Maureen E. Bowers

Curriculum Vitae

Benjamin Bldg. Office 4311 (215) 292-5403
College Park, MD 20742 mbowers1@umd.edu

EDUCATION

PhD — Neuroscience and Cognitive Science
University of Maryland, College Park, (Expected 2020)
Advisor: Nathan A. Fox, PhD

B.S. — Cell Biology & Molecular Genetics
University of Maryland, College Park (2013)
Magna Cum Laude
Honors Citation
Gemstone Program Citation and Thesis

ACADEMIC HONORS & AWARDS

2017	International Society for Developmental Psychobiology Travel Award
2017	NACS Program Travel Award
2016	University of Michigan fMRI Training Course Fellow
2015	UMD Dean's Fellowship from the Graduate School
2013	Honorable Mention for Outstanding Gemstone Thesis Presentation
2012	Sarah E. Gingrich Firebaugh Memorial Scholarship for Women in the Sciences
2013 - present	Phi Beta Kappa Honor Society
2009 - 2013	University of Maryland President's Scholarship

RESEARCH EXPERIENCE

2015 - present — Graduate Research Assistant, University of Maryland
Child Development Lab
Advisor: Nathan Fox, PhD

2013-15 — Clinical Research Assistant/Coordinator, University of Pennsylvania
Center for Interdisciplinary Research on Nicotine Addiction
Advisor: Caryn Lerman, PhD & Rebecca Ashare, PhD

2012-13 — Undergraduate Research Assistant, University of Maryland
Child Development Lab
Advisor: Erin Cannon, PhD & Nathan Fox, PhD

2011-12 — Student Employee, Army Research Laboratory
Biotechnology Branch
Advisor: Matthew Servinsky, PhD

PUBLICATIONS

Refereed Journal Articles

Miglin, R., Kable, J.W., **Bowers, M.E**., Ashare, R.L. (2017). Withdrawal-related changes in delay discounting predict short-term smoking abstinence. *Nicotine & Tobacco Research, 6(19),* 694-

702.

Ashare, R.L., Kimmey, B.A., Rupprecht, L.E., **Bowers, M.E.,** Hayes, M.R., Schmidt H.D. (2016). Repeated administration of an acetylcholinesterase inhibitor attenuates nicotine taking in rats and smoking behavior in human smokers. *Translational Psychiatry*, 6, e713.

Forthcoming Manuscripts

Troller-Renfree, S.V., Buzzell, G., **Bowers, M.E.,** Salo, V., Forman-Alberti, A., Smith, B., Papp, L., McDermott, J.M., Pine, D.S., Henderson, H.A., & Fox, N.A. (under review). Development of inhibitory control during childhood and its relations to early temperament and later anxiety. *Journal of Child Psychology and Psychiatry*

Forman-Alberti, A.B., Troller-Renfree, S.V., Buzzell, G.A., **Bowers, M.E.,** Morales, S., Drury, S.S., Degnan, K.A., Goldman, D., Hodgkinson, C. A., Gorodetsky, E., Pine, D.S., Henderson, H.A., & N.A. Fox. (under review). Additional Evidence for a Gene by Environment Interaction Predicting Social Reticence in Childhood. *Journal of Abnormal Psychology*

Bowers, M.E., Buzzell, G.A., Barker, T.V., Bernat, E.M., & Fox, N.A. (under review). Time-frequency approach to investigating changes in feedback processing in childhood and adolescence.

Bowers, M.E., Buzzell, G.A., Salo, V., Troller-Renfree, S., Hodgkinson, Goldman, D., Gorodetsky, E., Henderson, H.A. & Fox, N.A. (in prep). Relations between COMT Val108/158Met genotype and inhibitory control development in childhood.

PRESENTATIONS

Refereed Posters

Bowers, M.E., Buzzell, G.A., Barker, T.V., Bernat, E.M., & Fox, N.A. (2017, November). *The Development of Feedback Processing in Adolescence: An Electrophysiological Study.* Poster presented at the annual meeting of the International Society for Developmental Psychobiology, Washington, DC.

Bowers, M.E. & Fox, N.A. (2017, March) *Differences in reinforcement learning in sensation seekers: Predicting real-world risk behaviors.* Poster presented at the annual meeting of the Eastern Psychological Association, Boston, MA.

Ashare, R.L., **Bowers, M.E.,** Gawinowicz, B.M., Magan, R., & Kable, J.W. (2015, February). *Sex Differences in Time Perception during Smoking Abstinence*. Poster presented at the annual meeting of the Society for Research on Nicotine and Tobacco, Philadelphia, PA.

Bowers, M.E., Freyman, N., McLellan, E., Paxton, B., & Spiegel, J. (2013, April). *Video Formats Vs. Traditional Teaching: Quantifying Learning Outcomes in Introductory College Courses.* Poster presented at the annual meeting of Sloan-C Conference: Emerging Technologies for Online Learning, Las Vegas, NV.

TEACHING & MENTORSHIP EXPERIENCE

2016 - 2018	UMD Child Development Lab Advisees: Kendall Powell, Alesia Richardson
2016	EDHD221 (TA): Aggression and Violence in Everyday Life: Can Violence Be Prevented?
2013	GEMS104 (TA): Topics in Science, Technology, and Society
2012	GEMS102 (TA): Research Topic Exploration and Team Formation

COMMUNITY OUTREACH & SERVICE

2016 - 2018	NACSFest Committee Member
2017	Gemstone Program Graduate Assistant
2017 - present	NACS Student Seminar Co-Chair
2016 - present	Neuroscience Outreach Committee