body Movement. E. C. Krimmer, B. Murock and H. Barry, III, Dept. of Pharmacology, University of Pittsburgh School of Pharmacy, Pittsburgh, Pennsylvania.
- Morphine-Produced Explosive Motor Behavior in Rats Mimicked by Lithium. R. S. Blair, D. Sinyor, H. Cytryniak, L. Switzman and Z. Amit, Concordia University, Montreal, Quebec.
- Associative Factors in Tolerance to Morphine: Dose-Response Determination. H. D. Cappell and C. X. Poulos, Addiction Research Foundation, Toronto, Ontario.
- Amphetamine and Post-Reinforcement Rates in Variable-Interval Schedules. J. C. Todorov and C. W. Terada, Universidade de Brasilia, Brasilia.
- Cholinergic Drug Effects on Visual Discrimination: A Signal Detection Analysis. K. S. Milar, Biological Science Research Center, University of North Carolina at Chapel Hill, North Carolina.
- Post-Conditioning Pentobarbital Administration and Retention in Infant Rats. J. T. Concannon, Kent State University, Kent, Ohio.

Wednesday, August 30:

11:00 - 12:50 pm Paper Session: DRUG INTERACTIONS

K. A. Miczek, Dept. of Psychology, Carnegie-Mellon University, Pittsburgh, Pennsylvania, Chair.
(Simcoe Room, Sheraton Center)

Participants:

- Tolerance and Naloxone Supersensitivity as Related to Morphine Administration Parameters. M. A. Nemeth and J. H. Woods, Dept. of Pharmacology University of Michigan, Ann Arbor, Michigan.
- Variables Influencing the Effects of Naltrexone on Narcotic-Reinforced Responding. S. Herling, University of Michigan, Ann Arbor, Michigan.
- Effects of Three Drugs on Alcohol Withdrawal in Rhesus Monkeys. J. S. Tarika and G. D. Winger, Dept. of Pharmacology, University of Michigan, Ann Arbor, Michigan.
- Interaction of Methadone and Pentobarbital on Chained Fixed-Interval Performance. M. Jensen, New Brighton Elementary School, New Brighton, Minnesota, and T. Thompson, Dept. of Psychiatry, University of Minnesota, Minneapolis, Minnesota.

Interactions between Phencyclidine and Other Drugs on Schedule-Controlled Behavior. L. D. Chait and R. L. Balster, Dept. of Pharmacology, Medical College of Virginia, Virginia Commonwealth University, Richmond, Virginia.

Effects of Systematically Administered Catecholamines on Reserpine-Induced Amnesia. T. J. Walsh and T. Palfai, Skytop Biopsychology Laboratories, Syracuse University, Syracuse, New York.

12:00 - 1:50 pm Symposium: ETHICS OF ANIMAL EXPERIMENTATION

A. H. Riesen, Dept. of Psychology, University of California, Riverside, California, Chair.
(Co-sponsored with Divisions 3, 6, 24 and 25)

Participants:

R. W. Doty, Center for Brain Research, University of Rochester, Rochester, New York.
C. R. Gallistel, University of Pennsylvania, Philadelphia, Pennsylvania.
J. V. Flowers, Program in Social Ecology, University of California, Irvine, California.

2:00 - 4:50 pm Symposium: SUBSTANCE ABUSE: BEHAVIORAL ASPECTS

C. E. Johanson, Dept. of Psychiatry, University of Chicago, Chicago Illinois, Chair.
(Dufferin Room, Sheraton Center)

Participants:

The Roots of Excessive Behavior. J. L. Falk, Dept. of Psychology, Rutgers University, New Brunswick, New Jersey.
Behavioral Components of Sugar Abuse. R. B. Kanarek, Tufts University, Medford, Massachusetts.
Effects of Nicotine Relevant to Understanding the Tobacco Habit. R. Hutchinson, Foundation for Behavioral Research, Augusta, Michigan.
Factors Determining Oral Intake of Ethanol and Other Drugs. R. A. Meisch, M. Carroll and J. Henningfield, Dept. of Psychiatry, University of Minnesota, Minneapolis, Minnesota.
Drugs as Stimuli: Behavioral Studies of Substance Abuse. R. L. Balster and L. D. Chait, Dept. of Pharmacology, Medical College of Virginia, Virginia Commonwealth University, Richmond, Virginia.

Discussant:

C. R. Schuster, Depts. of Psychiatry and Pharmacology, University of Chicago, Chicago, Illinois.

2:00 - 2:50 pm Symposium: CHILDREN OF DRUG-ADDICTED PARENTS: STRATEGIES FOR INTERVENTION

J. Benvenuto, New York Medical College, New York, New York, Chair.
(Co-sponsored with Divisions 3, 7, 9 and 27)

Participants:

Psychological Services and Comprehensive Health Care for Addicted Families. W. Doniger, New York Medical College, New York, New York.
Children of Addicted Mothers in the Child Welfare System. J. Zarin-Ackerman, New York Medical College, New York, New York.
Developmental Assessments of Prenatally-Addicted Children: The First Three Years. J. Greene, New York Medical College, New York, New York.

- 2:00 - 2:50 pm Presidential Address, D. Barlow, Depts. of Psychiatry and Psychology, Brown University and Butler Hospital, Providence, Rhode Island, Chair.
(Co-sponsored with Divisions 12, 16 and 25)
- Pills or Skills for Hyperactive Children. K. D. O'Leary, Dept. of Psychology, State University of New York at Stony Brook, New York.
- 5:00 - 5:50 pm Business Meeting. C. R. Schuster, Depts. of Psychiatry and Psychology, University of Chicago, Chicago, Illinois, Chair.
(Wentworth Room, Sheraton Center)

Thursday, August 31:

- 10:00 - 11:50 am Symposium: RESEARCH ON SMOKING BEHAVIOR: DEPRIVATION EFFECTS AND THE SUCCESSFUL QUITTER
- P. N. Tongas, Kaiser-Permanente Mental Health Center, Los Angeles, California, Chair.
(St. Patrick Room, Holiday Inn)
- Participants:
- The "Intermission Effect": Short-Term Deprivation from Smoking. E. R. Gritz, Dept. of Psychiatry, University of California at Los Angeles, California.
- Withdrawal Symptoms: The First Week is the Hardest. S. M. Shiffman, University of California at Los Angeles, California, and M. E. Jarvik, Depts. of Psychiatry and Pharmacology, Veterans Administration Hospital, Brentwood, California.
- A Retrospective Study of Successful Exsmokers. E. Hecht, University of California at Los Angeles, California.
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- Discriminations of Long-Term Successful and Unsuccessful Quitters. P. N. Tongas, J. L. Patterson and S. D. Goodkind, Kaiser-Permanente Mental Health Center, Los Angeles, California.
- 1:00 - 1:50 pm Invited Address, P. L. Carlton, Dept. of Psychiatry, Rutgers School of Medicine, Piscataway, New Jersey, Chair.
(Dufferin Room, Sheraton Center)
- Participant:
- Substance Abuse Research: Federal Perspective on Emergence of New Field. N. A. Krasnegor, National Institute on Drug Abuse, Rockville, Maryland.
- 2:00 - 4:50 pm Paper Session: DRUG EFFECTS IN HUMANS
- M. L. Stitzer, Dept. of Psychiatry, Baltimore City Hospitals, Baltimore, Maryland, Chair.
(Harris Room, Hotel Toronto)
- Participants:
- Cognitive Effects of Physostigmine and Choline Chloride in Normal Subjects. R. C. Mohs, J. R. Tinklenberg and K. L. Davis, Dept. of Psychiatry and Behavioral Sciences, Stanford University School of Medicine, and Palo Alto Veterans Administration Hospital, Palo Alto, California.
- Inverse Relationship between Frequency of Marihuana Use and Depression/Anxiety. A. S. Friedman, Philadelphia Psychiatric Center, Philadelphia, Pennsylvania.
- Methylphenidate Hydrochloride and Judgment Behavior in Hyperkinetic Children. D. G. Beal, Texas Tech University, Lubbock, Texas, and J. S. Gillis, Oregon State University, Corvallis, Oregon.

- The Effects of Caffeine and Methylphenidate on Hyperactive Children. P. Firestone, J. Davey, J. T. Goodman and S. Peters, Children's Hospital of Eastern Ontario, Ottawa, Ontario.
- Human Substance Use: Tobacco and Coffee Interactions. A. H. Harris, H. H. Emurian, C. S. Emurian, F. R. Schmier and J. V. Brady, Dept. of Psychiatry and Behavioral Sciences, Johns Hopkins University School of Medicine, Baltimore, Maryland.
- Cigarette Smoking, Physiological Arousal and Emotional Response: Nesbitt's Paradox Re-examined. S. M. Shiffman, University of California at Los Angeles, California, and M. E. Jarvik, Depts. of Psychiatry and Pharmacology, University of California at Los Angeles and Veterans Administration Hospital, Brentwood, California.
- Consistency of Alcohol Absorption in Human Subjects. R. Radlow, San Diego State University, San Diego, California, and T. Conway, San Diego State University and Naval Health Research Center, San Diego, California.
- Alcohol Dose and Expectancy Effects on Cognitive and Motor Performance. R. M. Williams, M. S. Goldman and D. L. Williams, Dept. of Psychology, Wayne State University, Detroit, Michigan.
- The Effect of Alcohol and Behavior Contingencies on Human Aggression. A. Zeichner and R. O. Pihl, Dept. of Psychology, McGill University, Montreal, Quebec.
- Assessment of Effect of Lithium in Treating Alcoholics. R. M. Bowler, San Francisco State University, C. Becker, Dept. of Medicine, San Francisco General Medical Center, University of California, San Francisco, J. Hunter, San Francisco State University, R. Vandervoort, Dept. of Medicine, San Francisco General Medical Center, University of California, San Francisco, and L. Lanneret, San Francisco State University, San Francisco, California.
- Problems in Using Placebo Controls in Psychopharmacological Research with Humans. M. L. Jospe, San Fernando Valley Psychiatric Medical Clinic, Studio City, California.

Friday, September 1:

9:00 - 10:50 am Symposium: SUBSTANCE ABUSE: METHODS AND GOALS FOR BEHAVIORAL ANALYSIS AND TREATMENT

N. A. Krasnegor, National Institute on Drug Abuse, Rockville, Maryland, Chair.
(MacDonald-Lismer Room, Hotel Toronto)

Participants:

- Behavioral Analysis and Modification of Drug Abuse. G. Bigelow, Dept. of Psychiatry, Baltimore City Hospitals, Baltimore, Maryland.
- Community Reinforcement Treatment of Alcoholism. N. H. Azrin, Anna State Hospital, Anna, Illinois.
- Prices in the Self-Management Puzzle: Lessons from Control of Obesity. R. Stuart, Graduate School of Social Work, University of Utah, Salt Lake City, Utah.
- Problems in Long-Term Modification of Smoking Behavior. A. McAllister, Harvard School of Public Health, Boston, Massachusetts.

11:00 - 11:50 am Invited Address, C. R. Schuster, Depts. of Psychiatry and Pharmacology, University of Chicago, Chicago, Illinois, Chair.
(Harris Room, Hotel Toronto)

Participant:

- Psychomythology and Psychopharmacology of Cocaine. R. Byck, Depts. of Psychiatry and Pharmacology, Yale University School of Medicine, New Haven, Connecticut.

1:00 - 2:50 pm Symposium: DIRECT MEASUREMENT OF THE HYPERACTIVE CHILD'S RESPONSE TO STIMULANT DRUGS

M. Kinsbourne, Hospital for Sick Children and University of Toronto, Toronto, Ontario, Chair.
(Kent Room, Sheraton Center)

Participants:

How accurate are Teacher Ratings Compared to Direct Behavioral Observations. R. Ullman, R. Sprague and E. K. Sleator, Institute for Child Behavior and Development, University of Illinois at Urbana-Champaign, Illinois.

Use of Laboratory Tests to Confirm Medical Diagnosis of Hyperactivity. J. M. Swanson, Hospital for Sick Children, Toronto, Ontario.

Specific Cognitive Effects of Amphetamine in Normal and Hyperactive Children. H. Weingartner and J. Rapoport, National Institute of Mental Health, Bethesda, Maryland.

Several Types of Measures of Hyperkinesis: Conceptual and Empirical Problems. C. K. Connors, Dept. of Psychiatry, University of Pittsburgh, Pittsburgh, Pennsylvania.

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Hospitality Suite

Division 28 is arranging a Hospitality Suite at the Sheraton Center on Monday, Tuesday and Wednesday evenings from 5:00 - 12:00 p.m. Designation of a room for the Suite has not yet been made.

Informal Paper Session

An Informal Paper Session is scheduled for Tuesday, August 29th, from 5:00 - 7:00 p.m. Members and guests are invited to attend and hear some interesting presentations.