

# Paul S. Scotti

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www.PaulScotti.com, www.OnNeuro.com

(last updated 9/2/18)

## EDUCATION

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**Ph.D. (Cognitive Psychology)**, The Ohio State University 2017 – Present

**B.A. (Psychology)**, The George Washington University 2013 – 2017

- Distinguished/Honors scholar, magna cum laude

## RESEARCH EXPERIENCE

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**VISION AND COGNITIVE NEUROSCIENCE LAB** 2017 – Present  
**COGNITIVE CONTROL LAB**

**PhD student** at The Ohio State University  
Advisors: Dr. Julie Golomb & Dr. Andrew Leber

**GW ATTENTION AND COGNITION LAB** 2014 – 2017

**Undergraduate researcher** at The George Washington University  
Advisor: Dr. Sarah Shomstein

- Investigated role of object-based attentional selection

**GW VISUAL COGNITION LAB** 2016 – 2017

**Undergraduate researcher** at The George Washington University  
Advisor: Dr. Stephen Mitroff

- Investigated visual search using “big data”

## POSTER PRESENTATIONS

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**Scotti, P.**, Hong, Y., Golomb, J. D., Leber, A., B. (2018, November). *Statistical Regularities During Object Encoding Distort Long-Term Memory*. Poster to be presented at Object Perception, Attention, and Memory (OPAM) meeting, New Orleans, LA.

**Scotti, P.**, Hong, Y., Golomb, J. D., Leber, A., B. (2018, September). *Statistical Regularities During Object Encoding Distort Long-Term Memory*. Poster presentation at the Center for Cognitive and Brain Sciences Fall Retreat, Mt. Sterling, OH.

**Scotti, P.**, Hong, Y., Golomb, J. D., Leber, A., B. (2018, May). *Statistical Regularities During Object Encoding Distort Long-Term Memory*. Poster presentation at Vision Sciences Society, St. Pete Beach, FL.

Adamo, S., Nah, J., Collegio, A., **Scotti, P.**, Shomstein, S. (2018, May). *The Flux Capacitor Account: A New Theoretical Account of Multiple Target Visual Search Errors*. Poster presentation at Vision Sciences Society, St. Pete Beach, FL.

**Scotti, P.**, Collegio, A., & Shomstein, S. (2017, November). *Task-irrelevant Object Category Guides Attentional Allocation*. Poster presented at Object Perception, Attention, and Memory (OPAM) meeting,

Vancouver, BC.

Collegio, A., Nah, J., **Scotti, P.**, Shomstein, S. (2017, November). *Real-World Object Size Affects Attentional Allocation*. Talk presented at Object Perception, Attention, and Memory (OPAM) meeting, Vancouver, BC.

**Scotti, P.**, Adamo, S., Mitroff, S., Shomstein, S. (2017, May). *Repetition Priming Preferentially Benefits Infrequent Targets*. Poster presentation at Vision Sciences Society, St. Pete Beach, FL.

Adamo, S., Nah, J., Collegio, A., **Scotti, P.**, Shomstein, S. (2017, May). Does Orientation Matter? Same or Differently Oriented Targets in a Multiple Target Search. Poster presentation at Vision Sciences Society, St. Pete Beach, FL.

Collegio, A., Nah, J., **Scotti, P.**, Shomstein, S. (2017, May). *Real-World Object Size Affects Attentional Allocation*. Poster presentation at Vision Sciences Society, St. Pete Beach, FL.

**Scotti, P.**, Adamo, S., Mitroff, S., Shomstein, S. (2017, April). *Repetition Priming Preferentially Benefits Infrequent Targets*. **1<sup>st</sup> place Psychology poster** presented at the annual GW Research Days event, Washington, D.C.

**Scotti, P.**, Malcolm, G.L., Peterson, M., & Shomstein, S. (2016, November). *Reality vs. Simplicity: The effects of real-world objects on attentional selection*. Poster presented at Object Perception, Attention, and Memory (OPAM) meeting, Boston, MA.

**Scotti, P.**, Malcolm, G.L., Peterson, M., & Shomstein, S. (2016, May). *Reality vs. Simplicity: The effects of real-world objects on attentional selection*. Poster presentation at Vision Sciences Society, St. Pete Beach, FL.

## **LEADERSHIP ACTIVITIES / PROFESSIONAL DEVELOPMENT**

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OnNeuro (www.OnNeuro.com), <i>Founder</i>	2017 – Present
<ul style="list-style-type: none"><li>Head of a live communication platform across researchers and the public, allowing those who may not have easy access to scientific discussions to participate in the fields of psychology and neuroscience.</li></ul>	
CCBS Summer Institute (CUSI)	Summer 2018
<ul style="list-style-type: none"><li>Lecture on lab notebook keeping and organization</li></ul>	
Career Development Grant Judge (Council of Graduate Students)	Spring 2018

## **MENTORSHIP**

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- Anisha Babu (OSU; Golomb lab, undergraduate research assistant; Spring 2018 – present)
- Molly McKinney (OSU; Leber lab, undergraduate research assistant; Spring 2018 – present)

## **ACADEMIC LECTURE COURSES / SUMMER SCHOOLS**

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- York University Centre for Vision Research Summer School (Toronto, ON; Summer 2016)
- Cold Spring Harbor Laboratory Summer Course, “DNA Science” (Long Island, NY; Summer 2012)

## **MEMBERSHIPS**

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Psychonomic Society, Society for Neuroscience, Vision Sciences Society, Psi Chi Honor Society, OSU Center for Cognitive and Behavioral Brain Imaging Student Group, OSU Center for Cognitive and Brain Sciences

## **SCHOLARSHIPS, FELLOWSHIPS, & AWARDS**

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**CCBBI Student Neuroimaging Research Award (\$3000)**

2017

- Award to conduct brain imaging research in the Center for Cognitive and Behavioral Brain Imaging.

**OSU University Fellowship** 2017

- Merit scholarship awarded to support one year of full-time financial support.

**GW CCAS Distinguished Scholar** 2017

- Gave graduation speech to the class of 2017.
- Awarded to two graduating seniors who displayed exemplary academic achievement.

**Luther Rice Undergraduate Research Fellowship (\$5000)** 2016

- Award to support independent research during junior and senior year.

**Sigelman Undergraduate Research Enhancement Award (\$500)** 2016

- Awarded to support conference travel to Vision Sciences Society Conference in May 2016.

**GW Presidential Academic Scholarship Recipient** 2013

- Merit scholarship awarded to undergraduates who showcase exemplary academic progress.

**PUBLICATIONS**

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Collegio, A., Nah, J., **Scotti, P.**, Shomstein, S. (in submission). *Real-World Object Size Affects Attentional Allocation.*

*In Prep:*

**Scotti, P.**, Hong, Y., Golomb, J. D., Leber, A., B. (in preparation). *Statistical Regularities During Object Encoding Induce "Swaps" in Long-Term Memory.*

**Scotti, P.**, Malcolm, G.L., Peterson, M., & Shomstein, S. (in preparation). *Reality vs. Simplicity: The Effects of Real-World Objects on Attentional Selection.*

**Scotti, P.**, Adamo, S., Shomstein, S., & Mitroff, S. (in preparation). *Increased Exposure Decreases Repetition Priming Effects.*

**Scotti, P.**, Collegio, A., Shomstein, S. (in preparation). *Task-Irrelevant Object Category Information Guides Attentional Allocation.*

**QUALIFICATIONS AND SKILLS**

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| • MATLAB (inc. Psychtoolbox)               | • SPM12                  |
| • Python (inc. PsychoPy, Jupyter Notebook) | • Brain Voyager          |
| • Eye-tracking (EyeLink 1000 Plus)         | • FreeSurfer (inc. Bash) |
| • R / IBM SPSS / SAS / JASP                | • HTML & CSS             |
| • Javascript (inc. jQuery)                 |                          |