

William W. Taylor

william.taylor2@emory.edu

617-990-2069

Current Position

Neuroscience PhD Student

Laney Graduate School, Emory University
Graduate Division of Biological and Biomedical Sciences (GDBBS)
August 2019-Present

Education

American University

BA, Psychology, *cum laude*

Washington, D.C.

December 2016

University College London

Student Affiliate

Department of Psychology

London, England

Spring Semester 2016

Research Positions

Postbaccalaureate Intramural Research Trainee

National Institute on Alcohol Abuse and Alcoholism
Laboratory of Behavioral and Genomic Neuroscience
Advisor: Dr. Andrew Holmes

January 2017 – April 2019

Neurosurgery Research Trainee

Harvard University/Brigham and Women's Hospital
Laboratory of Spinal Cord Injury and Stem Cell Biology
Advisor: Dr. Yang D. Teng

May - August 2016

Undergraduate Researcher

American University
Psychopharmacology Laboratory
Advisor: Dr. Anthony L. Riley

January 2015 - December 2016

Affiliate Student Researcher

University College London
Institute of Behavioural Neuroscience
Advisor: Dr. Kate Jeffery

Spring Semester 2016

Publications

Bergstrom, H. C., Lipkin, A. M., Lieberman, A. G., Pinard, C. R., Gunduz-Cinar, O., Brockway, E. T., **Taylor, W. W.**, Nonaka, M., Bukalo, O., Wills, T. A., Rubio, F. J., Li, X., Pickens C. L., Winder, D. G., Holmes, A. (2018) Dorsolateral Striatum Engagement Interferes with Early Discrimination Learning. *Cell Reports*. 23, 1-9.

Wakeford, A. G. P., Wetzell, B. B., Pomfrey, R. L., Clasen, M. M., **Taylor, W. W.**, Hempel, B. J., & Riley, A. L. (2017). The effects of cannabidiol (CBD) on Δ^9 -tetrahydrocannabinol (THC) self-administration in male and female Long-Evans rats. *Experimental and Clinical Psychopharmacology*. 25(4), 242-248.

King, H. E., Wakeford, AGP, **Taylor, W.**, Wetzell, B., Rice, K. C., and Riley, A. L. (2015) Sex Differences in 3,4-methylenedioxypyrovalerone (MDPV)-induced Taste Avoidance and Place Preferences. *Pharmacology Biochemistry and Behavior*. 137, 16-22.

William W. Taylor

william.taylor2@emory.edu

617-990-2069

Poster Presentations

Taylor, W., Nonaka, M., Tucker, L. B., Fu, A. H., Kim, Y., McCabe, J. T., Holmes, A. (2018) Changes in Fear Behavior and Myelin Structure after Blast Induced Mild Traumatic Brain Injury (mTBI). International Behavioral Neuroscience Society, Boca Raton, Florida. Poster number 52.

Taylor, W., Nonaka, M., Holmes, A. (2018) Changes in Fear Behavior and Myelin Structure after Blast Induced Mild Traumatic Brain Injury (mTBI). NIH Postbac Poster Day, Bethesda, Maryland. Poster number 134.

Nonaka, M., **Taylor, W.**, Bukalo, O., Tucker, L. B., Fu, A. H., Kim, Y., McCabe, J. T., Holmes, A. (2018) Fear Learning Deficits and Myelin-Related Structural Changes in a Blast Model of Mild Traumatic Brain Injury (mTBI). USU Amygdala, Stress and PTSD Conference, Bethesda, Maryland.

Nonaka, M., Bukalo, O., **Taylor, W.**, Postle, A., Tucker, L. B., Fu, A. H., Kim, Y., McCabe, J. T., Holmes, A. (2017) Fear Extinction Learning and Glial Function Changes after Mild Traumatic Brain Injury (mTBI) from Blast. Society for Neuroscience, Washington, D.C. Poster number 139.01

Taylor, W., Wakeford, A., Wetzel, B., Pomfrey, R., Clasen, M., & Riley. (2017) A.Delta-9-Tetrahydrocannabinol (THC) Self-Administration in Males and Female Long-Evans Rats. Behavior, Biology, and Chemistry: Translational Research in Addiction, San Antonio, Texas. Poster number 1-1.

Taylor, W., Wakeford, A., Wetzel, B., Pomfrey, R., Clasen, M., & Riley. (2016) A.Delta-9-Tetrahydrocannabinol (THC) Self-Administration in Males and Female Long-Evans Rats. Discover the Sciences at American University, Washington, D.C.

Awards and Honors

NIH Postbac Poster Day Outstanding Poster Award

May 2018

Brain, Behavior, and Chemistry Conference Travel Awardee

March 2017

NIH Postbaccalaureate Intramural Research Training Award

January 2017

Dean's list

Spring 2014 - Spring 2016

American University Dean's Scholarship

Fall 2013 - Fall 2016