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EDUCATION

2011 Ph.D. University of Wisconsin–Madison, Psychology (expected)
2005 M.S. University of Wisconsin–Madison, Psychology
2002 B.S. Davidson College, Psychology major (honors), Gender studies concentration
(cum laude)

RESEARCH EXPERIENCE

2004-Pres. Graduate Research Assistant, University of Wisconsin Research on Autism,
University of Wisconsin–Madison, Advisors: Morton Ann Gernsbacher and H.
Hill Goldsmith
2003-2004 Laboratory Manager, EEG Laboratory, Drexel University, Supervisor: John
Kounios
2002-2003 Research Specialist, Cognitive Electrophysiology Laboratory, University of
Pennsylvania, Supervisor: John Kounios
2000-2001 Research Assistant, Cognitive Aging Laboratory, Davidson College, Advisor:
Kristi Multhaup

HONORS AND AWARDS

2010 Menzies Research Award, University of Wisconsin–Madison [\$500]
2010 Graduate Student Peer Mentor Award, University of Wisconsin–Madison
2010 Vilas Travel Grant, University of Wisconsin–Madison [\$600]
2009 Research Travel Award, Royalty Research Fellowship, University of
Wisconsin–Madison [\$400]
2009 Menzies Research Award, University of Wisconsin–Madison [\$350]
2006 Research Travel Award, Roderick Menzies Memorial Scholarship, University of
Wisconsin–Madison [\$300]
2006 Student Travel Award, International Meeting for Autism Research [\$500]
2005 Honorable Mention, National Science Foundation Graduate Research
Fellowship
2005 Graduate Student Research Award, University of Wisconsin-Madison [\$400]
2002 Phi Beta Kappa, National Honor Society
2001 Omicron Delta Kappa, National Honor Society
2001 Abernethy Research Grant, Davidson College [\$1700]
2001 William Gatewood Workman Psychology Award, Davidson College
2001 Student Travel Award, Davidson College [\$250]
2000 Psi Chi, National Honor Society

PUBLICATIONS

- Stevenson, J.L.**, Harp, B., & Gernsbacher, M.A. (in press). Infantilizing autism. *Disability Studies Quarterly*.
- Stevenson, J.L.**, & Kellett, K.A. (in press). Can Magnetic Resonance Imaging aid diagnosis of the autism spectrum? *The Journal of Neuroscience*.
- Kellett, K.A., **Stevenson, J.L.**, & Gernsbacher, M.A. (in press). What roles does the cerebellum play in language processing? In M. Faust (Ed.), *Neuropsychology of language: Advances in the neural substrates of language: Toward a synthesis of basic science and clinical research*. Wiley Blackwell.
- Fleck, J.I., Green, D.L., **Stevenson, J.L.**, Payne, L., Bowden, E.M., Jung-Beeman, M., & Kounios, J. (2008). The transliminal brain at rest: Default-state EEG, unusual experiences, and access to unconscious mental activity. *Cortex*, *44*, 1353-1363.
- Gernsbacher, M.A., **Stevenson, J.L.**, Khandakar, S., & Goldsmith, H.H. (2008). Why does joint attention look atypical in autism? *Child Development Perspectives*, *2*, 38-45.
- Gernsbacher, M.A., **Stevenson, J.L.**, Khandakar, S., & Goldsmith, H.H. (2008). Autism research: Policy implications and empirical nuance. *Child Development Perspectives*, *2*, 49-52.
- Kounios, J., Fleck, J.I., Green, D.L., Payne, L., **Stevenson, J.L.**, Bowden, E.M., & Jung-Beeman, M. (2008). The origins of insight in resting-state brain activity. *Neuropsychologia*, *46*, 281-291.
- Polikar, R., Topalis, A., Parikh, D., Green, D., **Frymiare, J.**, Kounios, J., & Clark, C.M. (2008). An ensemble based data fusion approach for early diagnosis of Alzheimer's disease. *Information Fusion*, *9*, 83-95.
- Angelakis, E., Stathopoulou, S., **Frymiare, J.L.**, Green, D.L., Lubar, J.F., & Kounios, J. (2007). Neurofeedback in clinical neuropsychology: A brief overview and an example of increasing EEG alpha frequency as a strategy for improving cognitive functioning in the elderly. *The Clinical Neuropsychologist*, *21*, 110-129.
- Kounios, J., **Frymiare, J.L.**, Bowden, E.M., Fleck, J.I., Subramaniam, K., Parrish, T.B., & Jung-Beeman, M. (2006). The prepared mind: Neural activity prior to problem presentation predicts subsequent solution by sudden insight. *Psychological Science*, *17*, 882-890.
- Zeffiro, T.A., & **Frymiare, J.L.** (2006). Issues related to language and communication studies using functional neuroimaging. In M. Traxler & M.A. Gernsbacher (Eds.), *Handbook of Psycholinguistics* (2nd ed., pp. 125-150). San Diego, CA: Elsevier.
- Gernsbacher, M.A., & **Frymiare, J.L.** (2005). Does the autistic brain lack core modules? *Journal of Developmental and Learning Disorders*, *9*, 3-16.
- Jung-Beeman, M., Bowden, E.M., Haberman, J., **Frymiare, J.L.**, Arambel-Liu, S., Greenblatt, R., Reber, P.J., & Kounios, J. (2004). Neural activity observed in people solving verbal problems with insight. *Public Library of Science-Biology*, *2*, 500-510.

MANUSCRIPT UNDER REVIEW

- Stevenson, J.L.**, Stilp, R.L., Goldsmith, H.H., & Gernsbacher, M.A. (under review). A meta-analysis of amygdala size in individuals on the autism spectrum.

MANUSCRIPTS IN PREPARATION

- Stevenson, J.L.**, & Gernsbacher, M.A. (in preparation). Investigating brain-behavior correlations: Lessons from autism research.

Stevenson, J.L., Schweigert, E.K., Stilp, R.L., Kovar, N.A., Goldsmith, H.H., & Gernsbacher, M.A. (in preparation). A twin study of the role of praxis in gesture imitation and social-communication ability in autism.

CONFERENCE PRESENTATIONS

- Kellett, K.A., **Stevenson, J.L.**, Vlach, B.A., & Gernsbacher, M.A. (2010, November 11). *Reduced left pars opercularis volume is associated with reduced action execution proficiency in children on the autistic spectrum*. Poster to be presented the annual Brain Research Conference, San Diego, CA.
- Stevenson, J.L.**, Schweigert, E.K., Stilp, R. L., Goldsmith, H. H., & Gernsbacher, M. A. (2010, April). *Praxis predicts imitation and communication*. Oral presentation given at the annual meeting of the Midwestern Psychological Association, Chicago, IL.
- Stevenson, J.L.**, Schweigert, E.K., Hefter, R.L., Goldsmith, H.H., & Gernsbacher, M.A. (2009, June). *Role of praxis in assessing social-communication ability in autism*. Poster presented at the annual meeting of the Society for Research in Child Language Disorders, Madison, WI.
- Kellett, K.A., **Stevenson, J.L.**, Vlach, B.A., Goldsmith, H.H., & Gernsbacher, M.A. (2009, May). *The potential contribution of the left IFG to the autistic phenotype: A case study of monozygotic twins*. Poster presented at the annual International Meeting for Autism Research, Chicago, IL.
- Stevenson, J.L.**, Krause, N.A., Schweigert, E.K., Goldsmith, H.H., & Gernsbacher, M.A. (2009, May). *A twin study of gesture execution, imitation, and identification*. Poster presented at the annual International Meeting for Autism Research, Chicago, IL.
- Stevenson, J.L.**, Kellett, K.A., Schweigert, E.K., Goldsmith, H.H., & Gernsbacher, M.A. (2008, June). *Whole-brain structural imaging in autistic children: A comparison of spatial normalization to adult versus pediatric templates*. Poster presented at the annual meeting of the Society for Research in Child Language Disorders, Madison, WI.
- Kees, E.K., Krause, N.A., **Frymiare, J.L.**, Goldsmith, H.H., & Gernsbacher, M.A. (2006, November). *Imitation difficulties in autism: Observation or execution?* Poster presented at the annual meeting of the Psychonomics Society, Houston, TX.
- Frymiare, J.L.**, Hefter, R.L., Goldsmith, H.H., & Gernsbacher, M.A. (2006, June). *Does amygdala size differ in individuals on the autism spectrum compared to typically developing individuals?: A meta-analysis*. Poster presented at the annual International Meeting for Autism Research, Montreal, Canada.
- Frymiare, J.L.**, Zeffiro, T.A., VanMeter, J.W., Goldsmith, H.H., & Gernsbacher, M.A. (2006, May). *What do familiar face and voice processing have in common? An fMRI investigation*. Poster presented at the annual meeting of the Midwestern Psychological Association, Chicago, IL.
- Topalis, A., Stepenosky, N., **Frymiare, J.**, Kounios, J., Clark, C., & Polikar, R. (2005, June). *Comparison of ERP spectral bands for early diagnosis of Alzheimer disease using multiresolution wavelet analysis*. Paper presented at the Alzheimer's Association International Conference on Prevention of Dementia, Washington, DC.
- Stepenosky, N., Topalis, A., **Frymiare, J.**, Kounios, J., Clark, C., & Polikar, R. (2005, June). *Comparison of Pz, Fz and Cz event related potentials for the early diagnosis of Alzheimer's disease*. Paper presented at the ASME Summer Bioengineering Conference, Vail, CO.
- Kounios, J., Angelakis, E., Stathopoulou, S., **Frymiare, J.L.**, & Green, D.L. (2005, April). *EEG neurofeedback for cognitive enhancement: A pilot study of a protocol for reversing normal cognitive aging*. Poster presented at the annual meeting of the Cognitive Neuroscience Society, New York City, NY.

- Jacques, G., **Frymiare, J.L.**, Kounios, J., Clark, C., & Polikar, R. (2005, March). *Multiresolution wavelet analysis and ensemble of classifiers for early diagnosis of Alzheimer's disease*. Paper presented at the annual meeting of IEEE International Conference on Acoustics and Signal Processing (ICASSP), Philadelphia, PA.
- Polikar, R., Jacques, G., Kounios, J., **Frymiare, J.L.**, & Clark, C. (2004, September). *Comparative multiresolution analysis of P300 for early diagnosis of Alzheimer's disease*. Paper presented at the annual meeting of the Biomedical Engineering Society, Philadelphia, PA.
- Jacques, G., **Frymiare, J.L.**, Kounios, J., Clark, C., & Polikar, R. (2004, September). *Multiresolution analysis for early diagnosis of Alzheimer's disease*. Paper presented at the annual meeting of the IEEE Engineering in Medicine and Biology Society, San Francisco, CA.
- Angelakis, E., Kounios, J., Stathopoulou, S., & **Frymiare, J.L.** (2004, August). *Peak alpha frequency neurofeedback training for cognitive enhancement in the elderly: A pilot study*. Paper presented at the annual meeting of the International Society for Neuronal Regulation, Fort Lauderdale, FL.
- Greenblatt, R. E., Kounios, J., & **Frymiare, J.** (2004, April). *Action planning: A human electrophysiology pilot study*. Poster presented at the annual meeting of the Cognitive Neuroscience Society, San Francisco, CA.
- Frymiare, J.L.**, Jung-Beeman, M., Bowden, E.M., Liu, S., & Kounios, J. (2004, April). *Brain oscillations prior to problem presentation predict solution by sudden insight*. Poster presented at the annual meeting of the Cognitive Neuroscience Society, San Francisco, CA.
- Angelakis, E., Kounios, J., **Frymiare, J.**, & Stathopoulou, S. (2003, September). *Brain function for semantic processes with 128-channel EEG*. Poster presented at the annual meeting of the International Society for Neuronal Regulation, Houston, TX.
- Kounios, J., Beeman, M.J., Lui, S., **Frymiare, J.**, Angelakis, E., & Stathopoulou, S. (2003, March). *The spark of insight: Electrophysiological correlates of the 'aha!' experience in problem solving*. Poster presented at the annual meeting of the Cognitive Neuroscience Society, New York City, NY.
- McRae, K., **Frymiare, J.**, Angelakis, E., Stathopoulou, S., Paivio, A., & Kounios, J. (2003, March). *Temporal and spatial loci of concreteness effects in semantic memory*. Poster presented at the annual meeting of the Cognitive Neuroscience Society, New York City, NY.
- Dobey, K., Multhaup, K.S., **Frymiare, J.L.**, & Philpott, J.M. (2001, March). *Is the word-length effect due to decay or interference?* Poster presented at the annual meeting of the Southeastern Psychological Association, Atlanta, GA.

TEACHING AND MENTORING EXPERIENCE

Lecturer

- Fall, 2010 *Basic Statistics for Psychology*, University of Wisconsin–Madison
- Spring, 2010 *Individual Differences in Cognitive Processing*, University of Wisconsin–Madison
- Fall, 2009 *Basic Statistics for Psychology*, University of Wisconsin–Madison
- Summer, 2009 *Individual Differences in Cognitive Processing*, University of Wisconsin–Madison
- Summer, 2008 *Individual Differences in Cognitive Processing*, University of Wisconsin–Madison

Teaching Assistant

Spring, 2009 *Exploring Autism*, University of Wisconsin–Madison
Spring, 2005 *Exploring Autism*, University of Wisconsin–Madison
Fall, 2004 *Exploring Autism*, University of Wisconsin–Madison

Guest Lecturer

August 3, 2010 *Child Psychology*, University of Wisconsin–Madison
Professor: Melissa Brandon, Lecture Title: Understanding Autism
May 4, 2010 *Behavioral Neuroscience*, University of Wisconsin–Madison
Professor: Cathy Augur, Lecture Title: Understanding Autism
April 30, 2009 *Child Psychology*, University of Wisconsin–Madison
Professor: Jenny Saffran, Lecture Title: Understanding Autism
April 29, 2009 *Behavioral Neuroscience*, University of Wisconsin–Madison
Professor: Cathy Augur, Lecture Title: Autism: Knowns and Unknowns
April 28, 2009 *Cognitive Psychology*, University of Wisconsin–Madison
Professor: Timothy Rogers, Lecture Title: Problem Solving
April 15, 2009 *Exploring Autism*, University of Wisconsin–Madison
Professor: Morton Ann Gernsbacher, Lecture Title: Autistic Intelligence
Nov 19, 2008 *Basic Statistics for Psychology*, University of Wisconsin–Madison
Professor: Sara Lindberg, Lecture Title: Two-Way Analysis of Variance
April 25, 2008 *C-NERVE Program*, University of Wisconsin–Stout
Professor: Desiree Budd, Lecture Title: Action Execution in Autism: Integrating
Behavior, Brain Structure, and Brain Function
Nov 15, 2007 *Autism Research*, University of Wisconsin–Madison
Professor: Morton Ann Gernsbacher, Lecture Title: Making Sense of
Neurofunctional Signatures of Autism: Integrating Brain Function and Structure
Sept 29, 2005 *Autism Research*, University of Wisconsin–Madison
Professor: Morton Ann Gernsbacher, Lecture Title: Familiar Face and Voice
Processing

Undergraduate Student Advisees (and research topic)

2010-Pres Mark Resnick, Internet-Based Studies of Problem Solving in Autism
2010 Michelle Radle, Internet-Based Studies of Problem Solving in Autism
2009-2010 Jean Deprey, Speech and Motor Investigation of Autism
2009-2010 Maia Ledesma, Speech and Motor Investigation of Autism
2009 Katie Doering, Improving Language Phenotypes for Genetic Analysis
2009 Nichole Whaley, Internet-Based Studies of Problem Solving in Autism
2008-2009 Rachael Harden, Community-Based Participatory Research: Modifying the
Broad Autism Phenotype Questionnaire
2008-2009 Rachel Zabit, The Distribution of Autistic Traits
2008 Anna Zinger, Speech and Motor Investigation of Autism
2008 Michelle Case, The Role of the Cerebellum and Language in Autism
2007-2008 Danielle Pelsue, The Role of the Cerebellum and Language in Autism

Teaching Workshops

Spring, 2010 Creating a Collaborative Learning Environment, University of Wisconsin–
Madison
Fall, 2009 Creating a Collaborative Learning Environment, University of Wisconsin–
Madison
May, 2009 Teaching and Learning Symposium, University of Wisconsin–Madison
May, 2008 Teaching and Learning Symposium, University of Wisconsin–Madison
February, 2008 Writing Teaching and Learning Philosophies, University of Wisconsin–Madison

PROFESSIONAL MEMBERSHIPS AND AFFILIATIONS

American Psychological Association
 Division 2, Teaching of Psychology
 Division 3, Experimental Psychology
 Division 6, Behavioral Neuroscience and Comparative Psychology
Association for Psychological Science
Cognitive Neuroscience Society
International Society for Autism Research

PROFESSIONAL SERVICE

Campus Representative, *Association for Psychological Science Student Caucus* (2009-Pres)
Ad-Hoc Reviewer, *Brain Research* (2009), *Cognitive Psychology* (2008), *Neuroimage* (2009, 2007)
Senior Reviewer, *Association for Psychological Science Student Caucus* (2008-Pres)
User Crew, *Blackwell Reference Online* (2008-Pres), *Language and Linguistics Compass* (2008-Pres)
Graduate Student Representative, *University of Wisconsin-Madison Psi Chi Research Fair* (2008-Pres)
Program Committee, *Symposium on Research in Child Language Disorders* (2006-Pres)
Student Volunteer, *Cognitive Neuroscience Society* (2005)