

Nicole Hakim

July, 2018

University of Chicago
Institute for Mind and Biology
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Education

- University of Chicago, *M.A. & Ph.D.* – Chicago, IL 2015-Present
Expected 2020
- Doctoral candidate in the Department of Psychology, Integrative Neuroscience Division
 - Masters of Arts in the Division of the Social Sciences, Focus in Cognitive Neuroscience 2017
- University of Illinois, *B.S., Magna Cum Laude* – Urbana-Champaign, IL 2011-2015
- Bachelor of Science in Psychology with Highest Distinction
 - Bachelor of Science in Spanish with High Distinction
- Universitat de Barcelona – Barcelona, Spain 2012-2013
- Department of Spanish Philology, Year Abroad

Research Experience

- Edward Vogel and Edward Awh's Cognitive Neuroscience Lab – University of Chicago 2015-Present
- Doctoral Student in the Department of Psychology, Institute for Mind and Biology
- Daniel Simons' Visual Cognition Lab – University of Illinois, Champaign-Urbana
- Research Assistant under Melinda Jensen 2012
 - Research Assistant under Daniel Simons 2013-2015
 - Honors Thesis Student 2014-2015

Publications

- 1) **Hakim, N.**, Adam, K. C. S., Gunseli, E., Awh, E., & Vogel, E. K. (in press). Dissecting the neural focus of attention reveals distinct processes for spatial attention and object-based storage in visual working memory. *Psychological Science*.
- 2) **Hakim, N.** & Vogel, E.K. (2018). Phase-coded memories in mind. *PLOS Biology*, 16(8): e3000012.
- 3) **Hakim, N.**, Simons, D. J., Zhao, H., & Wan, X. (2016). Do Easterners and Westerners Differ in Visual Cognition? A Preregistered Examination of Three Visual Cognition Tasks. *Social Psychological and Personality Science*, 1948550616667613.

Conference Presentations

Talks

- 1) **Hakim, N.**, Feldmann-Wüstefeld, T., Awh, E., & Vogel, E. (2017) Distinct Attention and Working Memory Mechanisms Protect Internal Representations from Interruption. *25th Annual Meeting of Object Perception, Attention, and Memory (OPAM)*, Vancouver, Canada.
- 2) Awh, E., **Hakim, N.**, Adam, K.C.S., & Vogel, E.K. (2018) Dissecting the neural focus of attention reveals distinct processes for spatial attention and object-based storage in visual working memory. *59th Annual Meeting of Psychonomic Society*, New Orleans, LA.

Poster Presentations

- 1) **Hakim, N.**, Feldmann-Wüstefeld, T., Awh, E., & Vogel, E. (2018) Object representations persist when spatial attention is diverted. *59th Annual Meeting of Psychonomic Society*, New Orleans, LA.
- 2) **Hakim, N.**, Feldmann-Wüstefeld, T., Awh, E., & Vogel, E. (2018) Distinct Attention and Working Memory Mechanisms Protect Internal Representations from Interruption. *Vision Sciences Society (VSS)*, St. Pete, Florida
- 3) **Hakim, N.**, & Vogel, E. (2017) Graded Loss of Information from Working Memory after Long Retention Intervals. *58th Annual Meeting of Psychonomic Society*, Vancouver, Canada.
- 4) **Hakim, N.**, Adam, K. C., Awh, E., & Vogel, E. (2017) Sustained Spatial Attention is not Sufficient to Elicit the Contralateral Delay Activity. *Vision Sciences Society (VSS)*, St. Pete, FL.

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- 5) **Hakim, N.** & Vogel, E. (2016) Moving the Limits of Performance in a Visual Working Memory Task. 57th *Annual Meeting of the Psychonomic Society*, Boston, MA.
- 6) **Hakim, N.**, Simons, D., Zhao, H., & Wang, X. (2015) Cultural Differences in Visual Cognition. 23rd *Annual Meeting of Object Perception, Attention, and Memory (OPAM)*, Chicago, IL.
 - Best Poster Award

Teaching Experience

- Mind, Intern – University of Chicago *Fall 2017, Winter 2018, Spring 2018*
- Lead discussion group with the professor
 - Graded papers
- Research Methods, Teaching Assistant – University of Chicago *Winter 2017*
- Lead discussion group
 - Gave guest lecture
- Fundamentals of Psychology, Teaching Assistant – University of Chicago *Fall 2017*
- Lead discussion group
 - Wrote exam
 - Gave guest lecture

Honors & Activities

- Fellow of the Institute for Mind and Biology, *University of Chicago* *2015-present*
- Professional Development Committee, *Psychology Graduate Student Organization* *2015-present*
- Best Poster, *Object Perception Attention and Memory (OPAM) Conference, Chicago, Illinois* *2015*
- Charles Eriksen Award, *Visual Cognition Human Performance Psychology Division, University of Illinois* *2015*
- Joseph S. Flores Award, *Department of Spanish, University of Illinois* *2015*
- James Spoor Award, *Department of Psychology, University of Illinois* *2015*
- James Scholar, *College of Liberal Arts and Sciences, University of Illinois* *2011-2015*
- Deans' List, *College of Liberal Arts and Sciences, University of Illinois* *2011-2015*

Professional Memberships

- The Psychonomic Society *2015-Present*
- Society for Neuroscience *2015-Present*
- Vision Sciences Society *2016-Present*

AD HOC Reviewing

- Consciousness & Cognition
ANNALS of the New York Academy of Sciences
Attention, Perception, & Psychophysics

DEPARTMENT SERVICE

- Academic and Career Development, *President of Committee* *2016-Present*
- Institute for Mind and Biology, *Committee Member* *2017-Present*

SKILLS

- Proficient with Matlab, Python, R, SPSS
Native speaker of English, fluent in Spanish, basic German and Catalan