

# 1998 Meeting of the International Study Group Investigating Drugs as Reinforcers

*Scottsdale Princess Hotel (Salon H), Scottsdale, Arizona  
June 13, 1998*

## **1998 ISGIDAR Officers**

*President P. M. Beardsley, Ph.D.*

*Secretary J. Zacny, Ph.D.*

*Treasurer Marilyn E. Carroll, Ph.D.*

*International Vice-President Y. Wakasa, Ph.D.*

## **8:30-9:00 REGISTRATION**

## **8:45-9:00 COFFEE & ROLLS**

**Time TBA**

**Invited Speaker : HAS OUR OBSESSION WITH ORDER AND PREDICTABILITY MADE US IRRELEVANT?** Schuster, C. R. Department of Psychiatry & Behavioral Neuroscience, School of Medicine, Wayne State University, Detroit, MI 48207

**9:05-9:30**

**EFFECT OF ABT-431, A SELECTIVE D1 AGONIST, ON SMOKED COCAINE SELF-ADMINISTRATION IN HUMANS** Haney, M., Collins, E.D., Foltin, R.W., Fischman, M.W. New York State Psychiatric Institute and College of Physicians and Surgeons of Columbia University, New York, NY, U.S.A.

**9:30-9:55**

**A CHOICE PROCEDURE FOR STUDYING ORAL AMPHETAMINE SELF-ADMINISTRATION BY BABOONS.** Foltin, R. W. New York State Psychiatric Institute and College of Physicians and Surgeons of Columbia University, New York, NY, U.S.A.

**9:55-10:20**

**EFFECTS OF REPRODUCTIVE CYCLE ON OPERANT RESPONDING FOR COCAINE AND SUCROSE.** G.S. Hecht, N.E. Spear & L.P. Spear, Dept. of Psychology and The Center for Developmental Psychobiology, Binghamton University, Binghamton, NY, 13902, U.S.

**10:20-10:45**

**REINFORCEMENT FREQUENCY AS A DETERMINANT OF DRUG CHOICE: DOES DRUG CLASS MATTER?** Karen G. Anderson and William L. Woolverton, Department of Psychiatry and Human Behavior, University of Mississippi Medical Center, Jackson, MS

**10:45-11:10**

**FIRING PATTERNS OF SINGLE NUCLEUS ACCUMBENS NEURONS IN RATS INTRAVENOUSLY SELF-ADMINISTERING COCAINE** Laura L. Peoples, Anthony J. Uzwiak, Fred Gee, and Mark O. West. Department of Psychology, Rutgers, The State University of New Jersey, New Brunswick NJ 08903

**11:10-11:35**

**EFFECTS OF SOCIAL STRESS AND THE AVAILABILITY OF AN ALTERNATIVE, NONDRUG REINFORCER ON ACQUISITION OF COCAINE SELF-ADMINISTRATION IN GROUP HOUSED CYNOMOLGUS MONKEYS.** D. Morgan, K. Grant, J. Kaplan, R. Mach, and M. Nader. Wake Forrester University School of Medicine, Dept. of Physiology and Pharmacology, Winston Salem, NC 27101

**11:35-12:00**

**NALTREXONE PRETREATMENT DECREASES THE REINFORCING EFFICACY OF ETHANOL AND SACCHARIN BUT NOT PCP OR FOOD UNDER CONCURRENT PROGRESSIVE-RATIO SCHEDULE IN RHESUS MONKEYS.** Joshua Rodefer. Department of Psychology, University of North Carolina at Chapel Hill, Chapel Hill, NC 27599-3270

**12:00-1:00 LUNCH**

**Salon G**

**1:00-1:15**

**IS FOOD-MAINTAINED BEHAVIOR THE APPROPRIATE CONTROL FOR DETERMINING SELECTIVITY OF PHARMACOTHERAPY?** Marilyn E. Carroll, Ph.D. and Una C. Campbell, Ph.D. University of Minnesota, Department of Psychiatry, Minneapolis, MN 55455

**1:15-1:40**

**REINFORCING EFFECTS OF CAFFEINE, EPHEDRINE AND THEIR BINARY COMBINATION IN RATS.** Richard J. Briscoe. University of Michigan Medical School, Dept. of Pharmacology, Ann Arbor, MI 48109-0632

**1:40-2:05**

**INDIVIDUAL DIFFERENCES IN BIPHASIC EFFECTS OF ETHANOL.** Louis Holdstock and Harriet de Wit. The University of Chicago, Dept. of Psychiatry, Chicago, IL 60637.

2:05-2:30

**MEASURES OF THE ORAL REINFORCING EFFECTS OF DRUGS IN RHESUS MONKEYS.** James H. Woods and Jeffrey Vivian. University of Michigan Medical School, Dept. of Pharmacology, Ann Arbor, MI 48109-0632

2:30-2:55

**E PLURIBUS UNUM OR E UNUM PLURIBUS? REINFORCEMENT AND ITS MEASUREMENT** Warren K. Bickel, Gregory J. Madden, and Eric Jacobs. University of Vermont, Burlington, VT 054001

**3:00-3:15 COFFEE BREAK**

3:15-3:30

**RELATIVE REINFORCING EFFECTS OF DRUGS ASSESSED BY PERSISTENCE AND PREFERENCE.** Richard A. Meisch, M.D., Ph.D., Ralph Spiga, Ph.D., and Mitchell J. Macenski, Ph.D. Dept. of Psychiatry & Behav. Science, University of Texas, Houston, TX 77030

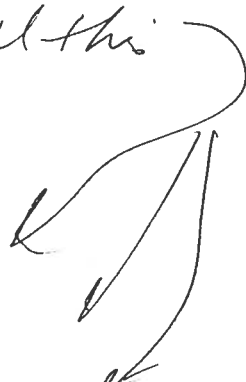
3:30-3:55

**MEASUREMENT OF RELATIVE REINFORCING EFFICACY OF DRUGS OF ABUSE USING THE METRIC OF RESPONSE OUTPUT.** William L. Woolverton, Ph.D., Department of Psychiatry and Human Behavior University of Mississippi Medical Center, Jackson, MS; James K. Rowlett, Ph.D. Harvard Medical School, New England Regional Primate Research Center, Southborough, MA

3:55-4:20

**INVITED COMMENTARY ON, "MEASURING THE REINFORCING EFFICACY OF DRUGS".** Peter R. Killeen, Ph.D. Arizona State University, Tempe, AZ 85287

**4:30 (estimated)-5:00 BUSINESS MEETING**

- Definition of - SR : do lab studies capture all this
- work to get again
  - Persist despite withdrawal
  - Persist thru problems
  - how much still when SR is
  - want it now
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SR

# Additivity hypothesis



Dose

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