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Mitchell B. Slapik

MD/PhD Candidate
McGovern Medical School
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Education

2027	McGovern Medical School, *Houston, TX* Medical Scientist Training Program	MD
2025	University of Texas at Houston, *Houston, TX* Neuroscience, Advisor: Valentin Dragoi	PhD
2017	Johns Hopkins University, *Baltimore, MD* Post-Baccalaureate Premedical Program	
2014	Swarthmore College, *Swarthmore, PA* High Honors in Philosophy and Linguistics	BA
2013	University of Oxford, *Oxford, UK* Study Abroad: Philosophy of Mind	

Awards

2023	Ruth L. Kirschstein National Research Service Award (F30) National Institutes of Health: National Eye Institute
2022	Clinical and Translational Science Predoctoral Fellowship (TL1) Center for Clinical & Translational Sciences, McGovern Medical School
2022	Osborne Endowed Scholarship in the Neurosciences Department of Neurobiology and Anatomy, McGovern Medical School
2014	High Honors in Philosophy and Linguistics Swarthmore College Honors Program

Publications

M. Joyce, P. Nadkarni, S. Kronemer, […], M. Slapik, et. al. (2022). "Quality of life changes following the onset of cerebellar ataxia: Symptoms and concerns self-reported by ataxia patients and informants." Cerebellum.

O. Morgan., M. Slapik, K. Iannuzzelli, et. al. (2020). "The Cerebellum and Sequencing in Motor and Cognitive Domains: Evidence from Cerebellar Ataxia." Cerebellum.

S. Kronemer, M. Slapik, J. Pietrowski, et. al. (2020). "Neuropsychiatric Symptoms as a Reliable Phenomenology of Cerebellar Ataxia." Cerebellum.

M. Slapik, S. I. Kronemer, O. Morgan, et. al. (2018). "Visuospatial Organization and Recall in Cerebellar Ataxia." Cerebellum.

Work

2021 – Now **Graduate Research Assistant, Dragoi Lab**
McGovern Medical School, *Houston, TX*

Investigate how neural circuits process visual information

- Implement new machine learning algorithm generating optimal stimuli for neurons in visual cortex
- Develop novel applications to laminar layers, surround and synchrony

2016 - 2019 **Research Assistant, Marvel Lab**
Johns Hopkins Medical School, *Baltimore, MD*

Studied how the cerebellum contributes to cognition

- Designed new cognitive tasks to examine visuospatial skills, gestalt processing, implicit sequence learning and verbal encoding
- Administered cognitive tasks, emotional questionnaires and motor tests

Volunteering

2021 – Now **Volunteer Counselor**
Crisis Text Line, *Houston, TX*

- Support callers on the crisis line going through thoughts of suicide, self-harm, and other emotional crises
- Undergo extensive training on therapy techniques like active listening and lack of judgement

2021 – Now **Shadowing, Department of Psychiatry**
UTHealth, *Houston, TX*

- Shadow psychiatrists and residents treating a variety of psychiatric disorders in an inpatient psychiatry ward

Certificates

2023 **Machine Learning Specialization**
Stanford University (Coursera)

2023 **Deep Learning Specialization**
deeplearning.ai (Coursera)

2023 **AI for Medicine Specialization**
deeplearning.ai (Coursera)

Organizations

2017 - Now **Society for Neuroscience**

2017 - 2019 **National Ataxia Foundation**