

Hayden Scott

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Education

University of Kentucky (2013-2018)

B.S. Neuroscience, Minor in biochemistry *cum laude*

University of Rochester (2018-present)

M.A. Brain and Cognitive Sciences (2018-2020)

Ph.D. Brain and Cognitive Sciences (2020-present)

Advisor: Adam C. Snyder

Thesis Committee: Jude Mitchell, Krishnan Padmanabhan, Adam Snyder.

Research Experience

- 2014 - 2014 Summer Training in Alcohol Research (STAR) Fellow (PI: Craig Rush Ph.D), University of Kentucky, Lexington, KY
- 2014 - 2016 Laboratory Technician (PI: Joshua Beckmann Ph.D.), University of Kentucky, Lexington, KY
- 2016 - 2017 Independent student researcher (PI: Åsa Konradsson-Geuken Ph.D., co-PI: Erika Roman Ph.D.), Uppsala University, Uppsala, Sweden

Research Support

- R00DA033373-05 Tonic and Phasic Glutamate Release in Incentive Salience and Cocaine Reinforcement (PI: Joshua Beckmann, Role: Trainee, 2015-2016)
- R00EY025768-05 High-dimensional analysis of selective visual attention mechanisms. (PI: Adam Snyder, Role: Trainee)
- NSF award #1449828 NSF NRT-DESE: Data-Enabled Research into Human Behavior and its Cognitive and Neural Mechanisms (PI: Mohammed Hoque, Role: Trainee)

Honors

- 2018 - present NSF NRT-DESE: Data-Enabled Research into Human Behavior and its Cognitive and Neural Mechanisms Trainee, University of Rochester

Teaching and Certifications

Certification

Laboratory animal sciences – rodents and lagomorphs (FELASA accreditation as required by the EU)

Courses

NSC 203 Lab in neurobiology. Role: TA

BCS 172 Development of mind and brain. Role: TA

Mentorship

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|--------------|---|
| 2019-2020 | Jacob Rozowsky, U. Rochester (now: Fulbright US scholar at Indian Institute of Science) |
| 2019-present | Remiah Sundine, U. Rochester |
| 2019-present | Ruitong Jiang, U. Rochester |

Leadership and Service

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| 2012 - 2014 | AIDS volunteers (AVOL inc.) outreach, Lexington, KY |
| 2015 - 2016 | Ambassador for the College of Arts and Sciences, University of Kentucky, Lexington, KY |
| 2018 - 2020 | Head Graduate Representative Faculty Liaison, University of Rochester, Rochester, NY |
| 2019 | Graduate Host, University of Rochester Center for Visual Science Boynton Colloquium Series, Anitha Pasupathy Ph.D. |
| 2020 - present | Graduate Recruitment Coordinator, University of Rochester, Rochester, NY |

Publications

Papers

1. Scott, H., et al. (2020). "Effects of pair-housing on voluntary alcohol intake in male and female Wistar rats." Alcohol. Elsevier. doi: [10.1016/j.alcohol.2019.12.005](https://doi.org/10.1016/j.alcohol.2019.12.005)

Conference Abstracts

1. H. Scott, A. Snyder, I. Fruend. Humans can attend to complex latent image dimensions. Program No. 664.11. 2019 Neuroscience Meeting Planner. Chicago, IL: Society for Neuroscience, 2019.
2. H. Scott, I. Fruend, A. Snyder. Complex feature sets constrained by deep generative image models drive visual evoked potentials in macaque monkeys.

Program No. 142.09. 2019 Neuroscience Meeting Planner. Chicago, IL: Society for Neuroscience. 2019

3. H. Scott, K. Wimmer, T. Pasternak, A. Snyder. Common rules guide memory-guided comparisons of motion directions and locations in the lateral prefrontal cortex (LPFC). Program No. 756.13. 2019 Neuroscience Meeting Planner. Chicago, IL: Society for Neuroscience, 2019.