

Miranda Scolari

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Education

- 2008-present: Ph.D. pending, University of California, San Diego, Psychology
Advisor: Dr. John Serences
- 2007-08: University of California, Irvine, Cognitive Sciences
Advisor: Dr. John Serences
- 2005-07: M.A., University of Oregon, Psychology
Advisor: Dr. Edward Awh
- 2000-04: B.A. with Magna Cum Laude, Willamette University, Psychology
Advisor: Dr. Mark Stewart

Research History

- 2005-2007: Graduate Assistant Fellow, University of Oregon under the supervision of Dr. Edward Awh
- 2005: Research Assistant, Oregon Health & Science University under the supervision of Dr. Ryan Olson
- 2004: Student Intern, Oregon Health & Science University under the supervision of Dr. Kent Anger
- 2002-2004: Research Assistant, Willamette University under the supervision of Dr. Mark Stewart

Awards & Honors

- 2007: Graduate Fellowship, University of California, Irvine, School of Social Sciences
- 2004: Member of Phi Beta Kappa, Willamette University Chapter
- 2004: Department Honors, Psychology Dept., Willamette University
- 2003-2004: President of Psi Chi, Willamette University Chapter
- 2003-2004: Historian of Mortar Board, Willamette University Chapter
- 2003: Carson Undergraduate Research Grant recipient, Willamette University
- 2003: Student Member of Professorial Search Committee, Psychology Dept., Willamette University
- 2002-2004: Mary Stuart Rogers Scholarship recipient, Willamette University
- 2001: Datatel Scholarship recipient, Willamette University

Publications

Serences, J., Saproo, S., Scolari, M., Ho, T., Muftuler, T. (in press). Estimating the influence of attention on population codes in human visual cortex using voxel-based tuning functions. *NeuroImage*.

Serences, J., Scolari, M., & Awh, E. (in press). On-line response-selection and the attentional blink: Multiple-processing channels. *Visual Cognition*.

Scolari, M., Vogel, E. K., & Awh, E. (2008). Perceptual expertise enhances the resolution but not the number of representations in working memory. *Psychonomic Bulletin & Review*, *15*, 1, 215-222.

Scolari, M., Kohnen, A., Barton, B., & Awh, E. (2007). Spatial attention, preview, and popout: Which factors influence critical spacing in crowded displays? *Journal of Vision*, *7*, 2, 1-23.

Manuel, J. C., Sunseri, M. A., Olson, R., & Scolari, M. (2007). A diagnostic approach to increase reusable dinnerware selection in a cafeteria. *Journal of Applied Behavior Analysis*, *40*, 2, 301-310.

Manuscripts in Preparation

Scolari, M., Ishikawa, J., & Awh, E. Attention biases competition between individuated objects.

Scolari, M. & Serences, J. Optimally attending to perceptual learning.

Umemoto, A., Scolari, M., Vogel, E. K., & Awh, E. Implicit knowledge about target location guides encoding into visual working memory.

Williamson, K., Scolari, M., Jeong, S. K., Kim, M.-S., Awh, E. (submitted). Experience-dependent changes in the topography of visual crowding.

Posters & Presentations

Scolari, M. & Serences, J. (May 2008). "Estimating the shape of the feature-based attentional gain function." Poster presented at Visual Sciences Society annual meeting, Naples, FL.

Scolari, M. & Serences, J. (April 2008). "Individual differences in attentional strategy based on modulation of the gain function." Talk presented at the Center for Cognitive Neuroscience quarterly meeting, University of California, Irvine.

Scolari, M., Vogel, E. K., & Awh, E. (November 2007). "Perceptual expertise enhances the resolution but not the number of representations in working memory." Poster presented at Psychonomics annual meeting, Long Beach, CA.

Scolari, M., Ishikawa, J., & Awh, E. (August 2007). "Attention biases competition between individuated objects." Talk presented at Cognitive Science Association for Interdisciplinary Learning (CSAIL) annual meeting, Hood River, OR.

Scolari, M., Kohnen, A., Barton, B., & Awh, E. (May 2007). "Attention does not influence critical spacing." Poster presented at Visual Sciences Society annual meeting, Sarasota, FL.

Scolari, M., Kohnen, A., Barton, B., & Awh, E. (August 2006). "Spatial attention, preview, and popout: Can diminished crowding effects be explained by reductions in critical spacing?" Poster presented at CSAIL annual meeting, Hood River, OR.

Scolari, M.R., Schroeder, A. L., Stewart, M. T. (April 2004) "The impact of synesthetic photisms on memory for words." Poster presented at the Western Psychological Association annual meeting, Phoenix, AZ.

Schroeder, A. L. & Scolari, M.R. (March 2004) "Perception and memory in grapheme-color synesthesia." Talk presented at the annual Student Scholarship Recognition Day, Willamette University, Salem, OR.

Scolari, M.R., Schroeder, A. L., Stewart, M. T. (February 2004) "Synesthesia and memory for colored words." Talk presented at the Oregon Academy of Science annual meeting, Portland State University, Portland, OR.

Teaching Experience

Fall 2008:

Teaching Assistant, *General Psychology: Cognitive Foundations*, UC San Diego,
Supervisor: Dr. David Peterzell

Winter 2008:

Teaching Assistant, *Computer Research in Social Sciences*, UC Irvine, Supervisor: Dr.
Rebecca Brandy Griffin

Fall 2007:

Teaching Assistant, *Introduction to Psychology*, UC Irvine, Supervisor: Dr. Lawrence
Howard

Winter 2007, Spring 2007:

ERP Technique Instructor, University of Oregon, Supervisor: Dr. Edward Awh

Fall 2006:

Guest-Lecturer, *Honors Mind & Brain*, University of Oregon, Supervisor: Dr. Edward Awh

Winter 2006:

Teaching Assistant, *Perception*, University of Oregon, Supervisor: Dr. Margaret Sereno