

PSYCHOPHARMACOLOGY NEWSLETTER

(Division 28 - The American Psychological Association)

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In the area of animal research a major effort is directed towards the investigation of the neurobiological parameters of behavior using neurochemical, neuroanatomical, neuropharmacological and neurotoxin procedures (James E. Smith and Steven I. Dworkin). Drug reinforcement processes are under investigation with the ultimate goal being the elucidation of neurotransmitter-specific neuronal pathways initiating and mediating opiate and stimulant reinforcement. Methodologies in use to identify specific pathways and receptors involved in drug reinforcement include intravenous and intracranial self-administration, neurotransmitter turnover rate, receptor binding and neurotoxin lesion procedures. Specific experiments in progress include: Neurotransmitter turnover rate and receptor binding measurements in small brain regions of rats intravenously self-administering heroin and yoked controls; effects of 6-OHDA lesions of the nucleus accumbens on concurrent chained food, water and morphine self-administration; effects of 6-OHDA lesions of the nucleus accumbens on intravenous cocaine self-administration; concurrent assessment of the effects of 6-OHDA lesions of the nucleus accumbens on the reinforcing and possible aversive properties of cocaine, intracranial self-administration of cocaine and characterization of the receptors and pathways mediating these processes; effects of intracranial infusions of drugs on schedule-controlled behavior; intracranial self-administration of substances that are endogenous ligands.

Other areas of research include the effects of footshock stress on brain neurohumor receptors; effects of intracranial injection of benzodiazepines on punished responding; effects of prenatal exposure to alcohol on behavior and brain neurotransmitter receptors.

In the area of human research, several projects are currently being conducted. One study involves a treatment program which has been initiated for drug withdrawal in long-term benzodiazepine users (Ronald G. Nathan). Data from the initial intake assessment, the response to the gradual withdrawal during a ten-week biofeedback-stress management program, and data from a one-year follow-up are now being analyzed. Depressed patients, postpartum women and psychiatric inpatients, are participating in experiments involving the analysis of urinary peptide profiles (C. Simon Sebastian). Human laboratory studies have concentrated on the effects of drugs on human aggressive behavior and cigarette smoking behavior (Joel L. Steinberg and Don R. Cherek). Previous investigations have evaluated the effects of nicotine, caffeine, coffee, and alcohol upon aggressive responding elicited by provocation. Pilot studies are now assessing the effects of L-tryptophan and d-amphetamine. The effects of different levels of industrial noise on cigarette smoking and the measurements of cigarette smoking behavior across menstrual cycles are being investigated.

COUNCIL REPRESENTATIVE'S REPORT

On January 6 and 7 I attended a meeting of the Finance Committee at which we completed work on the 1984 budget for APA, and on January 19, 20, and 22 the semi-annual meeting of the Council of Representatives was held. Highlights of both meetings for Division 28 members follow in an abbreviated form. If you want more information about these items or any of the 109 other issues before Council, call me at my office, (313) 577-2802 or at home, (313) 393-0198.

Approximately 20% of APA's income is derived from dues; publications, which now include Psychology Today, account for approximately 50%, and the remaining 30% comes from earned interest on investments, sales of mailing lists, grants and contracts, etc. Expenses are related to membership services and publications. The total budget is close to 20 million and the only real problems are those involving Psychology Today. Last year, as you remember, APA purchased Psychology Today (P-T) for 3.8 million. We borrowed 2.5 million to run it, and we spent it this year. P-T has 8,500,000 readers and subscriptions have held firm. However, advertising has fallen by at least 1/3 and, of course, advertising pays for a magazine. P-T management feels that the decline in advertising reflects uncertainty of what the magazine may become under our ownership on the part of old advertisers and the failure to attract new advertisers who are uncertain how long the magazine will continue to operate. These problems, plus the need to infuse another 1.5 million into P-T to keep it operating through 84, were handled by the Finance Committee which made recommendations to the Board of Directors and the Council. These recommendations were approved by Council. Briefly, the 1.5 million will come from the following sources: a \$330,000 tax benefit to APA because of P-T's operating loss, APA's \$200,000 emergency credit line, \$250,000 direct budget transfer (this will come from our working capital so it will not result in program cuts), and \$750,000 from restructuring existing P-T loans. In addition, the Finance Committee recommended and the Council approved making a subscription to P-T a benefit of membership; so you will soon be receiving a monthly copy. The major reason we did this was to save the expenses of running an intensive ad campaign this year to obtain 60,000 new subscribers. We will save \$600,000 each year in ad campaign costs by having APA members as subscribers. Since providing the magazine to our members costs only \$300,000, we

save \$300,000. Additionally, we put 60,000 subscribers on the rolls with the type of demographics advertisers like and our actions mollify Madison Avenue fears that we are about to close shop. As you know, I voted against P-T's purchase last year and argued that we do not have control, although I still have reservations about our ability to handle the editorial problems. Nevertheless, I feel our best economic policy is to support the magazine for at least the next two years. If any of you have any influence on the decisions of companies to place ads in major publications, call me and I will get you in touch with the ad manager for P-T. They can use all the help we can supply.

Now for some things more directly related to psychopharmacology. Janet Spence, president-Elect, convened a taskforce co-chaired by herself, Bill Prokasy, and Fred King of the Yerkes Primate Center who heads APA's animal care committee. Taskforce members are council representatives like me who represent divisions to which animal research is vitally important. Our task is to supplement efforts initiated by King's committee to meet the problems that are likely to arise because the Friends of Animals people have targeted behavioral research and hunting and trapping as their areas for attack this year. They are planning massive meetings at Toronto during our convention. Based on King's committee's work and the taskforce's efforts, these are the things that I think are well-in-hand.

1. Our pre-convention and convention press campaign. We will have excellent information in the media's hands in a timely fashion.
2. Security for the sessions will be good--all possible efforts to preclude unseemly demonstrations or dialog at the convention will be taken.
3. Material explaining APA's positive stand on the use of animal subjects will be made easily available to all attendees.

Less certain are the ways we should proceed to influence public opinion through convincing arguments. Consideration is being given to a joint public information campaign with other interested professional groups, and your ideas on this are of interest to the taskforce.

APA's national policy studies and office continues to track the use of animals in research legislation. The plans we made last year are working and there appears to be no reason to expect any disasterous action in this area from the congress this year.

Finally, there were the usual political actions in support of potential presidential candidates. The two people who appear likely to secure nominations and who represent academic psychology points-of-view are Greg Kimble and Bonnie Strickland. When you get your ballot, both will have positive statements which may provide a basis for choosing between them. Do vote!

M. Marlyne Kilbey

MANUSCRIPTS ON PSYCHOACTIVE DRUGS SOUGHT

A publisher of reference works, Chelsea House, is seeking monographs on psychoactive drugs written for young adults. The history of the drug, its psychopharmacology, and its impact on society are to be covered in each monograph. The author's interests and the characteristics of a given drug will determine the rest of the manuscript's contents. The fee for a 15,000-word manuscript is \$2,500; \$1,250 in advance and \$1,250 when the manuscript is accepted. For further information contact:

Miriam Cohen, Ph.D., Series Editor
Chelsea House Publishers
133 Christopher Street
New York, NY 10014
Telephone: (212) 924-6414

PREDOCTORAL POSITIONS

Emory University offers a multidisciplinary program leading to the Ph.D. degree in Pharmacology. Emphasis is placed on examining the action of drugs, hormones, neurotransmitters and modulators in mammalian systems. Various biochemical, physiological and behavioral techniques are applied to research problems in broadly defined areas of molecular, biochemical, cardiovascular, neural and behavioral pharmacology. State-of-the-art instrumentation and facilities are available for graduate student research.

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Financial support is available for qualified candidates. For further information, write:

Director of Graduate Studies
Department of Pharmacology
Emory University School of Medicine
Atlanta, Georgia 30322

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NEW PUBLICATIONS

Academic Press; 111 Fifth Avenue; New York, NY 10003

MHPG: Basic Mechanisms and Psychopathology. J. W. Maas (Ed.), 240 pp (1983) 0-12-462920-2 \$26.50

Advances in Behavioral Pharmacology, Vol. 3, T. Thompson, P.B. Dews and W.A. McKim (Eds.), 240 pp. (1982) 0-12-004703-9, \$35.50

Elsevier, P.O. Box 1663, Grand Central Station, New York, NY 10163

Psychopharmacology, Vol. 1: Preclinical Psychopharmacology. D.G. Grahame-Smith, H. Hippus and G. Winokur (Eds.), 456 pp (1983) 0-444-90240-6, \$80.75

Psychopharmacology, Vol. 2: Clinical Psychopharmacology. H. Hippus and G. Winokur (Eds.), 482 pp (1983) 0-444-90282-1, \$153.25

Psycho- and Neuro Pharmacology. M.J. Pamham and J.B. Bruinvels, 518 pp (1983) 0-444-80493-5, \$142.50

Stress and Alcohol Use. L.A. Pohorecky and J. Brick (Eds.), 452 pp (1983) 0-444-00730-X \$74.00

The Neurobiology of Opiate Reward Processes. J.E. Smith and J.D. Lane (Eds.), 476 pp (1983) 0-444-80430-7, \$144.75

Drugs in Psychiatry, Vol. 1 - Antidepressants G.D. Burrows, T.R. Norman and B. Davies, 369 pp (1983) 0-444-807474-9, \$45.00

Oxford University Press, 200 Madison Ave., New York, NY 10016

A Handbook on Drug and Alcohol Abuse. F.G. Hofmann, 329 pp (1983) 503056-7, \$27.50

Pharmacology of Alcohol. D.B. Goldstein, 179 pp (1983) 503111-3, \$24.95

Psychopharmacology of Old Age. D. Wheatley (Ed.), 194 pp (1983) 261456-8, \$18.95

Psychopharmacology and Sexual Disorders. D. Wheatley (Ed.), 225 pp (1984) 261415-0, \$39.00

Plenum Publishing Co., 233 Spring Street, New York, NY 10013

Hormones and Aggressive Behavior. Bruce B. Svare (Ed.) 610 pp (1983) 41055-9, \$59.50

Handbook of Psychopharmacology Vol 16: Neuropeptides. L.L. Iversen, S.D. Iversen and S.H. Snyder (Eds.) 594 pp (1983) 41048-6, \$55.00

Handbook of Psychopharmacology Vol 17: Biochemical Studies of CNS Receptors. L.L. Iversen, S.D. Iversen and S.H. Snyder (Eds.) 450 pp (1983) 41145-8, \$55.00

The Practitioner's Guide to Psychoactive Drugs, 2nd Ed. E.L. Bassuk, S.C. Schoonover and A.J. Gelenberg (Eds.) 456 pp (1983) 41039-1, \$27.50

Handbook of Psychopharmacology Vol 18: Drugs, Neurotransmitters and Behavior. 445 pp (1983) 41415-5, \$65.00

Recent Developments in Alcoholism Vol 1. M. Galanter (Ed.) 484 pp (1983) 0-306-41202-0, \$55.00

Medical and Social Aspects of Alcohol Abuse. B. Tabakoff, P.B. Sutker and C.L. Randall (Eds.) 397 pp (1983) 41221-7, \$39.50

The Biology of Alcoholism, Vol. 6: The Pathogenesis of Alcoholism Psychosocial Factors. B. Kissin and H. Begleiter (Eds.) 724 pp (1983) 41052-4 \$69.50

The Biology of Alcoholism, Vol. 7: The Pathogenesis of Alcoholism Biological Factors 666 pp (1983) 41053-2 \$62.50

Research Advances in Alcohol and Drug Problems, Vol. 7. R.G. Smart et al (Eds.) 455 pp (1983) 41218-7, \$59.50

The Drug User: Personality Issues, Factors and Theories. S. Einstein (Ed.) 209 pp (1983) 40913-5, \$75.00

Raven Press, 1140 Avenue of the Americas, New York, NY 10036

Actions and Interactions of GABA and Benzodiazepines. N.G. Bowery (Ed.) 312 pp (1983) 0-89004-298-5, \$36.00

Analgesics: Neurochemical, Behavioral, and Clinical Perspectives. M.J. Kuhar and G.W. Pasternak (Eds.) 390 pp (1984) 089004-793-6 \$49.00

CNS Receptors: From Molecular Pharmacology to Behavior. P. Mandel and F.V. DeFeudis (Eds.) 528 pp (1983) 0-89004-827-4 \$48.00

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Molecular Pharmacology of Neurotransmitter Receptors. T. Segawa, H.I. Yamamura and K. Kuriyama (Eds.) 320 pp (1983) 0-89004-736-7, \$47.50

Pain, Analgesia, and Addiction: The Pharmacologic Treatment of Pain. B. Stimmel 326 pp (1983) 0-89004-605-0, \$45.00

Springer-Verlag, Inc. P.O. Box 2485, Secaucus, NJ 07094

Benzodiazepines: A Handbook - Basic Data, Analytical Methods, Pharmacokinetics and Comprehensive Literature. 439 pp (1982) 11270-7, \$88.00

SP Medical & Scientific Books, 175-20 Wexford Terrace, Jamaica, NY 11432

Neuropharmacology: Clinical Applications. W.B. Essman and L. Valzelli (Eds.) 500 pp (1982), \$45.00

Peptides, Hormones and Behavior. C.B. Nemeroff and A.J. Nunn (Eds.) 1000 pp (1983) \$100.00

Hormones, Drugs and Social Behavior in Primates. H.D. Steklis and A.S. Kling (Eds.) 384 pp (1983) 0-89335-168-7 \$45.00

Clinical Pharmacology of Learning and Memory. W.B. Essman, 202 pp (1983) 0-89335-167-9, \$35.00

Statistical and Methodological Advances in Psychiatric Research. R.D. Gibbons and M. Dysken (Eds.), 256 pp (1983) 0-89335-186-5, \$29.95

Social and Medical Aspects of Drug Abuse. G. Serban (Ed.) 288 pp (1983), \$28.95

Guidelines for the Use of Psychotropic Drugs. H. Stancer, P. Garfinkel and V. Rakoff (Eds.) 528 pp (1983) \$59.95

John Wiley & Sons, Somerset, NJ 08873

Brain Peptides. D.T. Krieger, M.J. Brownstein and J.B. Martin (Eds.) 968 pp (1983) 1-09433-1, \$97.50

Substance Abuse: Pharmacologic, Developmental and Clinical Perspectives. G. Bennett, C. Vourakis and D.S. Wolf (Eds.) 600 pp (1983) 1-08537-5, \$24.95

Benzodiazepines Divided: A Multidisciplinary Review. M.R. Trimble (Ed.) 352 pp (1983) 1-90199-7, \$39.95

MacMillan Press, 866 Third Avenue, New York, NY
10022 (orders to Front & Brown Streets,
Riverside, NJ 08370)

Pharmacology of Benzodiazepines, E. Usdin,
et al (Eds.) 680 pp (1983) 0-333-34024-8,
\$48.00

Addiction Research Foundation, 33 Russell Street,
Toronto, Canada M5S2S1

Drugs and Drug Abuse, T.C. Cox et al, 600 pp
(1983), \$29.50

Williams & Wilkins, 428 E. Preston Street,
Baltimore, MD 21202

Neurobiology of Mood Disorders, R.M. Post
and J.C. Ballenger (Eds.) 967 pp (1983)
6949-7, \$120.00

The Haworth Press, 28 East 22nd Street, New York,
NY 10010

The Alcoholism Problems: Selected Issues,
S. Cohen (1983) 0-86656-179-X \$10.95

Facts on File, Inc., 460 Park Avenue South, New
York, NY 10016

The Encyclopedia of Alcoholism, R. O'Brien
and M. Chafetz, 400 pp (1982) 0-87196-623-9,
\$40.00

C.V. Mosby Co., 11830 Westline Industrial Drive,
St. Louis, MO 63141

Drugs, Society and Human Behavior, O. Ray,
3rd Edition, 522 pp (1983) 4092-X

Lexington Books, 125 Spring Street, Lexington, MA
02173

Society and Medication: Conflicting Signals
for Prescribers and Patients, J.P. Morgan and
D.V. Kagan (Eds.) 400 pp (1983)
0-669-05290-6, \$36.95

Sinauer Association, Inc. Sunderland, MA 01375

Fundamentals of Neuropsychopharmacology,
R.S. Feldman and L.F. Quenzer, 600 pp (1983)
0-87893-178-3, \$35.00

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