

Stephen J. Kohut

Psychopharmacology Laboratory
Department of Psychology
American University
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EDUCATION

American University, Washington, D.C.
Doctoral Candidate (Behavior, Cognition, and Neuroscience)
Advisor: Anthony L. Riley

Loyola College in Maryland, Baltimore, MD
M.S. in Clinical Psychology, September 2005

La Salle University, Philadelphia, PA
B.A. in Psychology, May 2003
Minor in English

RESEARCH EXPERIENCE

American University, Washington, DC
Department of Psychology, Psychopharmacology Laboratory
Graduate Student with Dr. Anthony L. Riley August 2005 – Present

National Institute on Drug Abuse (NIDA-IRP), Baltimore, MD
Office of the Clinical Director, Intra-mural Research Program
Guest Researcher with Dr. Michelle Leff January 2005- July 2005

The Johns Hopkins School of Medicine, Baltimore, MD
Department of Psychiatry and Behavioral Sciences
Research Associate with Dr. Nancy A. Ator August 2003 – Present

Albert Einstein Medical Center, Philadelphia, PA
Department of Research and Technology Development
Laboratory Intern with Dr. Ellen A. Walker May 2002 – May 2003

TEACHING EXPERIENCE

The George Washington University
PSYC015- Introduction to Biological Psychology (F2006, Sp2007, F2007)
PSYC118- Advanced Neuropsychology (Sp2007)

American University
PSY115- Psychology as a Natural Science, Laboratory Section (F2005, Sp2006,
Su2006, F2006)

PROFESSIONAL ORGANIZATIONS

American Psychological Association (APA) Student Affiliate
Eastern Psychological Association (EPA)
Mid-Atlantic Pharmacological Society (MAPS)
Society for Neuroscience (SfN)
Society for the Stimulus Properties of Drugs (SSPD)
The American Society for Pharmacology and Experimental Therapeutics (ASPET) – Student Member

BEHAVIORAL TECHNIQUES

Antagonist Precipitated Withdrawal
Conditioned Place Preference (CPP)
Conditioned Taste Aversion (CTA)
Drug Discrimination
Forced-Swim Test
Intravenous Drug Self-Administration
Schedule-Controlled Responding
Schedule-Induced Polydipsia

BIOLOGICAL TECHNIQUES

Cannulae Implantation
Chronic Catheter Implantation
Immunocytochemistry
Ovariectomy
Perfusion
Rat Blood Withdrawal

INVITED PUBLICATIONS/SPECIAL ISSUES

Kohut SJ, Ator, NA. (*in press*) Novel discriminative stimulus effects of TPA023B, subtype-selective γ -aminobutyric-acid_A/benzodiazepine modulator: comparisons with zolpidem, lorazepam, and TPA023. *Pharmacology, Biochemistry and Behavior*.

JOURNAL ARTICLES

Kohut SJ, Roma PG, Davis CM, Dominguez JM, Riley AL. Fos expression after chronic cocaine administration in differentially reared male and female rats as adults. *Manuscript submitted for review*.

Roma PG, Davis CM, **Kohut SJ**, Huntsberry M, Riley AL. Early maternal separation and the aversive effects of amphetamine in adult rats. *Manuscript submitted for review*.

Kohut SJ, Handler SL, Hertzbach RL, Riley AL. (2007). *Schedule-induced polydipsia alters cocaine- but not ethanol-induced suppression of saccharin consumption*. *Drug and Alcohol Dependence*, 91: 18-21.

Kohut SJ, Ator, NA. *Discriminative Stimulus Assessment of dexetofisopam and racemic tofisopam*. Report submitted to VelaPharmaceuticals, Inc., April, 2005.

Walker EA, **Kohut SJ**, Hass RW, Brown EK, Prabandham A, Lefever T. (2005). *Selective and nonselective serotonin antagonists block the aversive stimulus properties of MK212 and m-chlorophenylpiperazine (mCPP) in mice*. *Neuropharmacology*, 49: 1210-1219.

INVITED ORAL COMMUNICATIONS

Kohut SJ, Riley AL (2007, June). Cocaine discrimination in maternally separated and handled pups as adults. Oral communication presented at the 69th Annual meeting of the College on Problems of Drug Dependence, Quebec City, Canada.

Kohut SJ, Ator NA (2006, June). Characterization of L-891,190, a novel GABAergic compound. Oral communication presented at the 68th Annual meeting of the College on Problems of Drug Dependence, Scottsdale, AZ.

Freeman KB, Kearns DN, **Kohut SJ**, Riley, AL. (2006, June). Differential Patterns of Cocaine Self-Administration Under Extended Access Conditions in Fischer and Lewis Rats. Oral communication presented at the International Study Group Investigating Drugs as Reinforcers (ISGIDAR) annual meeting, Scottsdale, AZ.

ABSTRACTS AND POSTER PRESENTATIONS

Handler SL, **Kohut SJ**, Riley AL. (2007, June) *Ethanol and LiCl induced-suppression of schedule-induced polydipsia*. Poster session to be presented at the 65th Annual meeting of the College on Problems of Drug Dependence, Quebec City, Canada.

Kohut SJ, Hertzbach RL, Handler SL, Riley AL. (2006, October) *Differential effects of cocaine and LiCl on schedule-induced polydipsia*. Poster session presented at the Society for Neuroscience annual meeting in Atlanta, GA.

Freeman KB, Kearns DN, **Kohut SJ**, Riley AL. (2006, June) *Assessment of extended-access cocaine self-administration on drug intake and breakpoints maintained by food and cocaine in the LEW rat strain*. Poster session presented at the 64th Annual meeting of the College on Problems of Drug Dependence, Scottsdale, AZ.

Kohut SJ, Hass RW, Walker EA (2003, May). *Atypical antidepressants block the aversive stimulus properties of serotonin agonist MK212 in mice*. Poster session presented at the 15th Annual Research Recognition Day, Albert Einstein Medical Center.

Sterious SN, Brown EK, Schneider A, **Kohut SJ**, Walker EA (2003, May). *Negative intrinsic efficacy as a predictor of precipitated morphine withdrawal by opioid antagonists in mice*. Poster session presented at the 15th Annual Research Recognition Day, Albert Einstein Medical Center.

Kohut SJ, Hass RW, Walker, EA (2003, March). *Pharmacological investigation of the aversive stimulus properties of serotonin agonist MK212*. Poster session presented at the annual meeting of the Eastern Psychological Association, Baltimore, MD.

Hass, RW, **Kohut, SJ**, Walker, EA (2003, March). *Chronic treatment with serotonin agonists and antagonists produces tolerance and sensitization to the rate-decreasing effects of m-chloropiperazine (mCPP) in rats*. Poster session presented at the annual meeting of the Eastern Psychological Association, Baltimore, MD.

Plachta CR, **Kohut SJ**, Hass R, Falcone AM, Brown EK, Walker EA (2002, September). *Rate-decreasing effects of 5-HT_{2C} compounds in mice and rats*. Poster session presented at the annual meeting of the Mid-Atlantic Pharmacology Society, Wilmington, DE.

Sterious SN, Brown EK, Falcone AM, Hass R, **Kohut SJ**, Schneider A, Walker EA (2002, September). *Comparison of naloxone, naltrexone, nalorphine, and diprenorphine as precipitators of opioid withdrawal in mice*. Poster session presented at the annual meeting of the Mid-Atlantic Pharmacology Society, Wilmington, DE.