

SCOTT H. FRAUNDORF

Curriculum Vitae – April 22, 2012

University of Illinois at Urbana-Champaign
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EDUCATION

- in progress Ph.D. in cognitive psychology (expected 2012)
 Minor in quantitative psychology
 University of Illinois at Urbana-Champaign
- 2009 M.A. in cognitive psychology
 University of Illinois at Urbana-Champaign
- 2006 B.A. in psychology, *summa cum laude*, departmental honors
 Clark Honors College at the University of Oregon

RESEARCH EXPERIENCE

- 2006–present Research assistant (advisers: Duane Watson and Aaron Benjamin)
 Prosody, disfluency, language and memory across the lifespan, metamemory
 University of Illinois at Urbana-Champaign
- 2007 Consultant (advisers: Michael Posner and Mary Rothbart)
 Development of executive attention, language acquisition
 University of Oregon
- 2005–2006 Research coordinator (advisers: Michael Posner and Mary Rothbart)
 Development of executive attention, language acquisition
 University of Oregon
- 2004–2005 Research assistant (advisers: Michael Posner and Mary Rothbart)
 Development of executive attention
 University of Oregon

PROFESSIONAL INTERESTS

- Research (broad) Psycholinguistics, memory, cognitive aging, metacognition, statistical modeling, cognitive development, attention, decision making
- Research (specific) Prosody, individual differences in language comprehension, disfluency, language and memory across the lifespan, metamemory, hierarchical linear models, executive attention, language acquisition, working memory, decision making
- Teaching Psycholinguistics, learning and memory, cognition, cognitive aging, cognitive development, attention, language acquisition, introductory statistics, graduate statistics, introductory psychology, research programming

HONORS AND AWARDS

- 2011–present Traineeship in National Institutes of Health Language Processing Training Program
University of Illinois at Urbana-Champaign
- 2007–2011 National Science Foundation Graduate Research Fellowship
- 2011 Graduate College Travel Award
Competitive grant awarded at the college level to fund conference travel
University of Illinois at Urbana-Champaign
- Spring 2009 List of Teachers Ranked as Excellent by their Students
Awarded to instructors rated at least 4.4 out of 5.0 on student evaluations
“Outstanding” rating (top 10% of student evaluations on campus)
For course “Introduction to Psychology”
University of Illinois at Urbana-Champaign
- Fall 2008 List of Teachers Ranked as Excellent by their Students
For course “Introduction to Psychology”
University of Illinois at Urbana-Champaign
- 2006–2007 Illinois Distinguished Fellowship
Full three-year fellowship awarded at the university level to “exceptional”
graduate students
University of Illinois at Urbana-Champaign
Declined 2008-2010
- 2005 Alice C. Thompson Award for best undergraduate research in psychology
University of Oregon
- 2001–2005 Undergraduate honors, University of Oregon
Selected for membership in Psi Chi
Dean’s list (8 terms)

PUBLICATIONS

- Fraundorf, S. H., Watson, D. G., & Benjamin, A. S. (2012). The effects of age on the strategic use of pitch accents in memory for discourse: A processing-resource account. *Psychology and Aging, 27*, 88-98.
- Fraundorf, S. H., & Watson, D. G. (2011). The disfluent discourse: Effects of filled pauses on recall. *Journal of Memory and Language, 65*, 161-175.
- Fraundorf, S. H., Watson, D. G., & Benjamin, A. S. (2010). Recognition memory reveals just how *contrastive* contrastive accenting really is. *Journal of Memory and Language, 63*, 367-386.
- Fraundorf, S. H., & Watson, D. G. (2008). Dimensions of variation in disfluency production in discourse. In J. Ginzburg, P. Healey, & Y. Sato (Eds.), *Proceedings of LONDIAL 2008, the 12th Workshop on the Semantics and Pragmatics of Dialogue* (pp. 131-138). London: King’s College London.
- Sheese, B. E., Rothbart, M. K., Posner, M. I., White, L. K., & Fraundorf, S. H. (2008). Executive attention and self-regulation in infancy. *Infant Behavior and Development, 31*, 501-510.

MANUSCRIPTS IN PREPARATION

- Fraundorf, S. H., Watson D. G., & Benjamin, A. S. (under review). (Some) prosodic prominence predicts recall: Implications for theories of prosody and repetition.
- Fraundorf, S. H., & Watson, D. G. (under review). Alice's adventures in *um*-derland: Psycholinguistic dimensions of variation in disfluency production.
- Fraundorf, S. H., Benjamin, A. S., & Watson, D. G. (under review). Slow down!: Increased reading time of words with font emphasis predicts beneficial contrast effects in memory.
- Fraundorf, S. H., & Benjamin, A. S. (under review). Conflict and metacognitive control: Effects of others' knowledge states on recall.
- Fraundorf, S. H., & Benjamin, A. S. (in preparation). Knowing the crowd within: Multiple estimations reveal contributions of theory and experience to metacognitive judgments.
- Hourihan, K. L., Fraundorf, S. H., & Benjamin, A. S. (in preparation). Same faces, different labels: Generating the cross-race effect in face memory with social category information alone.
- Fraundorf, S. H., Lee, E.-K., & Watson, D. G. (in preparation). Contributions of language experience to individual differences in syntactic processing: Evidence from multi-level models.

CONFERENCE PRESENTATIONS

- Fraundorf, S. H., & Watson D. G. (2012, March). The accent by the adjunct: Pitch accenting interacts with argument structure and previous reference in online reference resolution. Poster presented at CUNY 2012: Conference on Human Sentence Processing, New York, NY.
- Fraundorf, S. H., Lee, E.-K., & Watson D. G. (2012, March). Language experience accounts for individual differences in syntactic processing: Evidence from multi-level modeling. Poster presented at CUNY 2012: Conference on Human Sentence Processing, New York, NY.
- Brown-Schmidt, S., & Fraundorf, S. H. (2012, March). Common ground and interactive feedback in online language understanding: The role of attentional and executive networks. Poster presented at CUNY 2012: Conference on Human Sentence Processing, New York, NY.
- Fraundorf, S. H., & Benjamin, A. S. (2011, November). Effects of others' knowledge states on metacognitive control of recall. Poster presented at the 52nd Annual Meeting of the Psychonomic Society, Seattle, WA.
- Hourihan, K. L., Fraundorf, S. H., & Benjamin, A. S. (2011, November). Same faces, different labels: Generating the cross-race effect in face memory with social category information. Poster presented at the 52nd Annual Meeting of the Psychonomic Society, Seattle, WA.

- Fraundorf, S. H., Watson, D. G., & Benjamin, A. S. (2011, March). Are older adults less strategic in discourse processing?: Evidence from pitch accents. Poster presented at CUNY 2011: Conference on Human Sentence Processing, Stanford, CA and at Education for a Lifetime: Minds, Brains and New Literacies, Urbana, IL.
- Fraundorf, S. H., & Watson, D. G. (2010, September). Who cares about prosody?: Predicting individual differences in sensitivity to pitch accent in online reference resolution. Poster presented at Architectures and Mechanisms for Language Processing 2010, York, England.
- Fraundorf, S. H., & Watson, D. G. (2010, September). The disfluent discourse: Effects of filled pauses on recall. Poster presented at Architectures and Mechanisms for Language Processing 2010, York, England.
- Fraundorf, S. H., Watson, D. G., & Benjamin, A. S. (2010, March). Recall predicted by reduction in intensity but not duration: Implications for theories of prominence. Poster presented at CUNY 2010: Conference on Human Sentence Processing, New York, NY.
- Fraundorf, S. H., Watson, D. G., & Benjamin, A. S. (2009, March). Is contrastive accenting really CONTRASTIVE?: Effects of contrastive accenting on processing in a discourse. Poster presented at CUNY 2009: Conference on Human Sentence Processing, Davis, CA.
- Fraundorf, S. H., Watson, D. G., & Benjamin, A. S. (2008, November). Effects of prosodic stress on memory in language comprehension. Poster presented at the 49th Annual Meeting of the Psychonomic Society, Chicago, IL.
- Fraundorf, S. H., Sheese, B. E., White, L. K., Rothbart, M. K., & Posner, M. I. (2008, May). Dissociable effects of attention and parent-child interaction on language acquisition. Poster presented at the 2008 meeting of the Association for Psychological Science, Chicago, IL.
- Fraundorf, S. H., Watson, D. G., & Benjamin, A. S. (2008, April). Effect of pitch accents on memory in language comprehension. Poster presented at Experimental and Theoretical Advances in Prosody, Ithaca, NY and at CUNY 2008: Conference on Human Sentence Processing, Chapel Hill, NC.
- Fraundorf, S. H., & Watson, D. G. (2008, March). Alice's adventures in um-derland: Dimensions of variation in disfluency production. Poster presented at CUNY 2008: Conference on Human Sentence Processing, Chapel Hill, NC.
- Fraundorf, S. H., Sheese, B. E., White, L. K., Rothbart, M. K., & Posner, M. I. (2007, May). Brain derived neurotrophic factor gene polymorphism associated with language acquisition. Poster presented at the 2007 meeting of the Midwestern Psychological Association, Chicago, IL.
- Sheese, B. E., Fraundorf, S. H., White, L. K., Rothbart, M. K., & Posner, M. I. (2007, April). Language development and executive attention in infancy. Poster presented at the biennial meeting of the Society for Research in Child Development, Boston, MA.
- Sheese, B., Rothbart, M. K., White, L. Fraundorf, S., & Posner, M. I. (2006, August). The origin of executive attention during infant development. American Psychological Association Symposium, New Orleans, LA.

- Sheese, B. E., Rothbart, M. K., White, L. K., Fraundorf, S. H., & Posner, M. I. (2006, August). Executive attention, emotion, and emotion regulation in infancy. Poster presented at the annual conference of the International Society for Research in Emotions, Atlanta, GA.
- Fraundorf, S. H. (2005, May). Betrayal trauma and attention: Emotional processing systems affect response to trauma related information. Poster presented at the Fifth Annual Stanford Undergraduate Psychology Conference, Stanford, CA.

INVITED TALKS

- Fraundorf, S. H. (2012, March). What's parsed is prologue: The ties between language processing and long-term memory. Center for the Language Sciences, University of Rochester.
- Fraundorf, S. H. (2012, February). Knowing the crowd within: Multiple estimations reveal contributions of theory and experience to metacognitive judgments. Cognitive psychology talk series, Department of Psychology, University of Illinois at Urbana-Champaign.
- Fraundorf, S. H. (2012, January). Modeling comprehension of text: The roles of contrast and online processing. Remote talk for the School of Psychology, University of Kent.
- Fraundorf, S. H. (2011, March). Keeping up with the Joneses: Effects on others' knowledge states on metacognitive control of recall. Cognitive psychology talk series, Department of Psychology, University of Illinois at Urbana-Champaign.
- Fraundorf, S. H. (2009, December). What happened (and what didn't): Effects of pitch accenting on memory for discourse. Cognitive psychology talk series, Department of Psychology, University of Illinois at Urbana-Champaign.
- Fraundorf, S. H. (2009, March). Are contrastive accents *contrastive?*: Effects of pitch accenting on memory for discourse. Language processing talk series, Beckman Institute, University of Illinois at Urbana-Champaign.
- Fraundorf, S. H. (2008, February). Through thee, uh, looking glass: Dimensions of variation in disfluency production. Language processing talk series, Beckman Institute, University of Illinois at Urbana-Champaign.
- Fraundorf, S. H. (2007, August). Alice's adventures in um-derland: Dimensions of variation in disfluency production. Cognitive psychology talk series, Department of Psychology, University of Illinois at Urbana-Champaign.

PROFESSIONAL SERVICE AND OUTREACH

- 2011 Program committee, *Experimental and Theoretical Advances in Prosody*
- 2010–present Ad hoc reviewer
 CUNY Conference on Human Sentence Processing
 Journal of Experimental Psychology: Learning, Memory, and Cognition
 Journal of Memory and Language
 Psychonomic Bulletin & Review

- 2010–2011 Organizer, University of Illinois reading group on multilevel models
 Researched, lectured, and led discussion on multilevel models and signal detection theory for graduate students and faculty from multiple departments
- 2009–present Programmer, Cognitive Toolbox
 Created MATLAB toolbox used by four labs
 Trained new graduate students and post-doctorate researchers on basic and applied programming skills
- 2004–2006 Undergraduate service
 Webmaster, Psi Chi at University of Oregon
 Student guide, University of Oregon Duck Days (student recruitment)

TEACHING EXPERIENCE AND CERTIFICATIONS

- Fall 2011 Invited guest lecturer, “Basic Multilevel Modeling”
 Instructor: Sarah Brown-Schmidt
- Fall 2010 Invited guest lecturer, “Language: A User’s Guide”
 Instructor: Duane Watson
- Spring 2009 Graduate Teaching Certificate, University of Illinois at Urbana-Champaign
 Awarded to graduate instructors who achieve high student ratings and attend workshops on pedagogy
- Spring 2009 Primary instructor, “Introduction to Psychology”
 List of Teachers Ranked as Excellent by their Students
 “Outstanding” rating (top 10% of student evaluations on campus)
 Course director: Sandra Goss Lucas
- Fall 2008 Primary instructor, “Introduction to Psychology”
 List of Teachers Ranked as Excellent by their Students
 Course director: Sandra Goss Lucas
- Fall 2007 Invited guest lecturer, “Language Comprehension”
 Instructor: Duane Watson

MENTORING

- 2010 Career adviser, Champaign Unit #4 School District Education to Careers Program
 Supervised a high school student in conducting a research project in psychology
 Led discussions on psychology research & careers
- 2009 Advised 4 honors research projects in introductory psychology
- 2005–present Supervised approximately 30 undergraduate research assistants
 Trained research assistants on data collection and data coding
 Organized and led discussion group meetings for research assistants

PROFESSIONAL AFFILIATIONS

- 2010–present Student member, Cognitive Science Society
- 2008–present Student affiliate, Association for Psychological Science

SKILLS

Computer MATLAB (6 years), Psychophysics Toolbox 2 and 3 (6 years), Praat (5 years), R Project for Statistical Computing (5 years), EyeLink (3 years), Amazon Mechanical Turk (1 year)

Languages English (native), Japanese (beginning proficiency)

OTHER EXPERIENCE

2010–present Research programmer, Infant Cognition Lab (director: Renée Baillargeon)
Programmed MATLAB software to record and analyze infants' video viewing preferences. Consulted on development of novel experimental paradigm.

MEDIA COVERAGE

Some of my research has received coverage in the media. Below is a partial listing of where it has appeared.

Chartock, A. (Executive producer). (2012, March 13). *Academic Minute* [radio broadcast]. Albany, NY: WAMC.

Casino, G. (2012, February 6). Los oyentes necesitan los “eeeh” [Web log post]. Retrieved from <http://moliendadeciencia.wordpress.com/2012/02/06/los-oyentes-necesitan-los-eeeh/>

McGaughey, S. (2012, January 24). Don't ditch the 'ums'. Listeners need them [Web log post]. Retrieved from <http://www.futurity.org/science-technology/dont-ditch-the-ums-listeners-need-them/>

REFERENCES

- Dr. Duane G. Watson
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(217) 333-0280, dgwatson@illinois.edu
- Dr. Aaron S. Benjamin
Associate Professor of Psychology
University of Illinois at Urbana-Champaign
(217) 333-6822, asbenjam@illinois.edu
- Dr. Sarah Brown-Schmidt
Assistant Professor of Psychology
University of Illinois at Urbana-Champaign
(217) 244-4787, brownsch@illinois.edu
- Dr. Michael I. Posner
Distinguished Professor Emeritus of Psychology
University of Oregon
(541) 346-4939, mposner@uoregon.edu