**William M. Sheeran**

Boulder, CO

(425) 462-5178

william.sheeran@cuanschutz.edu

william.sheeran@colorado.edu

**Education**

**University of Colorado**, Boulder, CO

**Ph.D. Candidate, Molecular, Cellular, and Developmental Biology** Matriculated May 2020

**University of Colorado School of Medicine**, Aurora, CO

**M.D. Student, Medical Scientist Training Program** Matriculated June 2018

**University of Michigan**, Ann Arbor, MI

**M.S., Molecular, Cellular, and Developmental Biology**  April 2018

**Brown University**, Providence, RI

**Sc.B., Neuroscience** May 2016

**Research Experience**

**Graduate Student**, Departments of Molecular, Cellular and June 2019-Present

Developmental Biology and Psychology and Neuroscience

Zoe Donaldson, Ph.D., Principal Investigator

University of Colorado, Boulder

**Graduate Rotation Student**, Departments of Physiology and Biophysics June-August 2018

and Neurosurgery

Gidon Felsen, Ph.D. and John Thompson, Ph.D., Principal Investigators

University of Colorado School of Medicine

**Master’s Student**, Departments of Psychology, Neuroscience and June 2016-May 2018

Biomedical Engineering

Omar Ahmed, Ph.D., Principal Investigator

University of Michigan, Ann Arbor

**Undergraduate Student**, Center for Biomedical Engineering and May 2015-June 2016

Department of Molecular Pharmacology, Physiology and Biotechnology

Diane Hoffman-Kim, Ph.D., Principal Investigator

Brown University

**Research Intern**, Ben and Catharine Ivy Center for Advanced May-August 2011

Brain Tumor Treatment

Gregory Foltz, M.D., Principal Investigator

Swedish Neuroscience Institute

**Research Awards and Grants**

**Trainee**, NIH T32 MSTP Grant GM008497 June 2018-June 2020

(awarded to the University of Colorado Medical Scientist Training Program;

PIs: Arthur Gutierrez-Hartmann, M.D. and Jorge DiPaola, M.D.)

**Recipient**, Warren Galkin ’51 Brown Institute for Brain Science May-August 2015

Undergraduate Teaching and Research Award

**Publications**

Scribner, J.L., Vance, E., Protter, D.S.W., **Sheeran, W.M.**, Saslow, E., Cameron, R., Klein, E., Jimenez, J.C., Kheirbek, M.A., and Donaldson, Z.R. (2020). A neuronal signature for monogamous reunion. *Proceedings of the National Academy of Sciences; 117*(20), 11076-11084*.* DOI: 10.1073/pnas.1917287117

**Sheeran, W.M.**, and Ahmed, O.J. (2020). The neural circuitry supporting successful spatial navigation despite variable movement speeds. *Neuroscience and Biobehavioral Reviews; 108,* 821-833. DOI: 10.1016/j.neubiorev.2019.11.013

**Selected Conference/Symposium Presentations**

**Sheeran, W.M.,** Protter, D.S.W., and Donaldson, Z.R. Neuronal ensembles underlying monogamous behavior in nucleus accumbens. Poster presented at the 59th Annual Meeting of the American College of Neuropsychopharmacology (held remotely/online), December 2020.

**Sheeran, W.M.,** Protter, D.S.W., and Donaldson, Z.R. Neuronal ensembles underlying monogamous behavior in nucleus accumbens. Abstract accepted to be presented at Neurocircuitry of Social Behavior Meeting, Daejeon, South Korea, May 2020 [canceled due to COVID-19 pandemic].

**Sheeran, W.M.**, Felsen, G., and Thompson, J.A. Bursting Activity in Parkinsonian Basal Ganglia Neurons: A Comparison of Analysis Algorithms. Poster presented at the 34th Annual MD/PhD National Student Conference, Copper Mountain, CO, July 2019.

**Sheeran, W.M.**, Felsen, G., and Thompson, J.A. Bursting Activity in Parkinsonian Basal Ganglia Neurons: A Comparison of Analysis Algorithms. 2019 Keystone Symposia Abstracts. Poster presented at Windows on the Brain: Formation and Function of Synapses and Circuits and their Disruption in Disease Meeting, Taos, NM, January 2019.

**Professional Service/Memberships**

**Member**, Inclusion, Diversity, Equity and Advocacy Committee August 2020-Present

University of Colorado School of Medicine

Medical Scientist Training Program

**Student Member,** American Medical Association 2019-Present

**Member**, Psychiatric Student Interest Group Network August 2019-Present

University of Colorado School of Medicine

**Member**, Curriculum Reform Student Committee October 2018-Present

University of Colorado School of Medicine

Medical Scientist Training Program

**Class Representative**, Medical Scientist Training Program Student Council August 2018-Present

University of Colorado School of Medicine

**Miscellaneous Honors and Awards**

**Medical Student Council Innovations Award**, University of Colorado 2018-2019 Academic Year

School of Medicine

With Samantha Conner and Maureen Stabio, Ph.D.

Awarded for “Fostering Healthier Cultures: A Proposal for a Sustainable

Mental Health Outreach Program in Aurora Public Schools”

**Athletic Scholarship**, University of Michigan Athletic Department September 2016-April 2017

**Scholar-Athlete of the Year**, University of Michigan Track and Field 2016-2017 Academic Year

**Distinguished Scholar**, Big Ten Athletic Conference 2016-2017 Academic Year

**Academic All-Conference**, Big Ten Athletic Conference Spring 2017

**Academic All-District (x2)**, NCAA Division I, College Sports Information Spring 2016, Spring 2017

Directors of America

**Academic All-American (x3)**, NCAA Division I, U.S. Track and Field and Fall 2015, Spring 2016,

Cross Country Coaches Association Spring 2017

 **Academic All-Conference**, Ivy League Fall 2015

Last updated: 5/7/2021