

*Last updated January 27, 2023*

# Mitchell B. Slapik

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McGovern Medical School  
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## Education

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2027	<b>McGovern Medical School, Houston, TX</b> Medical Scientist Training Program	MD
2025	<b>University of Texas at Houston, Houston, TX</b> Neuroscience, advisor: Valentin Dragoi	PhD
2017	<b>Johns Hopkins University, Baltimore, MD</b> Post-Baccalaureate Premedical Program	
2014	<b>Swarthmore College, Swarthmore, PA</b> High Honors in Philosophy and Linguistics	BA
2013	<b>University of Oxford, Oxford, UK</b> Study abroad: philosophy of mind	

## Awards

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

## Publications

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- 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

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- 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

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- 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

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- 2023             **Machine Learning Specialization**  
Stanford University (Coursera)
- 2023             **Deep Learning Specialization**  
deeplearning.ai (Coursera)
- 2023             **AI for Medicine Specialization**  
deeplearning.ai (Coursera)

## Organizations

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- 2017 - Now     **Society for Neuroscience**
- 2017 - 2019     **National Ataxia Foundation**