

VITA

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- Signature Interdisciplinary Program in Neuroscience
- Frontiers in Neuroscience-Associate Editor

AdHoc Grant Reviewer/Federal Advisory Committees:

- NIDAK: The training and career development Review Group
- National Science Foundation
- Tourette's Syndrome Association Permanent Research Fund Grant Proposal
- Women in Neurosciences
- Biobehavioral Regulation Learning and Ethology Review Group
- NIDA Special Emphasis Review Panel
- NIAAA Special Emphasis Review Panel
- BRLE NIH Study Section 2011
- Brain Disorders and Clinical Neuroscience Review Panel (NIH 13.7 (i)-13.13.6 (n)4G)13.6 (ra)1 1ecacalc6ierc holra1

Intramural Grants

- Research and Creative Scholarship Grant (1993) \$7,500
- Research and Creative Scholarship Grant (1998) \$7,500
- USF College of Medicine Signature Program in Neuroscience (2007) \$8,000
- USF Division of Sponsored Research Grant Writing Course (2007) \$10,000

Extramural Grants

Foundation Grants

- Arts and Sciences (A&S) Senior Staff (2006-2012)
- USF Budget Advisory Task Force (2007-present)
- CAS Advisory Council (2006-present)
- IISC Steering Committee (2007-present)
- Initial Inquiry of Research Misconduct (2007-present)
- Judge Undergraduate Research Symposium (2008-present)
- A&S Chairs Steering Committee (2006-present)
- Academic Affairs Planning Group (2007-2012)
- AIST Steering Committee (2007-present)
- Psychology Tenure and Promotion Committee (2007-2010)
- Director of Division of Research and Innovation Search Committee (2008)
- Integrated Interdisciplinary Inquiry Task Force (2008)
- Chair- Integrated Interdisciplinary Inquiry Subcommittee for Research and Scholarship (2008)
- Associate Dean for Research-College of Behavioral and Community Sciences
- Search Committee-(2008)
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- Basic Neurochemistry (G)
- Topics in Neuroscience Seminar (G/UG)

Student Trainees/Committees:

PhD students (graduated):

- Rex Montgomery Philpot, Ph.D. Assistant Professor, USF College of Medicine
- Alba Rodriguez, Ph.D. Research Associate, Henry Ford Hospital
- Mary Newman, Ph.D. Postdoctoral Fellow, Pharmacology, Rush University Medical Center
- Kirstie Stansfield, Ph.D. , Senior Scientist at InVitro Cell Research
- Kim Bjudstad, Ph.D. Associate Professor, University of Colorado
- Kim Badanich, Ph.D., Instructor level 3, USF Sarasota-Manatee
- Briony Catlow, Ph.D., Associate Director, Knoebel Institute for Healthy Aging
- Antoinette Maldonado-Devincci -Assistant Professor, North Carolina A&T State University
- Jessica Hoffman-Postdoctoral Fellow, University of North Carolina at Chapel Hill

MA students (graduated):

- Tyra Dark, M.A. Postdoctoral Fellow, USF College of Public Health
- Leila Amiri, M.A Director of Advising, USF College of Arts and Sciences
- Emily Guion, M.A. Biology Professor

Dissertations: * denotes completion ** denotes my students: completed

Susan Tenzer *
Marty Factor*

Gayle Freedman*
Tammy Nygren*

Alba Rodriguez *
Blane Crandall (Biology)*

Briony Catlow **
Joshua Halonen**
Laura Bullard **

Leilani Kellog**
Ashlee Carter**

Antoniette Maldonado**
Jessica Hoffman**

Undergraduate Honors: * denotes completion, ** denotes my student completed

Jill Cameron **

Karl Hoffman *

Ben Hagendorf **

Invited Symposia

- NIAAA sponsored symposium: Research Society on Alcoholism, San Francisco California , July, 2002
- New York Academy of Sciences, New York, November 2003
- Twenty-eighth annual Research Society on Alcoholism Meeting, Santa Barbara, California, 2005
- Society for Neuroscience Conference, Atlanta, GA, October 2006
- Samuel B. Guze symposium on Alcoholism, St. Louis, Missouri, February, 2007.
- Dopamine 50 years Symposium in Goteborg, Sweden June 2007
- Motivational Neuronal Network Conference 2007 in Porquerolles, France May 2007
- Research Society on Alcoholism, Washington, DC June 2008
- International Society on Biomedical Research on Alcoholism, Washington, DC, June 2008
- Society for Neuroscience, Washington, D.C., November 2008
- Clinical Ligand Assay Society, International Meeting, Coral Springs, FL 2008
- Behavior, Biology and Chemistry: Translational Research in Addiction, San Antonio, Texas, March, 2009.
- Research Society for Alcoholism, San Diego, CA June 2009
- Society for Neuroscience Meeting, Chicago, IL October, 2009
- Society for Neuroscience, San Antonio, TX, June 2010
- Research Society for Alcoholism, San Diego, CA, November 2010
- USF Honors College-Discovery Class (2011, 2012, 2013)

Honors

- USF Presidential Excellence in Research Achievement Award 2004
- Behavioral response to novelty foreshadows neurological response to cocaine (K.H. Stansfield & C.L. Kirstein; 2007) NIDA Notes, 21 (2), 1.

Publications:

Kirstein, C.L. & Spear, L.P. (1988) 5HT_{1A}, 5HT_{1B} and 5HT₂ receptor agonists induce differential behavioral responses in neonatal rat pups. European Journal of Pharmacology, 150, 339-345.

Spear, L.P., Frambes, N.A., Kirstein, C.L., Bell, J., Rogers, L, Yoottanasumpun, V. & Spear, N.E. (1988) Neurobehavioral teratogenic effects of prenatal exposure to cocaine. Teratology, 37: (5), 517-518.

Spear, L.P., Kirstein, C.L. & Frambes, N.A. (1989) Cocaine effects on the developing CNS: Behavioral, psychopharmacological and neurochemical studies. Annals of the New York Academy of Sciences

Spear, N.E. (1989) Effects of prenatal cocaine exposure on behavior during the early postnatal period. Neurotoxicology and Teratology, 11 (1), 57-63.

- Amiri, L., Dark, T., Noce, K.N., & Kirstein, C. L. (1998) Odor preferences in neonatal and weanling rats. Developmental Psychobiology, 33, 157-162.
- Philpot, R.M. & Kirstein, C.L. (1999) Repeated cocaine exposure: Effects on catecholamines in the nucleus accumbens septi of periadolescent animals. Pharmacology, Biochemistry and Behavior, 62(3), 465-472.
- Donovan, D.M., Miner, L.L., Perry, M., Revay, R., Sharpe, L.G., Prezedborski, S., Philpot, R.M., Kirstein, C.L., Isenwasser, S., Rothman, R.R., Schindler, C., & Uhl, G.R. (1999) Cocaine reward and MPTP Toxicity: Alteration by regional variant dopamine transporter overexpression. Molecular Brain Research, 73 (12), 37-49.
- Bjudstad, K. B., Flitter, W. D., Garland, W. A., Philpot, R. M., Kirstein, C. L. & Arendash, G. W. (2000) CPII189 prevents apoptosis and reduces glial fibrillary acidic protein immunostaining in a TNF α infusion model for AIDS dementia complex. Journal of NeuroVirology, 6, 478-491.
- Guion, E.D. & Kirstein, C.L. (2001) The effects of water odor preference conditioning in the preadolescent nucleus accumbens septi. Developmental Psychobiology, 38, 46-55.
- Philpot, R.M., McQuown, S.C. & Kirstein, C.L. (2001) The developing nucleus accumbens: Methodological and theoretical discussion. Developmental Brain Research, 130, 149-153.
- Philpot, R.M. & Kirstein, C.L. (2001) The role of the nucleus accumbens septi in the establishment of addiction: An attentional perspective. FASEB Journal, 15 (4), A67A67, Part 1.
- Philpot, R.M., Badanich, K.A. & Kirstein, C.L. (2003) Place Conditioning: Agerelated changes in the rewarding and aversive effects of alcohol. Alcoholism: Clinical and Experimental Research, 27(4), 593-599.
- Philpot, R.M. & Kirstein, C.L. (2004) Developmental differences in the accumbal dopaminergic response to repeated ethanol exposure. Journal of Neurobiology, 61(4), 611-621.

- Torrella, T.A., Badanich, K.A., Philpot, R.M., Kirstein, C.L. & Wecker, L. (2004) Developmental differences in nicotine place conditioning. Annals of the New York Academy of Sciences, 1021, 399-403.
- Kirstein, C.L., White, A. & Frantz, K. (2004) Introduction to short papers. Annals of the New York Academy of Sciences, 1021, 323.
- Maldonado, A.M. & Kirstein, C.L. (2005). Handling alters cocaine induced activity in adolescent but not adult male rats. Physiology and Behavior, 84(2), 321-326.
- Catlow, B.J. & Kirstein, C.L. (2005) Heightened cocaine induced locomotor activity in adolescent compared to adult female rats. Journal of Psychopharmacology, 19 (5), 443-447.
- Stansfield, K.H. & Kirstein, C.L. (2005) Neurochemical effects of cocaine in adolescence compared to adulthood. Developmental Brain Research, 159, 119-125.
- Maldonado, A.M. & Kirstein, C.L. (2005) Cocaine induced locomotor activity is increased by prior handling in adolescent but not adult female rats. Physiology & Behavior, 86, 568-572.
- Stansfield, K.H. & Kirstein, C.L. (2006) The effects of novelty on behavior in adolescent versus adult rats. Developmental Psychobiology, 48(1), 10-15.
- Badanich, K.A., Adler, K.J., & Kirstein, C.L. (2006). Adolescents differ from adults in cocaine conditioned place preference and cocaine induced dopamine in the nucleus accumbens septi. Eur. J. Pharmacology, 550, 95-106.
- Catlow, B.J. & Kirstein, C.L. (2007) Cocaine during adolescence enhances dopamine in response to a natural reinforcer. Neurotoxicology and Teratology, 29, 57-65.
- Badanich, K.A., Maldonado, A.M., & Kirstein, C.L. (2007) Chronic ethanol exposure during adolescence increases dopamine in the nucleus accumbens septi during adulthood. Alcoholism: Clinical and Experimental Research, 31(5), 895-900.
- Stansfield, K.H. & Kirstein, C.L. (2007) Chronic cocaine or ethanol exposure during adolescence alters novelty related behaviors in adulthood. Pharmacology, Biochemistry and Behavior, 86, 637-642.
- Badanich, K.A., Maldonado, A.M. & Kirstein, C.L. (2008) Early adolescents show enhanced acute cocaine

- Maldonado, A.M., Finkbeiner, L.M., & Kirstein, C.L. (2008) Social interaction differentially alters voluntary alcohol intake in adolescent male rats. Alcohol 42 (8), 641-648.
- Sponaugle, A.E., Badanich, K.A. & Kirstein, C.L. (2008) Localization of stereotaxic coordinates for the ventral tegmental area in early adolescent, midadolescent and adult rats. Brain Research, 1218, p 215-223.
- Philpot, R. M., Wecker, L., & Kirstein, C.L. (2009) Repeated ethanol exposure during adolescence alters the developmental trajectory of dopaminergic output from the nucleus accumbens septi International Journal of Developmental Neuroscience 27, p 805-815.
- Catlow, B.J., Badanich, K.A., Sponaugle, A.E., Rowe, A.R., Song, S., Rafalovich, I., Sava, V., Kirstein, C.L., & Sanchez-Ramos, J. (2010) Effects of MDMA (“ecstasy”) during adolescence on place conditioning and hippocampal neurogenesis. European Journal of Pharmacology 628, p. 96-103.
- Maldonado-Devincci, A.M., Badanich, K.A., and Kirstein, C.L. 2010. Alcohol during adolescence selectively alters immediate and long-term behavior and neurochemistry. Alcohol, 44(1), 57-66. PMC4199380
- Maldonado-Devincci, A.M., Alipour, K.K., Michael, L.A., and Kirstein, C.L. 2010. Repeated binge ethanol exposure during adolescence enhances voluntary ethanol intake in adulthood in male and female rats. Pharmacology, Biochemistry and Behavior, 96(4), 476-487. PMC4197847
- Badanich, K. A. & Kirstein, C. L. (2012) Cocaine-induced Reinstatement of a Conditioned Place Preference in Developing Rats: Involvement of the D2 Receptor. Brain Sci. 2012, 2(4), 573-588.
- Maldonado-Devincci, A.M., Stevens Jr., S.M., and Kirstein, C.L.(2012) Investigation of age-specific behavioral and proteomic changes in an animal model of chronic ethanol exposure. In Kobeissy, F.H.(Ed.),Psychiatric Disorders: Methods and Protocols. Methods in Molecular Biology vol 829 (pp. 471-485). Totowa, NJ: Humana Press Inc. NIHMSID634288
- Catlow, B.J., Song, S., Paredes, D.A., Kirstein, C.L. and Sanchez-Ramos, J. (2013) Effects of psilocybin on hippocampal neurogenesis and extinction of trace fear conditioning. Experimental brain research, 229 (4), 481-491.
- Catlow, B.J., Badanich, K.A., Sponaugle, A.E., Rowe, A.R., Song, S., Rafalovich, I., Sava, V., Kirstein, C.L. and Sanchez-Ramos, J. (2010) Effects of MDMA (‘ecstasy’) during adolescence on place conditioning and hippocampal neurogenesis. European Journal of Pharmacology, 628 (1-2), 96-103.
- Badanich, K.A. & Kirstein, CL. (2012) Cocaine-induced reinstatement of a conditioned place preference in developing rats: involvement of the d2 receptor. Brain Sciences, 2(4), 573-588.
- Maldonado-Devincci, A.M., Stevens, S. & Kirstein, CL. (2012) Investigation of age-specific behavioral and proteomic changes in an animal model of chronic ethanol exposure. Psychiatric

Psychiatric Disorders: Methods
proteomic changes in an animal
) *Methods in Molecular Biology*.

, L.A., and Kirstein, C.L. (under
long-term changes after cocaine
Psychopharmacol

substance abuse. *Contemporary*

(submitted) Adolescent male, but
with an alcohol intoxicated peer.

conditioning on the preadolescent

cocaine exposure on behavioral

place conditioning and nucleus
Brain Research.

ence Behavior Correlb248e

- Dersch, C., Philpot, R.M., Kirstein, C.L. & Uhl, G.R. Dopamine Transporter Overexpression alters Psychostimulant and Neurotoxin Responses. Society for Neuroscience, Washington, D.C. 1996.
- Philpot, R.M., Dark, T., Guion, E. & Kirstein, C.L. Early Olfactory Learning: Cocaine Induced Odor Preference. Society for Neuroscience, Washington, D.C. 1996.
- Noce, K.M., Amiri, L., Dark, T.L. & Kirstein, C.L. Effects of Olfactory Conditioning Established by Ethanol on Neurochemical Responses of the Olfactory Bulb. Society for Neuroscience, New Orleans, LA 1997.
- Philpot, R. M. & Kirstein, C. L. Effects of Olfactory Conditioning Established by Cocaine on Neurochemical Responses of the Olfactory Bulb to Conditioned Stimuli. Society for Neuroscience, New Orleans, LA 1997.
- Donovan, D.M., Miner, L.L., Perry, M., Revay, R., Sharpe, L.G., Prezedborski, S., Kostic, V., Philpot, R.M., Kirstein, C.L., Rothman, R.R., Schindler, C., & Uhl, G.R. Cocaine reward and MPTP

- Guion, E.D. & Kirstein, C. L. The effects of natural reinforcers during development. Society for Neuroscience, New Orleans, LA, 657.13, 2000.
- McQuown, S.C., Philpot, R.M. & Kirstein, C. L. Neuroanatomical localization of the nucleus accumbens septi during development. Society for Neuroscience, New Orleans, LA 657.14, 2000.
- Kirstein, C.L., Badanich, K.A. & Philpot, R.M. Alcohol and place conditioning during adolescence. Society for Neuroscience, San Diego, CA 539.1, 2001.
- Husband, S., Philpot, R.M., Mitchell, S., Badanich, K. & Kirstein, C.L. Transitions in novelty - preference behavior across development. Society for Neuroscience, San Diego, CA 956.6, 2001.
- Philpot, R.M., Kirstein, C.L. & Willott, J.F. Striatal dopamine, startle and prepulse inhibition in several inbred strains of mice. Society for Neuroscience, Orlando, FL 782.2, 2002.
- Kirstein, C.L., Badanich, K.A., Balda, M.A., & Philpot, R.M. Adolescents are uniquely affected by alcohol: In vivo microdialysis of the nucleus accumbens septi. Society for Neuroscience, Orlando, FL 105.10, 2002.
- Badanich, K.A., Balda, M.A., Kirstein, C.L. & Philpot, R.M. Effects of acute and repeated nicotine administration on accumbal dopamine in the adolescent rat. Society for Neuroscience, Orlando, FL 811.14, 2002.
- Badanich, K.A., Philpot, R.M. & Kirstein, C.L. Accumbal dopamine increases differ in early and late adolescent rats. International Society for Developmental Psychobiology, Orlando, FL 2002.
- Kirstein, C.L., Badanich, K.A., Balda, M.A. & Philpot, R.M. Mesolimbic dopamine responsiveness during development. Dopamine, Portland, OR 2002.
- Philpot, R.M., Torrella, T., Kirstein, C.L. & Wecker, L. Developmental differences in the rewarding effects of nicotine. Society for Neuroscience, New Orleans, LA 322.12, 2003.
- Stansfield, K.H., Philpot, R.M. & Kirstein, C.L. Novelty preference and neurochemical correlates in developing animals. Society for Neuroscience, New Orleans, LA 420.16, 2003.
- Badanich, K.A. & Kirstein, C.L. Cocaine induced conditioned place preference and accumbal dopamine release in the developing rat. Society for Neuroscience, New Orleans, LA 420.18, 2003.
- Catlow, B.J., Paredes, D.A. & Kirstein, C.L. Cocaine induced behavioral sensitization in adolescent and adult female rats. Society for Neuroscience, New Orleans, LA 854.6, 2003.
- Vila, J.L., Philpot, R.M. & Kirstein, C.L. Age and sex related differences in locomotor activity. Society for Neuroscience, New Orleans, LA 854.1, 2003.

- Badanich, K.A. & Kirstein, C.L. Nicotine induced dopamine release in the adolescent and adult rat. New York Academy of Sciences, Adolescent Brain Development: Vulnerabilities and Opportunities. New York, N.Y. 2003.
- Maldonado, A.M. & Kirstein, C.L. Cocaine induced locomotor activity is enhanced after handling in adolescent but not adult rats. Society for Neuroscience, San Diego, CA 118.7, 2004.
- Catlow, B.J. & Kirstein, C.L. Cocaine pretreatment in adolescence and adult female rats: Resulting behavioral sensitization and effects of mecamylamine. Society for Neuroscience, San Diego, CA 122.10, 2004.
- Badanich, K.A. & Kirstein, C.L. Basal extracellular dopamine concentrations in the adolescent and adult rat: Quantitative microdialysis under transient conditions. Society for Neuroscience, San Diego, CA 466.17, 2004.
- Maldonado, A.M. & Kirstein, C.L. Cocaine induced locomotor activity is enhanced after handling in adolescent but not adult rats. Society for Neuroscience, San Diego, CA 118.7, 2004.
- Philpot, R.M. & Kirstein, C.L. Developmental differences in accumbal dopaminergic responses to ethanol challenge. Society for Neuroscience, San Diego, CA 616.14, 2004.
- Stansfield, K.H. & Kirstein, C.L. Impulsivity in the adolescent rat. Society for Neuroscience, San Diego, CA 780.11, 2004.
- Woodson, J.C., Catlow, B.J. & Kirstein, C.L. An evaluation of rodent estrus monitor impedance probe accuracy by comparison with human ratings from visualized manual swabs reveals disagreements that vary across age. Society for Neuroscience, San Diego, CA 997.9, 2004.
- Badanich, K.A., & Kirstein, C.L. Cocaine induced place conditioning and extracellular dopamine concentrations in the adolescent and adult rat. Society for Neuroscience, Washington, D.C., 2005.
- Stansfield, K.H. & Kirstein, C.L. Neurochemical effects of cocaine in low and high responders to novelty in adolescence compared to adulthood. Society for Neuroscience, Washington, D.C. 1029.13, 2005.
- Maldonado, A.M. & Kirstein, C.L. Handling uniquely affects cocaine induced locomotor activity in adolescent but not adult female rats. Motivational Neuronal Network Meeting, Clearwater, FL, 2005.
- Maldonado, A.M. & Kirstein, C.L. The effect of repeated high and moderate dose adolescent ethanol administration on ethanol induced locomotor activity in female rats. Twenty-eighth Annual Research Society on Alcoholism Meeting, Santa Barbara, CA, 2005.
- Maldonado, A.M. & Kirstein, C.L. Voluntary alcohol consumption is higher in adolescent versus adult rats using a limited access paradigm. Thirty-fifth Annual Society for Neuroscience Meeting,

Washington, D.C., 2005.

Maldonado, A.M. & Kirstein, C.L. Adolescent ethanol administration has lasting effects on locomotor activity in adult female rats. Thirty-eighth Annual International Society of Developmental Psychobiology Meeting, Washington, D.C., 2005.

adult female rats show different proactive and reactive coping strategies following chronic intermittent alcohol exposure. Thirtieth Annual Research Society on Alcoholism Meeting, Chicago, IL, July, 2007.

Finkbeiner, L.M., Maldonado, A.M & Kirstein, C.L. Ethanol intake in adolescent rats following different social interactions. Thirtieth Annual Research Society on Alcoholism Meeting, Chicago, IL, July, 2007.

Badanich, K.A., Maldonado, A.M. & Kirstein, C.L. Chronic ethanol exposure during adolescence increases basal dopamine in the nucleus accumbens septi during adulthood. Thirtieth Annual Research Society on Alcoholism Meeting, Chicago, IL, July, 2007.

Maldonado, A.M., Finkbeiner, L.M., Ortega, D.M., Alipour, K.K. & Kirstein, C.L. Nicotine differentially alters voluntary alcohol intake in adolescent and adult male rats. Thirty-seventh

February, 2008.

- Stansfield, K.H., & Kirstein, C.L. Enduring changes in reward mechanisms after development exposure to cocaine: the role of the D2 receptor. Society for Neuroscience, Washington, D.C., November, 59.30, 2008.
- Badanich, K.A. & Kirstein, C.L. Reinstatement of cocaine place conditioning in developing rats and the involvement of dopamine and D2 receptors in the mesolimbic pathway: Differences between high and low responders for cocaine reward. Society for Neuroscience, Washington, D.C., November, 59.20, 2008.
- Alipour, K.K., Maldonado, A.M. & Kirstein, C.L. Adult female rats consume more ethanol than male rats following repeated binge ethanol exposure during adolescence. Society for Neuroscience, Washington, D.C., November, 257.7, 2008
- Maldonado-Devincci, A.M. & Kirstein, C.L. Binge ethanol during adolescence increases sweetened voluntary ethanol, but not saccharin, intake in young adulthood in male and female rats. Behavior, Biology and Chemistry: Translational Research in Addiction conference, San Antonio, Texas, March, 2009.
- Maldonado-Devincci, A.M., Patel, N.H., Martinez, N. C., & Kirstein C.L. Chronic ethanol exposure increases voluntary sweetened ethanol intake in a dose-dependent manner in adolescent-exposed relative to adult-exposed female rats. Society for Neuroscience, Chicago, IL, October 19, 2009, 445.2/T5.
- Santos, S. M., Maldonado-Devincci, A.M., Hennessey, M. K., & Kirstein, C.L. Social interaction with an alcohol intoxicated or cocaine-injected peer: social behaviors and voluntary alcohol consumption in male and female adolescent rats. Society for Neuroscience, San Diego, CA, November 13, 2009, S17124.
- Kirstein, C. L., Michael, L. A., Kellogg, S. L., & Maldonado-Devincci, A. M. Effects of Alcohol in Adolescence: Sex Differences and Social Influences (2010) Alcoholism-Clinical and Experimental Research, Vol. 34, 284A.
- Maldonado-Devincci, A. M., Patal, N. H., Martinez, N. C., & Kirstein, C. L. Ethanol Intake is Selectively Increased in Adulthood Following Chronic Ethanol Exposure During Adolescence in Male and Female Rats (2010) Alcoholism-Clinical and Experimental Research, Vol. 34, 204A.
- Maldonado-Devincci, A. M., Patal, N. H., Martinez, N. C., & Kirstein, C. L. Ethanol Intake is Selectively Increased in Adulthood Following Chronic Ethanol Exposure During Adolescence in Male and Female Rats (2010) Alcoholism-Clinical and Experimental Research, Vol. 34, 204A.
- Badanich, K. A., Maldonado, A. M. & Kirstein, C. L. Chronic Ethanol Exposure During Adolescence Increases Basal Dopamine in the Nucleus Accumbens Septi During Adulthood. (2010) Alcoholism-Clinical and Experimental Research, Vol. 34, 279A.

Uruena, A. R. and Kirstein, C. L. Ethanol attenuation of cocaine place preference in adult but not adolescent rats: the role of NMDA receptor antagonist MK-801 (in prep).

Uruena, A. R. and Kirstein, C. L. Modeling polysubstance abuse in adolescence: the role of dopamine and glutamate interactions in alcohol/cocaine reward (in prep).

Yu J,

adolescent and adult rats. Poster. 36th Annual Research Society on Alcoholism, Orlando, FL., June 2013.

Hoffman, J. Philpot, R., & Kirstein, C. (June 2014). Corticosterone response to the route of ethanol administration in adolescent and adult animals. Poster *to be* presented at Society for Neuroscience National Conference, Washington D.C.

Hoffman, J.

Kirstein, C.L., Leder, R., Schwalb, R.L., Heydayat, B. & Spear, L.P. Psychopharmacological manipulations of 5HT_{1A}, 5HT_{1B} and 5HT₂ receptor subtypes induce specific behaviors in neonatal rat pups. Eastern Psychological Association, Buffalo, NY, 1988.

Spear, L.P., Specht, S.M., Frambes, N.R. & Kirstein, C.L. Early functional roles of nascent neurotransmitter systems during development: Serotonin and ingestion related behaviors. NIMH Conference on Molecular Neurobiology, Santa Barbara, CA, 1988.

Spear, L.P., Kirstein, C.L., Frambes, N., Bell, J., Rogers, L., Yootanasumpun, V. & Spear, N.E. Neurobehavioral teratogenic effects of prenatal exposure to cocaine. Behavioral Teratology Society, Palm Springs, FL, 1988.

Spear, L.P., Frambes, N., Kirstein, C.L., Bell, J., Rogers, L., Yootanasumpun, V. & Spear, N.E. Chronic cocaine exposure in a rat model of prenatal cocaine exposure. Behavioral Teratology Society, Palm Springs, FL, 1988.

New York Academy of Sciences, New York City, NY, 1989.

Yevstigneyeva, V.M., Maldonado-Devincci, A.M., Hennessey, M.K., & Kirstein, C.L. Social contact and social investigation with an alcohol-intoxicated peer mediate greater alcohol consumption in adolescent, but not male rats. University of South Florida Neuroscience Research Day, Tampa General Hospital, Tampa, Florida, March, 2009.

Chapman, C.B., Maldonado-Devincci, A.M., & Kirstein, C.L. Motor response to acute ethanol exposure in adolescent rats. Behavior, Biology and Chemistry: Translational Research in Addiction conference, San Antonio, Texas, March, 2009.

Maldonado-Devincci, A.M., Levie, K.E., Alipour, K.K. & Kirstein, C.L. Voluntary sweetened ethanol intake is increased in young adulthood following binge ethanol treatment during adolescence in male and female rats. Thirty-second annual Research Society on Alcoholism meeting, San Diego, California, June, 2009.

Maldonado-Devincci, A.M., Hennessey, M.K., Yestigneyeva, V.M., Fogel, R.M. & Kirstein, C.L. Social interaction with an alcohol-intoxicated, but not a cocaine-injected, peer alters alcohol intake and social behaviors in adolescent female rats. Thirty-second annual ReformRe13.7 ()TJ0.015 27

Amante, R. A., Raudales, Jr., R., Maldonado-Devincci, A.M., Michael, L. A. & Kirstein, C. L. Age-related differences in novelty seeking and repeated cocaine during adolescence and adulthood in male rats. Fortieth Annual Society for Neuroscience Meeting, San Diego, CA, November, 2010.

Micheal, L.A., Maldonado-Devincci, A.M. & Kirstein, C.L. Binge alcohol exposure during adolescence alters alcohol consumption in adulthood as a function of the estrous cycle. Fortieth Annual Society for Neuroscience Meeting, San Diego, CA, November, 2010.

Santos, S.M., Maldonado-Devincci, A.M., Hennessy, M.K. & Kirstein, C.L. Social interaction with an alcohol intoxicated or cocaine-injected peer: Social behaviors and voluntary alcohol consumption in male and female adolescent rats. Fortieth Annual Society for Neuroscience Meeting, San Diego, CA, November, 2010.

Maldonado-Devincci, A.M., Donaldson, E., Patel, N.H., Martinez, N.C., Mathew, J.K., Lopez, S., Michael, L.A., Raudales, Jr., R., Santos, S.M., Patel, Y.A., Amante, R.A., & Kirstein, C.L. Adolescent male and female rats are predisposed to greater alcohol intake in adulthood following chronic alcohol treatment during adolescence. Fortieth Annual Society for Neuroscience Meeting, San Diego, CA, November, 2010.

Lopez, S., Maldonado-Devincci, A.M., Donaldson, E. & Kirstein, C.L. Prolonged ethanol exposure during adolescence relative to exposure during adulthood: ethanol pharmacokinetics in male and female rats. Fortieth Annual Society for Neuroscience Meeting, San Diego, CA, November, 2010.

Michael, L.A., Maldonado-Devincci, A.M., & Kirstein, C.L. Binge alcohol exposure during adolescence alters alcohol consumption in adulthood as a function of the estrous cycle. Fortieth annual Society for Neuroscience meeting, San Diego, California, November, 2010.

Santos, S.M., Maldonado-Devincci, A.M., Hennessey, M.K., & Kirstein, C.L. Social interaction with an alcohol-intoxicated or cocaine-injected peer: social behaviors and voluntary alcohol

L.A. Michael, A.M. Maldonado-Devincci & C.L. Kirstein. Differences in the effects of social stress on voluntary ethanol consumption in adulthood in male rats. To be presented at the 9th Annual Undergraduate Research Symposium, Tampa, FL, April, 2011.

Michael, L.A., Maldonado-Devincci, A.M., & Kirstein, C.L. Social stress and binge ethanol exposure during adolescence and alter voluntary ethanol consumption in adulthood in male Sprague-Dawley rats. Southeast Neuroscience Conference, St. Augustine, Florida, March, 2011.

Maldonado-Devincci, A.M. & Kirstein, C.L. Binge ethanol during adolescence: long-term dose-dependent changes in ethanol intake in adulthood in male rats. Poster to be presented at the Thirty-fourth annual Research Society on Alcoholism meeting, Atlanta, Georgia, June, 2011.

Donaldson, E., Maldonado-Devincci, A.M., & Kirstein, C.L. The long-term dose-dependent changes in ethanol intake of binge pattern ethanol exposed female rats. Poster to be presented at the Thirty-fourth annual Research Society on Alcoholism meeting, Atlanta, Georgia, June, 2011.

Mathew, J.K., Maldonado-Devincci, A.M., & Kirstein, C.L. Sex differences in adolescent male and female rats influence changes in non-spatial learning and working memory following binge ethanol treatment. Poster to be presented at the Thirty-fourth annual Research Society on Alcoholism meeting, Atlanta, Georgia, June, 2011.

Michael, L.A., Maldonado-Devincci, A.M., & Kirstein, C.L. Binge ethanol exposure during adolescence and the effects of social stress on voluntary ethanol consumption in adulthood in male rats. Poster to be presented at the Thirty-fourth annual Research Society on Alcoholism meeting, Atlanta, Ge (a)-14.a (un)41.7 (e)-1463 (, 2011.)40.9 ()TJEMC ET/Artifac/MCID 25 BDC1012

