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Education

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| 2020 – Now | PhD Student Cornell University, <i>Ithaca, New York</i> Advisor: Daniel Casasanto. Major in Psychology, minor in Cognitive Science. |
| 2013 – 2017 | BA in Liberal Arts St. John's College, <i>Annapolis, Maryland</i> All-required curriculum based on closely reading original sources; equivalent to a double major in Philosophy, and the History of Mathematics and Science. |

Professional Experience

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| 2017 – 2020 | Research Assistant, Cognitive Neuropsychiatric Research Laboratory Johns Hopkins University School of Medicine, <i>Baltimore, MD</i> Studied the cerebellum's role in cognition and conducted several fMRI projects under the mentorship of Cherie Marvel. |
| Summers 2016 2015 | Research Assistant, Blumenfeld Lab Yale Medical School, <i>New Haven, CT</i> Studied conscious visual perception under the mentorship of Hal Blumenfeld. |

Publications

Preprints

Kronemer, Sharif I., Aksen, Mark, Ding, Julia, [...], Morgan, Owen P., et al. 2021. "[Brain networks in human conscious visual perception](#)." In: *bioRxiv*.

Peer-reviewed Papers

Iannuzzelli, Katherine, Shi, Rosa, Carter, Reece, [...], Morgan, Owen P., et al. 2022. "[The association between educational attainment and SCA 3 age of onset and disease course](#)." In: *Parkinsonism & Related Disorders*, in press.

Joyce, Michelle R., Nadkami, Prianca A., Kronemer, Sharif I., [...], Morgan, Owen P., et al. 2022. "Quality of life changes following the onset of cerebellar ataxia: Symptoms and concerns self-reported by ataxia patients and informants." In: *The Cerebellum*, in press.

Monick, Andrew J., Joyce, Michelle R., Chugh, Natasha, [...], Morgan, Owen P., et al. 2022. "[Characterization of basal ganglia volume changes in the context of HIV and polysubstance use](#)." In: *Scientific Reports*, p. 4357.

Kronemer, Sharif I., Slapik, Mitchell B., Pietrowski, Jessica R., [...], Morgan, Owen P., et al. 2021. "[Neuropsychiatric Symptoms as a Reliable Phenomenology of Cerebellar Ataxia](#)." In: *The Cerebellum*, pp. 141–150.

Morgan, Owen P., Slapik, Mitchell B., Iannuzzelli, Katherine G., et al. 2021. "[The Cerebellum and Implicit Sequencing: Evidence from Cerebellar Ataxia](#)." In: *The Cerebellum*, pp. 222–245.

Marvel, Cherie L., **Morgan, Owen P.**, and Kronemer, Sharif I. 2019. "How the motor system integrates with working memory." In: *Neuroscience & Biobehavioral Reviews*, pp. 184–194.

Slapik, Mitchell B., Kronemer, Sharif I., **Morgan, Owen P.**, et al. 2019. "Visuospatial Organization and Recall in Cerebellar Ataxia." In: *The Cerebellum*, pp. 33–46.

Presentations

Talks

Morgan, Owen P., Slapik, Mitchell B., Iannuzzelli, Katherine G., et al. **May 2021**. "Motor and cognitive sequencing in cerebellar ataxia." Hot Chair Talk. National Ataxia Foundation's 9th Ataxia Investigators Meeting. Virtual.

Morgan, Owen P., Slapik, Mitchell B., Iannuzzelli, Katherine G., et al. **Jan. 2020**. "The cerebellum and sequencing in motor and cognitive domains: Evidence from cerebellar ataxia." Talk presented at Sensorimotor Day. Johns Hopkins University, Baltimore, USA.

Morgan, Owen P., Lisinski, Jonathan, LaConte, Stephen, et al. **Feb. 2019**. "Cerebellar-basal ganglia interaction in Real-time fMRI neurofeedback for rehabilitation." Presentation to the faculty and staff of the Johns Hopkins Ataxia Clinic. Baltimore, USA.

Morgan, Owen P., Lisinski, Jonathan, LaConte, Stephen, et al. **June 2019**. "Basal ganglia-cerebellar impact on performance after motor imagery with real-time fMRI neurofeedback." Oral Session. Organization for Human Brain Mapping Annual Meeting. Rome, Italy.

Morgan, Owen, Slapik, Mitchell B., Kronemer, Sharif I., et al. **Apr. 2018**. "Motor-cognitive multitasking in cerebellar ataxia." Presentation to the faculty and staff of the Johns Hopkins Ataxia Clinic. Baltimore, USA.

Morgan, Owen P., Creighton, Jason A., Slapik, Mitchell B., et al. **Nov. 2018**. "Neural correlates of value-driven attentional capture in addiction." Nanosymposium Session. Society for Neuroscience. San Diego, USA.

Talks (contributed)

Marvel, Cherie L., Creighton, Jason A., **Morgan, Owen P.**, et al. 2018. "Cerebro-cerebellar contributions to working memory in early Lyme disease." Oral Session. International Society of Behavioral Neuroscience. Anchorage, USA.

Slapik, Mitchell B., **Morgan, Owen P.**, and Marvel, Cherie L. 2018. "Language abilities in cerebellar ataxia." Presentation to the faculty and staff of the Johns Hopkins Ataxia Clinic. Baltimore, USA.

Slapik, Mitchell B., **Morgan, Owen P.**, Creighton, Jason A., et al. **Nov. 2018**. "Timing and sequencing in cerebellar ataxia." Nanosymposium Session. Society for Neuroscience. San Diego, USA.

Slapik, Mitchell B., Kronemer, Sharif I., **Morgan, Owen P.**, et al. **Jan. 2017**. "Visuospatial organization and recall in cerebellar ataxia." Talk presented at Sensorimotor Day. Johns Hopkins University, Baltimore, USA.

Kronemer, Sharif I., Xiao, Wendy R., Gober, Leah, [...], **Morgan, Owen P.**, et al. **June 2016**. "The cortical event-related potential and alpha wave signatures for visual consciousness." Talk. ASSC 20. Buenos Aires, Argentina.

Xiao, Wendy R., Kronemer, Sharif I., Gober, Leah, [...], **Morgan, Owen P.**, et al. **June 2016**. "An organized wave of intracranial broadband gamma activity during the first second of conscious visual perception." Talk. ASSC 20. Buenos Aires, Argentina.

Posters

- Morgan, Owen P.**, Slapik, Mitchell B., Iannuzzelli, Katherine G., et al. **May 2021**. "Motor and cognitive sequencing in cerebellar ataxia." Poster Session. National Ataxia Foundation's 9th Ataxia Investigators Meeting. Virtual.
- Morgan, Owen P.**, Slapik, Mitchell B., Kronemer, Sharif I., et al. **Nov. 2019**. "Motor-cognitive multitasking in Machado-Joseph's disease." Poster Session. International MJD Research Conference. Washington, DC, USA.
- Morgan, Owen**, Slapik, Mitchell B., Kronemer, Sharif I., et al. **Apr. 2018**. "Motor-cognitive multitasking in cerebellar ataxia." Poster Session. National Ataxia Foundation's 8th Ataxia Investigators Meeting. Philadelphia, USA.

Posters (contributed)

- LaConte, Stephen, Lisinski, Jonathan, **Morgan, Owen P.**, et al. **June 2019**. "Harnessing the imagined: Developing motor imagery for real-time fMRI-based therapy." Poster Session. Organization for Human Brain Mapping Annual Meeting. Rome, Italy.
- Slapik, Mitchell B., Pietrowski, Jessica, **Morgan, Owen P.**, et al. **Apr. 2018**. "A Characterization of language impairment in cerebellar ataxia." Poster Session. National Ataxia Foundation's 8th Ataxia Investigators Meeting. Philadelphia, USA.
- Marvel, Cherie L., Creighton, Jason A., **Morgan, Owen P.**, et al. **May 2018**. "An fMRI study of cognition in early post-treatment Lyme disease." Poster Session. Society for Neuroscience. San Diego, USA.
- Ding, Jackson, Prince, Jacob S., Forman, Sarit **Morgan, Owen P.**, et al. **Nov. 2017**. "Machine learning to predict conscious visual perception using pupillary dynamics." Poster Session. Society for Neuroscience. Washington, DC, USA.
- Kronemer, Sharif I., Xiao, Wendy R., Gober, Leah, [...], **Morgan, Owen P.**, et al. **Nov. 2016**. "Intracranial cortical event-related potentials and alpha wave gating of visual consciousness." Poster Session. Society for Neuroscience. San Diego, USA.
- Wafa, Adil S., Kiely, Bridget, Xiao, Wendy R., [...], **Morgan, Owen P.**, et al. **Nov. 2016**. "Machine learning to predict pupillary dynamics in conscious visual perception." Poster Session. Society for Neuroscience. San Diego, USA.
- Xiao, Wendy R., Kronemer, Sharif I., Gober, Leah, [...], **Morgan, Owen P.**, et al. **Nov. 2016**. "Broadband gamma activity in the formation of a conscious visual experience in humans." Poster Session. Society for Neuroscience. San Diego, USA.

Honors and Awards

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| 2020 | Travel Award for 9th Ataxia Investigators Meeting (Conference moved online) Awarded to abstracts selected for "hot chair" presentation. Monetary award cancelled because the meeting was moved online. |
| 2017 | Pathways Fellowship Awarded to qualified students from St. John's College for special or prerequisite courses for graduate study or careers. Funded Neurobiology course at Harvard Extension Summer School. |
| 2016 2015 | Hodson Grant Awarded to qualified students from St. John's College for research and internships. Funded summer research on conscious visual perception at Yale University. |

Teaching and Mentorship

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| Spring 2022 | TA, Gender and Psychopathology (HD 3320) Cornell University, <i>Ithaca, New York</i> Instructor: Lauren Korfine. |
| Fall 2021 | TA, Research Methods (HD 2380) Cornell University, <i>Ithaca, New York</i> Instructor: Lauren Korfine. |
| Spring 2021 | TA, Adolescence (HD 1170) Cornell University, <i>Ithaca, New York</i> Instructor: Robert Sternberg. |
| Fall 2020 | TA, Human Brain and Mind: Introduction to Cognitive Neuroscience (HD 2200) Cornell University, <i>Ithaca, New York</i> Instructor: Daniel Casasanto. |
| 2018 – 2020 | Research Assistant Mentorship Johns Hopkins University School of Medicine, <i>Baltimore, Maryland</i> Supervised and mentored Bronte Wen, Deeya Bhattacharya, Nikita Gupta on fMRI analysis projects. |
| 2014 – 2017 | Lab Assistant St. John's College, <i>Annapolis, MD</i> Worked with professor to lead class discussions; set up, demonstrated, and explained historical experiments from biology, physics, and chemistry. |

Technical Skills

fMRI: Collection (3T, 7T), preprocessing, whole brain and ROI analyses (SPM)

Eye-tracking: Collection, preprocessing, analysis

Scripting: R, Python, MATLAB

Task development: Python/PsychoPy, ePrime

Data visualization: R/ggplot, Inkscape/Illustrator

Markup: \LaTeX , RMarkdown

OS: Linux, Windows, MacOS

Spoken Languages

English: Native

Spanish: Full professional proficiency (ILR scale)