

NEWSLETTER

# ISGIDAR

VOL. 17, NO. 2  
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## INTERNATIONAL STUDY GROUP INVESTIGATING DRUGS AS REINFORCERS

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### CORRESPONDENCE

#### ABOUT ISGIDAR:

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### Annual Meeting of the International Study Group Investigating Drugs as Reinforcers

Breakers Hotel  
Palm Beach, Florida  
June 16, 1991

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Invited speaker: Chris Cunningham, Department of Medical Psychology, Oregon Health Sciences University, Portland, Oregon: Pavlovian conditioning in the study of drug reward

Michael Emmett-Ogelsby, Clay Pickering and John Lane, Texas College of Osteopathic Medicine: Tolerance to the reinforcing effects of cocaine

Student Travel Awardee Cathleen Dohrn, University of Chicago: Subjective and reinforcing effects of subanesthetic doses of nitrous oxide in healthy volunteers

John R. Hughes, Alison H. Oliveto, Warren K. Bickel, Stephen T. Higgins, Susan E. Terry, University of Vermont: Methodological issues in the measurement of drug reinforcement in humans: Some examples from caffeine research

Suzette M. Evans, Thomas Critchfield and Roland R. Griffiths, Johns Hopkins University: Caffeine self-administration in humans using a cumulative dosing procedure

Invited speaker: Bartley Hoebel, Princeton University: Microdialysis studies of psychomotor stimulants and opiate dependence in the nucleus accumbens

Steve Negus, Gavril Pasternak, Matthew Weinger, Sondra Mattox and George Koob, Research Institute at Scripps Clinic: MU1 opioid receptors mediate the reinforcing effects of heroin

Gregory I. Elmer, Jeanne O'D. Pieper, Steven R. Goldberg and Frank George, NIDA Addiction Research Center: Genetic variation in opiate receptor populations differentially affects numerous opiate-related drug effects including drug reinforced behavior

Kimberly Vanover and William Woolverton, University of Chicago: The effects of chlorpromazine and clozapine on the reinforcing effects and the discriminative stimulus effects of cocaine in rhesus monkeys

Thomas H. Kelly, Richard Foltin and Marian Fischman, Johns Hopkins University School of Medicine: Marijuana self-administration in a residential laboratory

Michael Nader and William Woolverton, The University of Chicago: Cocaine-food choice by rhesus monkeys: Open vs closed economies

Richard J. DeGrandpre, University of Vermont: Behavioral economics of drug self-administration: A reanalysis of the nicotine regulation hypothesis

Richard A. Meisch, Gregory A. Lemaire and John D. Roache, University of Texas, Houston: Orally delivered midazolam as a reinforcer for rhesus monkeys

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## ISGIDAR BUSINESS MEETING

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Minutes of last year's meeting were approved.

Treasurer David Downs reported that the balance of the ISGIDAR account prior to the 1991 meeting was \$3395.70. The proceeds from the Palm Beach meeting were \$2400.00, and the estimated expenses were \$500.00 for the travel award and \$2290.40 for the meeting room and refreshments., leaving a balance of approximately \$3005.30

President de Wit congratulated the 1991 winner of the Travel Award, Cathleen Dohrn of the University of Chicago. She also thanked the invited speakers, Chris Cunningham and Bartley Hoebel on behalf of ISGIDAR. The presentations of the Travel Award winner and the invited speakers were interesting and enhanced the quality of program. ISGIDAR members are again asked to submit names of potential speakers for next year's meeting, and as well names of candidates for the 1992 Travel Award. ISGIDAR is an international organization, and students all countries are eligible for the travel award.

It was announced that the following ten individuals had been accepted for membership in ISGIDAR, following a mail ballot: Laura Peoples, Department of Psychology, Rutgers University; Mark Galizio, Department of Psychology, University of North Carolina at Wilmington; Ronald Wood, Department of Environmental Medicine, New York University Medical Center; Kimberly Kirby, Department of Psychiatry and Behavioral Sciences, University of Texas Health Science Center at Houston; Kenneth Perkins, Western Psychiatric Institute, University of Pittsburgh; Steve Heischman, NIDA-ARC, Baltimore, Maryland; Susan Schenk, Department of Psychology, Texas A&M University; Toni S. Shippenberg, Max Planck Institute for Psychiatry, Planegg-Martinsried, Germany; Michael Emmett-Oglesby, Department of Pharmacology, Texas College of Osteopathic

Medicine; and Thomas H. Kelly, Department of Psychiatry and Behavioral Sciences, Johns Hopkins University.

Elections of new officers were conducted. The officers are:

|                                |                   |
|--------------------------------|-------------------|
| President                      | Richard Meisch    |
| Vice-President                 | Jack Henningfield |
| Vice-President (Animal Use)    | Bill Woolverton   |
| Vice-President (International) | Kohji Takada      |
| Secretary                      | John Hughes       |
| Treasurer                      | David Downs       |

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### MESSAGE FROM THE PRESIDENT

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This year's meeting was very successful. It was well attended, and many interesting papers were presented. A new feature was the organized lunch. More than ninety people attended. Membership in ISGIDAR continues to grow. These positive developments can be credited to the excellent leadership of Harriet de Wit and other past presidents.

The investigation of drugs as reinforcers has expanded over the years. The original focus was the study of drug reinforcement in relation to drug abuse including the abuse liability assessment of new drugs. Additional objectives have emerged. Drugs as reinforcers are of interest in the experimental analysis of behavior, for drugs provide an alternative to traditionally used reinforcers such as food. Drugs as reinforcers are also of interest in pharmacology, for drug reinforced behavior is a sophisticated preparation for the investigation of new compounds. ISGIDAR has been and will continue to be supportive of all types of studies directed at drug reinforced behavior.

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### 1992 MEETING

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The 1991 ISGIDAR meeting will be held on Saturday, June 20th at Keystone, Colorado. As in the past, ISGIDAR will be conducted as a satellite session of the Committee on Problems of Drug Dependence. Note that the meeting will be held on **Saturday**, and not as in past years on Sunday. The CPDD meeting will begin on Sunday. This change has been made to take advantage of lower airline fares.

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### INVITED SPEAKERS FOR THE 1992 MEETING

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We are seeking suggestions for speakers to invite to the 1992 meeting. Invited speakers should be individuals who do not regularly attend the ISGIDAR meeting, and who are doing interesting research related to drugs as reinforcers. They will be paid a \$100 honorarium. Members are urged to submit suggestions to Richard Meisch.

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### 1992 TRAVEL AWARD: STUDENT PAPER COMPETITION

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ISGIDAR will again sponsor a Student Paper Competition Award for a new investigator to present a paper on drug self-administration research. Up to \$500 in reasonable and documented travel

costs will be paid to the winner to attend the meeting of the Committee on Problems of Drug Dependence, 1990 to present a paper at the ISGIDAR satellite session. Payment will be made upon submission of travel receipts to the ISGIDAR Treasurer. Those who did not receive the award, but who did receive good reviews will be encouraged to present their papers at the ISGIDAR meeting.

*ELIGIBILITY:* Applicants must be enrolled in a graduate program and be working toward a doctorate or have received their doctorate within the last five years (after June 1, 1987).

Applicants who are not ISGIDAR members must be sponsored by an ISGIDAR member.

The research to be reported at ISGIDAR must not already be published.

*MANUSCRIPT REQUIREMENTS:* Papers should not be more than 10 pages excluding figures and references.

The length and scope of the paper should be consistent with a 20-25 minute slide presentation.

Please include paper title, name, address, phone number and author's signature on the cover page of the manuscript.

The signature and typed name of the author's sponsor should also appear on the cover page after a statement indicating that the applicant made a significant scientific contribution to the research.

Submit four copies, double-spaced.

*REVIEW:* Each manuscript will be independently reviewed by the ISGIDAR officers for originality, scientific contribution, sound methodology and clarity of the manuscript.

Blind review is possible upon request.

Reviewers will not participate in the review of papers from their own institution.

Submit manuscripts to

Dr. Richard A. Meisch  
Department of Psychiatry and Behavioral Sciences  
University of Texas Health Science Center at Houston  
1300 Moursund St.  
Houston, Texas 77030-3497

DEADLINE FOR SUBMISSION: April 15, 1992

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## POSITIONS

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**POSTDOCTORAL FELLOWSHIPS:** At the **Johns Hopkins University School of Medicine**. Develop and implement **human behavioral pharmacology research** -- in both laboratory and clinic -- related to **substance abuse**. Stimulating and productive environment. Projects include evaluation of **behavioral and pharmacological treatments**, drug interaction studies related to **medications development**; also, drug discrimination, abuse liability assessment, physical dependence, performance effects, contingency management, behavioral counseling, smoking cessation. Broad range of substances under study: opioids, cocaine, sedatives, tobacco, marijuana, caffeine. Ph.D. in experimental or clinical; research experience desirable. Stipend: USPHS levels, based on experience. Minorities encouraged. Send letter of

interest, vita, and phone numbers of three references to: **George E. Bigelow, Ph.D.; BPRU/Psychiatry, D-5-W; Johns Hopkins/Key Medical Center; 4940 Eastern Avenue; Baltimore, MD 21224; (301) 550-0035; [Note: area code changes from (301) to (410) on 11/1/91.]**

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**POSTDOCTORAL FELLOWSHIPS:** At the **University of Texas Health Science Center-Houston, School of Medicine, Substance Abuse Research Center.** Positions are available in three collaborating research environments including: (1) **Animal Behavioral Pharmacology and Neuroscience Laboratory**, (2) **Human Behavioral Pharmacology Laboratory**, (3) **Addictive Behaviors Treatment Research Clinic.** Develop and implement substance abuse research with wide latitude in focus. Examples of ongoing research projects include animal and human drug self-administration, food deprivation drug self-administration interactions, drug discrimination, receptor/lesion studies, drugs and human performance, behavioral economics, tolerance and dependence, provocation and human aggressive behavior, drugs and aggressive behavior, motivational effects of drugs, behavioral treatment of cocaine/opiate/ benzodiazepine tobacco dependence, pharmacological interventions for drug dependence, psychopathology of compulsive behaviors, reduction of HIV spread, interventions illness correlated with drug dependence, drug abuse in special populations (e.g. pregnant women). Drugs currently being examined in the three research environments include, marijuana, tobacco, etonitazine, methadone, cocaine, dimethocaine, fluoxetine, L-dopa, methylphenidate, pentobarbital, benzodiazepines, ethanol. Thirteen full time faculty members in SARC, with options for other collaboration in Department with 80 faculty members and many resources. M.D., Ph.D., D.V.M., D.D.S., and other doctoral level candidates will be considered. Research experience important. Stipend, USPHS levels based on experience. **Minorities and women encouraged to apply.** Send letter of interest to: **John Grabowski, Ph.D.; SARC/Department of Psychiatry and Behavioral Sciences; University of Texas Health Science Center; 1300 Moursund, Houston 77030. Telephone 713 792-7925, FAX 713 794-1425.**

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#### ISGIDAR BIBLIOGRAPHY

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Listing of recent publications or manuscripts in press on the behavioral pharmacology of drugs of abuse by ISGIDAR members:

RA = published, reprints available

IP = in press

SU = submitted

NA = published, reprints not available

Dr. Marilyn E. Carroll  
Department of Psychiatry  
Box 392 UMHC  
University of Minnesota  
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Carroll ME: Phencyclidine and Hallucinogens. In: CK Erickson, MA Javors, WW Morgan and Stimmel B (Eds.) *Addiction potential of abused drugs and drug classes*, Vol. 9 Haworth Press: Binghamton, NY, 1990. pp. 167-190.

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Dr. Bartley G. Hoebel  
Department of Psychology  
Princeton University  
Princeton, New Jersey, 08544-1010

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**ISGIDAR BIBLIOGRAPHY FORM**

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- (RA) Published, reprints available
- (IP) In Press, reprints will be mailed after publication
- (NA) Reprints unavailable
- (SU) Submitted

In submitting your entries, use any useful format. Mail this form to :

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Note: If the response cost is less to just mail a copy of the preprint or reprint, please feel free to do so with ISGIDAR written on the envelope or the paper itself.

Address for reprints:

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Citations (in alphabetical order)