Owen Morgan

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Education

2020 – Now	**PhD Student** Cornell University, *Ithaca, New York* Advisor: Daniel Casasanto. Major in Psychology, minor in Cognitive Science.
2013 – 2017	**BA in Liberal Arts** St. John's College, *Annapolis, Maryland* 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

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

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

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. **Jan. 2019**. "Basal Ganglia-Cerebellar Impact on Performance After Motor Imagery with Real-time fMRI Neurofeedback." Talk presented at Sensorimotor Day. Johns Hopkins University, Baltimore, MD, USA.

Morgan, Owen P., Lisinski, Jonathan, LaConte, Stephen, et al. **Feb. 2019**. "Cerebellar-basal ganglia interaction in Real-time fMRI neurofeedback for rehabilitation." Talk. Johns Hopkins Ataxia Center Clinic Meeting.

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.

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.

Morgan, Owen P., Slapik, Mitchell B., Kronemer, Sharif I., et al. **July 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.

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.

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.

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.

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

2020	**Travel Award for 9th Ataxia Investigators Meeting**	
	Awarded to abstracts selected for "hot chair" presentation. Award returned because the meeting was postponed and held virtually (May 2021)	
Summer 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

Spring 2022	**TA, Gender and Psychopathology (HD 3320)** Cornell University, *Ithaca, New York* Instructor: Lauren Korfine.
Fall 2021	**TA, Research Methods (HD 2380)** Cornell University, *Ithaca, New York* Instructor: Lauren Korfine.
Spring 2021	**TA, Adolescence (HD 1170)** Cornell University, *Ithaca, New York* Instructor: Robert Sternberg.
Fall 2020	**TA, Human Brain and Mind: Introduction to Cognitive Neuroscience (HD 2200)** Cornell University, *Ithaca, New York* Instructor: Daniel Casasanto.
2018 – 2020	**Research Assistant Mentorship** Johns Hopkins University School of Medicine, *Baltimore, Maryland* Supervised and mentored Bronte Wen, Deeya Bhattacharya, Nikita Gupta on fMRI analysis projects.
2014 – 2017	**Lab Assistant** St. John's College, *Annapolis, MD* 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)