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EDUCATION

2014 Ph.D., Psychology, George Mason University, Fairfax, VA
2011 M.A., Psychology, George Mason University, Fairfax, VA
2008 B.S., Psychology, College of William and Mary, Williamsburg, VA

PROFESSIONAL APPOINTMENTS

2017- Present Assistant Professor, Psychology Department, St. Mary's College of Maryland, St. Mary's City, MD
2014- 2017 Postdoctoral Fellow, Psychology Department, Binghamton University, Binghamton, NY

TEACHING EXPERIENCE

St. Mary's College of Maryland

Psychological Statistics
Drugs, Brain and Behavior
Physiological and Sensory Psychology
Advanced Neuroscience Seminar

George Mason University Graduate Courses

Graduate Laboratory Methods in Biopsychology

George Mason University Undergraduate Courses

Physiological Psychology
Physiological Psychology Lab

PUBLICATIONS

Peer Reviewed Publications

Landin JD, Palac M, Carter JM, Dzumaga Y, Santerre- Anderson JL, Fernandez GM, Savage LM, Varlinskaya EI, Spear LP, Moore SD, Swartzwelder HS, Fleming RL, Werner DF. 2019. General anesthetic exposure in adolescent rats causes persistent maladaptions in cognitive and affective behaviors and neuroplasticity. *Neuropharmacology*, 150, 153-163.

Fernandez GM, Savage LM. 2017. Adolescent Binge Ethanol Exposure Alters Specific Forebrain Cholinergic Cell Populations and Leads to Selective Functional Deficits

in the Prefrontal Cortex. *Neuroscience*, 361, 129-143.

Fernandez GM, Lew BJ, Vedder LC, Savage LM. 2017. Chronic Intermittent Ethanol Exposure Leads to Alterations in Brain-Derived Neurotrophic Factor within the Frontal Cortex and Impaired Behavioral Flexibility in both Adolescent and Adult Rats. *Neuroscience*, 348, 324-34.

Fernandez GM, Stewart WN, Savage LM. 2016. Chronic Drinking During Adolescence Predisposes the Adult Rat for Continued Heavy Drinking: Neurotrophin and Behavioral Adaptation after Long- Term, Continuous Ethanol Exposure. *PloS One*, 11, e0149987.

Ehlinger DG, Bergstrom HC, Burke JC, Fernandez GM, McDonald CG, Smith RF. 2016. Adolescent nicotine-induced dendrite remodeling in the nucleus accumbens is rapid, persistent, and D1- dopamine receptor dependent. *Brain Structure & Function*, 221, 133-45.

Bergstrom HC, McDonald CG, Dey S, Fernandez GM, Johnson LR. 2013. A common spatial allocation of neurons underlies fear memory consolidation and reconsolidation in the dorsolateral amygdala. *Brain Topography*, 26, 468-78.

Invited Presentations

2018 Neuroscience Lecture Series	St. Mary's College of Maryland
Guest Lecture: Stress & the Science of Chillin'	St. Mary's College of Maryland

Web Based Publications

Fernandez GM. 2013. Research and Career Guidance for Graduate Students. American Psychological Association Psychological Science Agenda.

Fernandez GM. 2013. Dual Graduate Careers. American Psychological Association Psychological Science Agenda.

Fernandez GM. 2012. How to Collaborate Effectively with Colleagues. American Psychological Association Psychological Science Agenda.

GRANTS AND FELLOWSHIPS

2018 National Institute for Mentoring Early Minority Faculty in Neuroscience

2015 NIH Extramural Loan Repayment Award

2014 George Mason University Dissertation Completion Grant

2013 BBC: Translational Research in Addiction Conference Travel Award

2012 American Psychological Association Dissertation Research Award

CONFERENCE ACTIVITY

Symposia Organized

Breaking the Academic Mold: Nontraditional Career Options, American Psychological Association. 2013.

Selected Presentations

- Toledo Nunes P, Fernandez GM, Hall JM, Savage LM. 2018. Binge- type alcohol exposure during adolescence alters septohippocampal functioning as rats age. Society for Neuroscience.
- Fernandez GM, Savage LM. 2017. Adolescent Binge Ethanol Exposure Alters Specific Forebrain Cholinergic Cell Populations and Results in Cognitive Flexibility Deficits. Society for Neuroscience.
- Fernandez GM, Savage LM. 2016. Lack of a Functional Hippocampal Cholinergic Deficit Following Adolescent Chronic Ethanol Exposure. 6th Annual Aspen Brain Forum.
- Fernandez GM, Lew B, Stewart WN, Savage LM. 2015. Behavioral and Neural Consequences of Chronic versus Binge Ethanol Treatment: A Profile of Rodent Models of Adolescent and Adult Ethanol Exposure. Research Society on Alcoholism.
- Fernandez GM, Ehlinger DG, Bergstrom HC, McDonald CG, Smith RF. 2014. The Role of Context Preference on Single Trial Nicotine Conditioned Place Preference, and the Role of Dosing Context on MAPK Activation in the Ventral Striatum. Society for Neuroscience.
- Fernandez GM, Bergstrom HC, McDonald CG, Smith RF. 2013. The role of innate anxiety-like Behavior, age and MAPK signaling on one-trial nicotine conditioned place preference. Society for Neuroscience.
- Fernandez GM, Brooks- Faulconer TR, Smith RF. 2012. The effect of ERK inhibition on one-trial nicotine conditioned place preference in adolescent rats. Society of Neuroscience.
- Fernandez GM, McDonald CG, Smith RF. 2011. Can individual differences in learning predict the strength of one- trial nicotine conditioned place preference in adolescent rodents? Society for Neuroscience.
- Fernandez GM, Brielmaier JM, McDonald CG, Smith RF. 2010. Chronic adolescent nicotine exposure presents no effect on cocaine conditioned place preference induction, extinction or reinstatement. Society for Neuroscience.
- Brielmaier JM, McDonald CG, Bergstrom HC, Fernandez GM, Smith RF. 2009. Environmental novelty modulates long-term sensitization to nicotine following a single exposure in adolescence. Society for Neuroscience.

SERVICE TO PROFESSION

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| 2019 | Ad Hoc Reviewer: Genes, Brain and Behavior |
| 2019 | Ad Hoc Reviewer: PSYCLearn Introductory Statistics |
| 2017- Current | Southern Maryland Brain Bee Co- Director |
| 2011-2014 | Science Student Council, Biopsychology Representative, American Psychological Association |
| 2011-2013 | Ad Hoc Reviewer, American Psychological Association
Early Graduate Student Researcher Award |

PROFESSIONAL MEMBERSHIPS

Society for Neuroscience
Faculty in Neuroscience