Christopher Cox

Education

2011 **M.S. Cognitive Psychology**, *University of Wisconsin*, Madison.

2009 **B.S. Psychology**, *DePaul University*, Chicago, IL, *Magna cum Laude*.

2009 **B.A. Economics**, *DePaul University*, Chicago, IL, *Magna cum Laude*.

Professional Experience

Research Experience

2010–present **Graduate Student**, *Advisors: Timothy T. Rogers and Mark S. Seidenberg, University of Wisconsin*, Madison, WI.

2009–2010 **Operations Research Analyst**, *TRADOC, US Department of Defense*, White Sands, NM.

2007–2009 **Research Assistant**, *Supervisor: Pablo Gomez, DePaul University*, Chicago, IL.

Teaching/Mentoring Experience

2014 **PREP Student Mentor**, *University of Wisconsin*, Madison.
Advised and mentored a talented undergraduate for 11 weeks during the summer as part of the Psychological Research Experience Program (PREP). PREP provides intensive mentoring and experience in scientific research and professional development to undergraduates from historically underrepresented populations.

2013–2014 **Teacher's Assistant**, *Univeristy of Wisconsin*, Madison.
Graduate level statistics course in the Psychology Department with emphasis on regression and hierarchical linear models. Course was co-taught by John Curtin and Markus Brauer.

2013 **Guest lecture**, *Univeristy of Wisconsin*, Madison.
Invited by Anja Wanner to give a guest lecture in ENG 413 "English Words: Grammar, Culture, Mind" on the neural representation of word meanings.

Selected Professional Honors/Rewards

2013 **Rumelhart Memorial Travel Award**.
Awarded to best first-author student and post-doc submissions to the Neural Computation and Psychology Workshop

2013 **Neural Information Processing Systems (NIPS) Spotlight Talk**.
There were 1420 submissions to NIPS13. Of these, 52 were selected for spotlight presentations.

2010 **Official Commendation from US ARMY**.
Awarded by the Director of the TRADOC Analysis Center, Colonel Garrett R. Lambert.

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Grants/Scholarships

2014 **Schwartz Grant**, *Departmental award totaling $4000.*

2011–2014 **Hertz Grant**, *Departmental travel award.*
Awarded each year to offset traveling to present first author poster or paper.

2009 **SMART Scholarship**, *Department of Defense.*
The Science, Mathematics And Research for Transformation (SMART) Scholarship for Service Program (http://smart.asee.org/).

2005 **Centennial Scholarship**, *DePaul University.*

Association Memberships

- Cognitive Neuroscience Society

Publications

Journal Publications

Cox, C. R. & Rogers, T. T. (under review). Taking distributed representations seriously in functional brain imaging. *Journal of Cognitive Neuroscience*.

Cox, C. R., Seidenberg, M. S., & Rogers, T. T. (2015). Connecting functional brain imaging and parallel distributed processing. *Language, Cognition and Neuroscience*, *30*(4), 380–394. doi:10.1080/23273798.2014.994010

Rao, N., Nowak, R., Cox, C. R., & Rogers, T. T. (2014). Logistic regression with structured sparsity. *CoRR*, *abs/1402.4512*. Retrieved from http://arxiv.org/abs/1402.4512

Rao, N., Cox, C. R., Nowak, R., & Rogers, T. T. (2013). Sparse Overlapping Sets Lasso for multitask learning and its application to fMRI analysis. In C. Burges, L. Bottou, M. Welling, Z. Ghahramani, & K. Weinberger (Eds.), *Advances in neural information processing systems 26* (pp. 2202–2210). Curran Associates, Inc.

Chapters

Rogers, T. T. & Cox, C. R. (2015). Revisiting a golden age hypothesis in the era of cognitive neuroscience. *The Wiley Handbook on The Cognitive Neuroscience of Memory*, 60.

Refereed Conference Posters

Cox, C. R., Jain, L., Murphy, A., Jamieson, K., Glattard, N., Fernandez, C., ... Rogers, T. T. (2015). NEXT: accelerating the pace of scientific discovery. Poster presented at 4th Wisconsin Alumni Research Foundation Discovery Challenge, Madison, WI.

Cox, C. R., Lu, Q., & Rogers, T. T. (2015). SOS Lasso: a new method for finding distributed representations in fMRI data. Poster presented at the 22st meeting of the Cognitive Neuroscience Society, San Francisco, CA.

Cox, C. R., Rao, N., Nowak, R., & Rogers, T. T. (2014). SOS Lasso: a new method for finding distributed representations in fMRI data. Poster presented at the 21st meeting of the Cognitive Neuroscience Society, Boston, MA.

Cox, C. R., Malekpour, S., Nowak, R., & Rogers, T. T. (2012). A new method for fMRI analysis suggests that representations of word meaning are radically distributed. Poster presented at 1st Wisconsin Alumni Research Foundation Discovery Challenge, Madison, WI.

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Cox, C. R., Seidenberg, M. S., Binder, J. R., Desai, R. H., & Rogers, T. T. (2012a). Are semantic representations of words radically distributed? Poster presented at 13th meeting of the Neural Computation and Psychology Workshop, Donastia-San Sebastian, Spain.

Cox, C. R., Seidenberg, M. S., Binder, J. R., Desai, R. H., & Rogers, T. T. (2012b). Are semantic representations of words radically distributed? Poster presented at 19th Meeting of the Cognitive Neuroscience Society, Chicago, IL.

Gomez, P., Cox, C. R., & Geller, J. (2011). Modeling corrective saccades. Poster presented at 41st Meeting of the Society for Computers in Psychology Meeting, Seattle, WA.

Cox, C. R. & Gomez, P. (2009). Are semantic representations of words radically distributed? Poster presented at the 50th Annual Meeting of the Psychonomic Society, Boston, MA.

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