

SCOR Pilot Projects and Investigators Funded 2002-Present

Principal Investigator Affiliate, Department	Pilot Project	Impact
Sudie Back, PhD Assistant Professor MUSC, Psychiatry	Addiction and Stress: Decreasing Stress Reactivity	<ul style="list-style-type: none"> • 3 conference presentations • 1 manuscript submission • 1 R21 submission • 1 K Award
Howard C. Becker, PhD Professor MUSC, Psychiatry	Nicotine Self-Administration in Female Mice	<ul style="list-style-type: none"> • Data collection is ongoing
Heather Bimonte-Nelson, PhD Assistant Professor, Arizona State University	Estrogen Replacement Effects on Spatial Memory	<ul style="list-style-type: none"> • 1 journal article • 2 R03 applications • 1 RO3 awarded • Gender-specific work in MUSC Aging Center
Heather Boger, PhD Post Doctoral Fellow, MUSC, Neurosciences	Gender Differences In Response to a Genetic Reduction of GDNF on the Nigrostriatal Dopamine System and Motor Function	<ul style="list-style-type: none"> • Project recently initiated
Matthew Carpenter, PhD Assistant Professor MUSC, Psychiatry	Menstrual Phase Influences on Smoking Cessation	<ul style="list-style-type: none"> • 2 conference presentations • 1 manuscript submission • 1 K Award submission • 1 RO1 submission
Eugene Chang, MD Assistant Professor MUSC, Obstetrics-Gynecology	Antioxidant Approaches to Treatment and Prevention of Preclampsia in an Animal Model	<ul style="list-style-type: none"> • 2 conference presentations • 1 journal article • 1 conference abstract under review • 1 K Award submission
William Griffin, PhD Post Doctoral Fellow MUSC, Psychiatry	The Influence of Food Restriction and Sex on Cocaine-Evoked Increases in Extracellular Dopamine in the Nucleus Accumbens of C57BL6 Mice	<ul style="list-style-type: none"> • 2 conference presentations • 1 manuscript submissions
Frances Koch, MD Post Doctoral Fellow MUSC, Pediatrics	Gender Differences in Cerebral Blood Flow and Neuro-Developmental Outcome Following Chorioamnionitis in Infants \geq 37 Weeks' Gestation	<ul style="list-style-type: none"> • 3 conference presentations • Data analysis is ongoing
Marcelo Lopez, PhD Research Specialist MUSC, Psychiatry	Sex-Related Differences in Ethanol Self-Administration and Reinstatement in C57BL/6J Mice	<ul style="list-style-type: none"> • 1 conference presentation • 1 manuscript publication • Alcohol Research Center gender-focused project

Principal Investigator Affiliate, Department	Pilot Project	Impact
Michael McCart, PhD Post Doctoral Fellow MUSC, Psychiatry	Alcohol, Arousal and Women's Judgments of Acquaintance Victimization	• Data collection is ongoing
Megan Moran-Santa Maria, PhD Post Doctoral Fellow MUSC, Psychiatry	Exploring Gender Differences in the Stress and Cue Induced Substrates of Drug Craving	• Project recently initiated
Xiang-Dang Shi, MD, PhD Post Doctoral Fellow MUSC, Neurosciences	The effect of sex differences on the phosphorylation of phosphoproteins induced by acute cocaine administration in the striatum and nucleus accumbens of rats	• Project recently initiated
Eve Spratt, MD Associate Professor MUSC, Pediatrics	Gender Differences in Autism	• 2 conference presentations • 1 journal article • Data analysis is ongoing
Lynn Veatch, PhD Research Assistant Professor MUSC, Psychiatry	Impact of Sex and Hormonal Status on Ethanol Withdrawal	• 1 conference presentation • 1 journal article • 1 manuscript submission
Angela Waldrop, PhD Assistant Professor MUSC, Psychiatry	Gender Differences in Impulsivity	• Data analysis is ongoing
TOTAL IMPACT:		
<ul style="list-style-type: none"> • 16 National presentations • 10 Manuscript submissions or publications • 6 K, RO3, or RO1 grant applications submitted or awarded 		