

<b>EDUCATION</b>	<b>University of Chicago</b> PhD, Department of Psychology, Integrative Neuroscience Division Dissertation to be completed in the Visual Attention and Memory lab of Edward Awh & Edward K Vogel	2015 - present
	<b>University of Chicago</b> MA, Division of Social Sciences, cognitive neuroscience concentration Master's thesis completed in the Visual Attention and Memory lab of Edward Awh & Edward K Vogel	2017
	<b>University of Illinois Urbana-Champaign (UIUC)</b> BS, Department of Psychology, highest distinction Honors thesis completed in the Visual Cognition Lab of Daniel J Simons  BS, Department of Spanish, high distinction Honors thesis completed in Spanish philology with Eduardo Ledesma	2015
<b>PUBLICATIONS</b>	<b>Hakim N</b> , Awh E, Vogel EK, Rosenberg MD (submitted) Predicting cognitive abilities across individuals using sparse EEG connectivity	
	<b>Hakim N</b> , Feldmann-Wüstefeld T, Awh E, Vogel EK (in press) Controlling the flow of distracting information in working memory. <i>Cerebral Cortex</i>	
	<b>Hakim N</b> , Awh E, Vogel EK (2020) Manifold working memory. In Working memory: a multicomponent model (Eds. Robert Logie, Nelson Cowan, and Valerie Camos) <i>Oxford University Press</i>	
	<b>Hakim N</b> , deBettencourt MT, Awh E, Vogel EK (2020) Attention fluctuations impact ongoing maintenance of information in working memory. <i>Psychonomic Bulletin &amp; Review</i>	
	<b>Hakim N</b> , Feldmann-Wüstefeld F, Awh E, Vogel EK (2020) Perturbing neural representations of working memory with task-irrelevant interruption. <i>Journal of Cognitive Neuroscience</i>	
	<b>Hakim N</b> , Adam KCS, Gunseli E, Awh E, Vogel EK (2019) Dissecting the neural focus of attention reveals distinct processes for spatial attention and object-based storage in visual working memory. <i>Psychological Science</i>	
	<b>Hakim N</b> , Vogel EK (2018) Phase-coded memories in mind. <i>PLOS Biology</i>	
	<b>Hakim N</b> , Simons DJ, Zhao H, & Wan X (2017) Do easterners and westerners differ in visual cognition? A preregistered examination of three visual cognition tasks. <i>Social Psychological and Personality Science</i>	

### CONFERENCE TALKS

**Hakim N**, Awh E, Vogel EK, Rosenberg MD (2020) Sparse EEG connectivity predicts cognitive abilities in humans. Object Perception, Attention, & Memory (OPAM)

**Hakim N**, Awh E, Vogel EK, Rosenberg MD (2020) Sparse EEG connectivity identifies individuals and predicts behavior. Virtual Working Memory Symposium

**Hakim N**, Awh E, Vogel EK, Rosenberg MD (2020) EEG connectivity identifies individuals and predicts behavior across data sets. NeuroMatch 2.0 Virtual Conference

**Hakim N**, Feldmann-Wüstefeld T, Awh E, Vogel EK (2019) The influence of task-relevant vs. task-irrelevant interruption on dissociable sub-component processes of the focus of attention. Vision Sciences Society, St. Pete Beach, FL

Awh E, **Hakim N**, Adam KCS, Vogel EK (2018) Dissecting the neural focus of attention reveals distinct processes for spatial attention and object-based storage in visual working memory. Psychonomic Society, New Orleans, LA

**Hakim N**, Feldmann-Wüstefeld T, Awh E, Vogel EK (2017) Distinct attention and working memory mechanisms protect internal representations from interruption. Object Perception, Attention, and Memory, Vancouver, Canada

### CONFERENCE POSTERS

**Hakim N**, Vogel EK, Awh E, Rosenberg MT (2020) EEG connectivity fingerprints predict cognitive abilities in humans. Psychonomic Society, virtual

**Hakim N**, Awh E, Vogel EK (2020) Neural dynamics of interrupting sustained spatial attention. Vision Sciences Society, virtual

**Hakim N**, Feldmann-Wüstefeld T, Chai L, Awh E, Vogel EK (2019) Distractor suppression in visual working memory. Psychonomic Society, Montreal, Canada

**Hakim N**, Feldmann-Wüstefeld T, Awh E, Vogel EK (2019) Neural dynamics of interrupting active working memory. Society for Neuroscience, Chicago, IL

Chai L, **Hakim N**, Feldmann-Wüstefeld T, Awh E, Vogel EK (2019) Distractor suppression in visual working memory. Society for Neuroscience, Chicago IL

**Hakim N**, Awh E, Vogel EK (2019) EEG-based decoding of attended location: a comparison of convolutional neural networks, forward encoding models, and logistic regression. The Algonauts Project, Boston, MA

**Hakim N**, Feldmann-Wüstefeld T, Awh E, Vogel EK (2018) Object representations persist when spatial attention is diverted. Psychonomic Society, New Orleans, LA

**Hakim N**, Feldmann-Wüstefeld, T, Awh E, Vogel EK (2018) Distinct attention and working memory mechanisms protect internal representations from interruption. Vision Sciences Society, St. Pete Beach, FL

**Hakim N**, Vogel EK (2017) Graded loss of information from working memory after long retention intervals. Psychonomic Society, Vancouver, Canada

**Hakim N**, Adam KCS, Awh E, Vogel EK (2017) Sustained spatial attention is not sufficient to elicit the contralateral delay activity. Vision Sciences Society, St. Pete Beach, FL

**Hakim N**, Vogel EK (2016) Moving the limits of performance in a visual working memory task. Psychonomic Society, Boston, MA

**Hakim N**, Simons D, Zhao H, Wang X (2015) Cultural differences in visual cognition. Object Perception, Attention, and Memory, Chicago, IL

**INVITED TALKS**

University of California, San Francisco  
February 2020

National Institutes of Health, Bethesda MD  
January 2020

**TEACHING**

**Mind I-III**, Teaching intern, University of Chicago  
Discussion section leader for undergraduate seminar on mental processes, biological mechanisms, & social context

Fall 2017,  
Winter 2018,  
Spring 2018

**Research Methods**, Teaching assistant, University of Chicago  
Discussion section leader and guest lecturer for undergraduate course on statistics and research methodology

Spring 2017

**Fundamentals of Psychology**, Teaching assistant, University of Chicago  
Discussion section leader and guest lecturer for introductory undergraduate course

Winter 2017

**HONORS AND AWARDS**

**Graduate Conference Award**, Psychonomic Society

2020

**Dean's Dissertation Completion Fellowship**, Social Sciences Division, University of Chicago

2020

**Fellow**, Summer Institute for Cognitive Neuroscience, Santa Barbara, CA

2019

**Participant**, Deep learning analysis workshop, The National Center for Brain Mapping, Woods Hole, MA

2019

**Fellow**, Institute for Mind and Biology, University of Chicago

2015 - present

**Best Poster**, Object Perception Attention and Memory (OPAM) Conference, Chicago, IL

2015

<b>Magna Cum Laude</b> , UIUC	2015
<b>Charles Eriksen Award</b> , Visual Cognition Human Performance Psychology Division, UIUC	2015
<b>Joseph S. Flores Award</b> , Department of Spanish, UIUC	2015
<b>James Spoor Award</b> , Department of Psychology, UIUC	2015
<b>James Scholar</b> , College of Liberal Arts and Sciences, UIUC	2011 - 2015
<b>Dean's List</b> , College of Liberal Arts and Sciences, UIUC	2011 - 2015

**REVIEWING**

*Annals of the New York Academy of Sciences*  
*Attention, Perception, & Psychophysics*  
*Consciousness & Cognition*  
*Journal of Cognitive Neuroscience*  
*Journal of Cognitive Psychology*  
*Journal of Experimental Psychology: General*  
*Scientific Reports*

**DEPARTMENTAL SERVICE**

<b>Committee Member</b> , Institute for Mind and Biology, University of Chicago	2017 - present
<b>President</b> , Academic and Career Development Committee, Psychology Graduate Student Organization, University of Chicago	2015 - 2019

**TECHNICAL SKILLS**

Matlab, Python, R, SPSS, EEGLAB, Eyelink, Psychtoolbox, Freesurfer, Pytorch  
Native speaker of English, fluent in Spanish, basic German and Catalan