23rd Annual Conference
November 19th, 2015
Chicago, IL

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2015 Keynote Address

Dr. Daniel Simons
Visual Cognition Laboratory
University of Illinois, Urbana - Champaign

Real-World Visual Attention

Over the past 40 years, most studies of visual attention have used highly abstract, artificial tasks and simplified stimuli. Much like Ebbinghaus, who used nonsense syllables to isolate the mechanisms that govern forgetting and re-learning both in the lab and the world, attention researchers assume that their controlled studies reveal basic mechanisms of attention, ones that function beyond the confines of the lab. Yet, we rarely test the validity of that assumption. We have developed a rich understanding of the mechanisms governing performance in attention tasks, but we seldom check whether those mechanisms help us understand the role of attention in real problems. I will use examples from my own research program to highlight the need for a new type of ecological perspective, one that values well-controlled laboratory research but that occasionally tests whether insights from simple tasks help solve problems that matter.
cognitive neuroscience
developmental neuroscience
episodic memory
perceptual learning

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Visual Perception, Neuroscience, & Cognition

Marcia Grabowecky
Satoru Suzuki

http://groups.psych.northwestern.edu/grabowecky_suzuki/

Steve Franconeri

Visual Thinking

understanding structure graphs
data visualization erp eyetracking

http://visgog.psych.northwestern.edu/

Perception
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<td>Registration Opens/Coffee Service</td>
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**Keynote Address**

3:45 Daniel Simons Real-World Visual Attention

4:45 Awards & Closing Remarks
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Dwight Kravitz    Perception, Memory, Imagery
Steve Mitroff    Applied Visual Cognition, Attention
John Philbeck    Space Perception & Navigation
Larry Rothblat    Psychobiology of Learning & Memory
Sarah Shomstein    Perception, Attention, Cog. Control
Myeong-Ho Sohn    Executive Control, Memory
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The GW Cog Neuro community is growing & looking for graduate students!

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  How the brain works when we interact with our environment

Contact us
Department of Psychology
335 Fawcett Hall
(907) 775-4155
psych@wright.edu
wright.edu/psychology
1) Which Parts of an Object are Important When Determining the Relative Size of One Part? 
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18) Detecting Target Displacements Across Eye Movements: How can Non-targets Work as Landmarks?
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19) Weapon Detection in Image Fusion Using Systems Factorial Technology
Zhang & Houpt

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**Attention**

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