

# *The ISGIDAR NEWSLETTER*

**VOL. 23, NO. 1**

**March, 1997**

## **INTERNATIONAL STUDY GROUP INVESTIGATING DRUGS AS REINFORCERS**

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**ABOUT ISGIDAR NEWSLETTER:  
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## **1997 ISGIDAR SCIENTIFIC MEETING -- NASHVILLE, TENNESSEE**

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The 1997 annual **ISGIDAR Scientific Meeting** will be held Saturday 14 June 1997 at the Opryland Hotel in Nashville, Tennessee. As usual, the meeting will be held as a satellite session immediately preceding the annual scientific meeting of the College on Problems of Drug Dependence. ISGIDAR registration will begin at 8:30 am. The registration fee is \$25. Paper presentations will be scheduled between 9 am and 5 pm, and the business meeting will be held from 5 to 5:30 pm. The 1997 program is available [here](#).

The **business meeting** should be particularly important this year for there are issues that will need discussion. One issue involves the date and time, relative to the CPDD

meetings as a whole, during which ISGIDAR meets each year. Many of our most senior ISGIDAR members often can't attend our annual meeting because they are on the CPDD board which often has its sessions contemporaneous with those of ISGIDAR. Other members with interests in nicotine self-administration will have difficulties because the SRNT meetings, this year also a satellite of the CPDD meetings, overlap with those of ISGIDAR. In the past, members with interests in cannabinoid pharmacology had problems as well trying to shuffle between the Cannabis Society meetings and ISGIDAR. Is there a better time for us to hold our meetings and maximize our attendance? Other issues regards our luncheon and whether changing the price or venue could facilitate attendance at it. Finally, issues regarding whether we should seek a journal to publish the ISGIDAR meeting abstracts remain; would publishing the abstracts within the ISGIDAR Newsletter be satisfactory? Please think about these issues for your opinion, if not your vote, will be requested at the business meeting. To **present a paper** at the ISGIDAR meeting, please send an abstract by May 1, 1997 to Rick Lamb at the address listed above. Abstracts should conform to the format used for presentations at CPDD. Please note that papers submitted to ISGIDAR should not also be presented at CPDD. The amount of time available for each talk will depend on the number of papers submitted but will not be less than 20 minutes.

## **1997 ISGIDAR Lunch**

We are again arranging to have lunch catered by the hotel, so that we can eat together and continue discussions from the morning session. The lunch will cost about \$15 per person. Because in past years we have had difficulty estimating the number of people wanting lunch, which has resulted in some cases in large drains in the ISGIDAR treasury and in other cases in pleading and begging with hotel staff, we are asking that those wishing to join us for the ISGIDAR lunch indicate in advance, preferably by email (but you can use snail mail or fax if need be), to Rick Lamb at the address below. Please let the various members of your lab who will be attending ISGIDAR, but who might not receive the Newsletter, know about lunch. While there will be a limited number of seats available for those failing to indicate in advance their desire for lunch, these will be strictly limited and will be available on a first come first serve basis.

### **For Luncheon Reservations:**

R. J. Lamb  
DART (MS 984)

Medical College of Pennsylvania and  
Hahnemann University  
Department of Psychiatry  
Broad & Vine Streets  
Philadelphia, PA 19102-1192  
tel: (215) 762-8387

fax: (215) 246-5290  
email: [lamb@allegheny.edu](mailto:lamb@allegheny.edu)

If you wish, you may also advance register (\$25) by sending a check to Marilyn Carroll at the address below. Receipts for meal costs (and registration) will be provided at the meeting.

**Submit advanced registration payable to ISGIDAR to:**

**Dr. Marilyn Carroll**  
Psychiatry Department  
Box 392 UMHC  
University of Minnesota  
Minneapolis, MN 55455

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## NOMINATIONS FOR ISGIDAR MEMBERSHIP

Everyone is encouraged to submit nominations for ISGIDAR membership to the president at the address on the front of the newsletter. New members are essential to maintaining ISGIDAR as a vigorous organization. A letter of recommendation and vita are needed to be considered.

### Nominations for membership

<b>Candidate</b>	<b>Institution</b>	<b>Sponsor</b>
ERIC DONNY	Univ. of Pittsburgh	Kenneth A. Perkins, Ph.D.
JEFFERY KIRK	Univ. of Chicago	Harriet de Wit, Ph.D.
STEPHEN WACHTEL	Univ. of Chicago	Harriet de Wit, Ph.D.
ANDREW MORRAL	Allegheny Univ. of Hlth Sci.	Richard J. Lamb, Ph.D.

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## 1997 TRAVEL AWARD: STUDENT PAPER COMPETITION

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### Student Travel Award

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 present a paper at ISGIDAR. Payment will be made upon submission of travel receipts to the ISGIDAR Treasurer. Those who do not receive the award, but who 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, 1992).

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, methodology and clarity. Blind review is

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

Submit manuscripts to

R. J. Lamb  
DART (MS 984)  
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Medical College of Pennsylvania and  
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Broad & Vine Streets  
Philadelphia, PA 19102  
DEADLINE FOR SUBMISSION: May 1, 1997

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## POST-DOCTORAL POSITIONS AND FELLOWSHIPS

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### MEDICAL COLLEGE OF VIRGINIA, DEPARTMENT OF

PHARMACOLOGY Postdoctoral research positions are available in **laboratory animal behavioral pharmacology**. Positions are possible utilizing almost any behavioral pharmacological approach to the study of the behavioral and/or neurochemical mechanisms mediating the activity of the drugs of abuse. Ongoing studies utilize mice, rats, squirrel monkeys, and rhesus monkeys in discrimination, self-administration, and other operant and respondent procedures involving all routes of systemic and central drug administration. Of particular current emphasis are studies involving the:

- pharmacology of excitatory amino acid agents
- development of medications for the treatment of drug-dependency disorders
- pharmacology of behaviorally-active inhalation agents
- development of drug relapse procedures synthesizing operant and respondent methodologies

Many opportunities exist for collaborating with other researchers in the department who have major research foci upon the stimulants and hallucinogens, cannabinoids, nicotine, and the opiates. Send vita, letter of interest, and names and telephone numbers of 2 references to: Patrick M. Beardsley, Ph.D. or Robert L. Balster, Ph.D.; Medical College of Virginia, Department of Pharmacology, P.O. Box 980613, Richmond, VA 23298-0613. (804) 828-5185.

**POST-DOCTORAL POSITION IN NICOTINE/SMOKING RESEARCH** A post-doctoral position is anticipated in nicotine/smoking research with Dr. Kenneth A. Perkins at the University of Pittsburgh. This research centers on the behavioral pharmacology of nicotine in humans. NIDA-supported projects include the relationships of nicotine discrimination and tolerance to tobacco dependence and self-administration. Applicants also interested in clinical research may become involved in smoking cessation studies. Interested candidates should send a C.V. and letter of interest to Dr. Perkins at the following address: **Kenneth A. Perkins, Ph.D.** Department of Psychiatry, University of Pittsburgh Medical Center, 3811 O'Hara Street Pittsburgh, PA 15213

**Job Opening** Research Associate, Department of Psychiatry, University of Mississippi Medical Center. Develop, implement and publish research relating to the behavioral neuropharmacology of abused drugs, particularly drug self-administration and drug discrimination in non-human primates. The relationship between in vitro or in vivo neuropharmacology and behavioral effects is of central interest. Ph.D. in pharmacology or neuroscience required. Salary commensurate with experience; could be anywhere from 0 to 3 years post-doc. Send c.v. and names of three references to: **William L. Woolverton, Ph.D.**, Department of Psychiatry and Human Behavior, The University of Mississippi Medical Center, 2500 N. State Street, Jackson, MS, 39216. EOE, M/F/D/V.

**Postdoctoral Research Fellowship in substance abuse** One position is available in a stimulating productive laboratory. Responsibilities are in the behavioral economics of drug self-administration. Applicants must have completed doctoral training in psychology or pharmacology and have research experience. Minorities are encouraged to apply. Competitive stipends. Send letters of interest, vita, and letters of reference to **Warren K. Bickel, Ph.D.**, Human Behavioral Pharmacology Laboratory, Department of Psychiatry, 38 Fletcher Place, Burlington, Vermont 05401-1419.

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## BIBLIOGRAPHY

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This is a listing of recent (within the last 12 mos) publications on drug reinforcement or on the behavioral pharmacology of drugs of abuse submitted by ISGIDAR members: RA=reprint available; IP=in press; NA=reprint not available.

**William L. Woolverton, Ph.D., Professor and Director**  
**Division of Neurobiology and Behavior Research**  
**Department of Psychiatry and Human Behavior**  
**University of Mississippi Medical Center**  
**2500 N. State Street Jackson, MS 39216**  
**phone: 601-984-5898 FAX: 601-984-5899**

1. Rowlett, J.K., Massey, B.W., Kleven, M.S. and Woolverton, W.L.: Parametric analysis of cocaine self-administration under a progressive-ratio schedule in rhesus monkeys. *Psychopharmacology* **125**: 361-370, 1996. (RA)
2. IP Woolverton, W.L.: Intravenous self-administration of cocaine under concurrent VI schedules of reinforcement. *Psychopharmacology*, **127**:195-203, 1996. (IP)
3. IP Rowlett, J.K. and Woolverton, W.L.: Assessment of benzodiazepine receptor heterogeneity in vivo: Apparent pA<sub>2</sub> and pK<sub>b</sub> analyses from behavioral studies. *Psychopharmacology*, **128**: 1-16, 1996. (IP)

**John D. Roache, Ph. D.**  
**UT Psychiatry - Houston**  
**Department of Psychiatry and Behavioral Sciences**  
**UT Mental Science Institute**  
**1300 Moursund**  
**Substance Abuse Research Center**  
**Houston, TX 77030**

1. Roache, JD, Stanley, MA, Creson, DL, Meisch, A, and Shah, NN. Diazepam reinforcement in anxious patients. *Experimental and Clinical Psychopharmacology* **4**:308-314, 1996. (RA)
2. Spiga, R. and Roache, JD. Human drug self-administration: A review and methodological critique. In: *Drug Addiction and its Treatment: Nexus of Neuroscience and Behavior*. Johnson, BA and Roache, JD (eds.) Lippincott-Raven Publishers, Philadelphia, pp. 39-71, 1997. (RA)
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**Robert L. Balster, Ph.D.**  
**Medical College of Virginia**  
**Department of Pharmacology & Toxicology**  
**P.O. Box 980613**  
**Richmond, VA 23298-0613**

1. Locke, K.W. Levesque, T.R., Nicholson, K.L. and Balster, R.L. Dexfenfluramine lacks amphetamine-like abuse potential. *Progress in Neuro-Psychopharmacology and Biological Psychiatry* **20**:1019-1035, 1996. (NA)
2. Gold, L.H. and Balster, R.L. Evaluation of the cocaine-like discriminative stimulus effects and reinforcing effects of modafinil. *Psychopharmacology* **126**:286-292, 1996. (RA)
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**John Hughes, M.D.**  
**Department of Psychiatry**  
**University of Vermont**  
**38 Fletcher Place**  
**Burlington, VT 05401-1419**

1. Bickel WK, DeGrandpre RJ, Higgins ST, Hughes JR, Badger GJ (1995): Effects of simulated employment and recreation on drug taking: A behavioral economic analysis. *Exp Clin Psychopharm* **3**:467-476.
  2. Hale KL, Hughes JR, Oliveto AH, Higgins ST (1995): Caffeine self-administration and subjective effects in adolescents. *Exp Clin Psychopharm* **3**:364-370.
  3. Hughes JR, Oliveto AH, Bickel WK, Higgins ST, Badger GJ (1995): The ability of low doses of caffeine to serve as reinforcers in humans: A replication. *Exp Clin Psychopharm***3**:358-363.
  4. Hughes JR, Oliveto AH, Higgins ST, Bickel WK, Terry SY (1996): Saying vs doing and other methodological issues in the study of human drug self-administration. *Exp Clin Psychopharm* **4**:234-238.
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## ISGIDAR BIBLIOGRAPHY SUBMISSIONS

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The pressroom of the ISGIDAR Newsletter encourages submission of recent (preferably during the last 12 months) references from its membership. References should be submitted only electronically either by diskette mailed to the address below or via email (a bin hex attachment works fine) to [PBEARDSLEY@GEMS.VCU.EDU](mailto:PBEARDSLEY@GEMS.VCU.EDU). Please send references in a format akin to JPET format. Almost any word processing file format (PC or Mac) is digestible.

Thanks,

*The Management*

For ISGIDAR BIBLIOGRAPHY SUBMISSIONS, please transmit references to:

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