

Last updated March 14, 2022

# Owen Morgan

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## Education

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2020 – Now	<b>PhD Student</b> Cornell University, <i>Ithaca, New York</i> Advisor: Daniel Casasanto. Major in Psychology, minor in Cognitive Science.
2013 – 2017	<b>BA in Liberal Arts</b> 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	<b>Research Assistant, Cognitive Neuropsychiatric Research Laboratory</b> Johns Hopkins University School of Medicine, <i>Baltimore, MD</i> Studied the cerebellum's role in cognition and implemented several neuroimaging projects under the mentorship of Cherie Marvel, PhD.
Summers 2016 2015	<b>Research Assistant, Blumenfeld Lab</b> Yale Medical School, <i>New Haven, CT</i> Studied conscious visual perception under the mentorship of Hal Blumenfeld, MD, PhD.

## Publications

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### 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., Nadkarni, 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

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### 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	<b>Travel Award for 9th Ataxia Investigators Meeting</b> Awarded to abstracts selected for "hot chair" presentation. Award returned because the meeting was postponed and held virtually (May 2021)
2017	<b>Pathways Fellowship</b> 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	<b>Hodson Grant</b> Awarded to qualified students from St. John's College for research and internships. Funded summer research on conscious visual perception at Yale University.
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## Teaching and Mentorship

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Spring 2022	<b>TA, Gender and Psychopathology (HD 3320)</b> Cornell University, <i>Ithaca, New York</i> Instructor: Lauren Korfine.
Fall 2021	<b>TA, Research Methods (HD 2380)</b> Cornell University, <i>Ithaca, New York</i> Instructor: Lauren Korfine.
Spring 2021	<b>TA, Adolescence (HD 1170)</b> Cornell University, <i>Ithaca, New York</i> Instructor: Robert Sternberg.
Fall 2020	<b>TA, Human Brain and Mind: Introduction to Cognitive Neuroscience (HD 2200)</b> Cornell University, <i>Ithaca, New York</i> Instructor: Daniel Casasanto.
2018 – 2020	<b>Research Assistant Mentorship</b> 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	<b>Lab Assistant</b> 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

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**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:**  $\text{\LaTeX}$ , RMarkdown  
**OS:** Linux, Windows, MacOS

## Spoken Languages

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**English:** Native  
**Spanish:** Full professional proficiency (ILR scale)