

Paul S. Scotti

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(last updated 1/31/18)

EDUCATION

Ph.D. (Cognitive Psychology) , The Ohio State University	2017 - Present
B.A. (Psychology) , magna cum laude, The George Washington University	2013 - 2017

RESEARCH EXPERIENCE

VISION AND COGNITIVE NEUROSCIENCE LAB COGNITIVE CONTROL LAB	2017 – Present
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PhD student at The Ohio State University
Advisors: Dr. Julie Golomb & Dr. Andrew Leber

GW ATTENTION AND COGNITION LAB	2014 – 2017
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Undergraduate researcher at The George Washington University
Advisor: Dr. Sarah Shomstein

- Investigated role of object-based attentional selection

GW VISUAL COGNITION LAB	2016 – 2017
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Undergraduate researcher at The George Washington University
Advisor: Dr. Stephen Mitroff

- Investigated visual search using “big data”

POSTER PRESENTATIONS

- Scotti, P.**, Hong, Y., Golomb, J. D., Leber, A., B. (2018, May). *Statistical Regularities During Object Encoding Distort Long-term Memory*. Poster to be presented at the annual 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 to be presented at the annual 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 the annual 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 the annual 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 presented at the annual meeting of the Vision Sciences Society, St. Pete Beach, FL.

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 presented at the annual meeting of the 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 presented at the annual meeting of the Vision Sciences Society, St. Pete Beach, FL.

Scotti, P., Adamo, S., Mitroff, S., Shomstein, S. (2017, April). *Repetition Priming Preferentially Benefits Infrequent Targets*. **1st 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 the annual 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 presented at the annual meeting of the Vision Sciences Society, St. Pete Beach, FL.

LEADERSHIP ACTIVITIES

OnNeuro (onneuro.github.io), *Founder*

2018 – Present

- Founder of an online journal club that discusses recent work in the fields of neuroscience and psychology with researchers and the public via monthly video conferences.

MENTORSHIP

- Anisha Babu (OSU; undergraduate research assistant; spring 2018 – present)

MEMBERSHIPS

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

OSU Presidential Fellowship	2017
<ul style="list-style-type: none">• Merit scholarship awarded to support one year of full-time financial support.	
GW CCAS Distinguished Scholar	2017
<ul style="list-style-type: none">• 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
<ul style="list-style-type: none">• Award to support independent research during junior and senior year.	
Sigelman Undergraduate Research Enhancement Award (\$500)	2016
<ul style="list-style-type: none">• Awarded to support conference travel to Vision Sciences Society Conference in May 2016.	
GW Presidential Academic Scholarship Recipient	2013
<ul style="list-style-type: none">• Merit scholarship awarded to undergraduates who showcase exemplary academic progress.	

PUBLICATIONS

In Prep:

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.*

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

Adamo, S., Nah, J., Collegio, A., **Scotti, P.**, & Shomstein, S. (in preparation). *Does Orientation Matter? The Effects of Target Orientation in Multiple Target Visual-Search.*

QUALIFICATIONS AND SKILLS

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| • MATLAB (inc. Psychtoolbox) | • IBM SPSS | • HTML & CSS |
| • Eye-tracking (EyeLink 1000 Plus) | • R | • Brain Voyager |
| • Python (inc. PsychoPy) | • SAS | • Microsoft Office & Adobe Products |
| | • Javascript (inc. jQuery) | |