Owen Morgan

Cornell University, Department of Human Development
Experience and Cognition Lab
opm6@cornell.edu

Education

2020 – Now | **PhD Student**
Cornell University, *Ithaca, New York*
Advisor: Daniel Casasanto. Major in Developmental 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.

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.

Publications

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. **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 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.

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.

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.

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.

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., **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., 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." 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. **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 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.

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.

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.

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.

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., **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., 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.

Honors and Awards

2020 | **Travel Award for 9th Ataxia Investigators Meeting (postponed to May 2021, virtual)**
Awarded to abstracts selected for "hot chair" presentation.

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 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.

Leadership and Service

2017 – 2019 | **Leader, Study Group on Existential Phenomenology and Cognitive Science**
Baltimore, Maryland
Discussion group with St. John's College alumni and colleagues from Johns Hopkins. Readings included Maurice Merleau-Ponty's The Phenomenology of Perception and Shaun Gallagher's Enactivist Interventions.

2015 – 2017 | **President, Waltz Committee**
St. John's College, *Annapolis, Maryland*
Organized dances and lessons for students, alumni, and community; managed budget.

2014 – 2017 | **President, Farming and Gardening Club**
St. John's College, *Annapolis, Maryland*
Started campus vegetable farm; organized and hosted events; managed budget.

2014 – 2015 | **Representative, Delegate Council**
St. John's College, *Annapolis, Maryland*
Student branch of school government. Wrote and voted on legislation; managed budget for student activities and events.

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)