

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 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 George Washington University
Advisor: Dr. Sarah Shomstein

- Investigated role of object-based attentional selection

GW VISUAL COGNITION LAB 2016 – 2017

Undergraduate researcher in 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

SCHOLARSHIPS, FELLOWSHIPS, & AWARDS

OSU Presidential 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

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 | • Grant writing |
| • Javascript (inc. jQuery) | • Microsoft Office &
Adobe Products | |