

Curriculum Vitae

Alison M. Trude

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Dept. of Psychology
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Professional Positions

2013-present **POSTDOCTORAL SCHOLAR**
Department of Psychology, University of Chicago

Education

2008-2013 **PH. D. IN COGNITIVE PSYCHOLOGY**
Minor in Linguistics
Dissertation title: *Talker-specific adaptation: How listeners learn and use indexical information during speech processing*
University of Illinois at Urbana-Champaign

2010 **M.A. IN COGNITIVE PSYCHOLOGY**
Thesis title: *Online accommodation of regional accents*
University of Illinois at Urbana-Champaign

2004-2008 **B. S. IN PSYCHOLOGY & B. A. IN SPANISH**
Minor in Portuguese and Luso-Brazilian Culture
Thesis title: *Effects of transfer from English and Spanish on Portuguese pronunciation*
University of Pittsburgh, *summa cum laude*

Research Interests

Broad: psycholinguistics, speech perception, sleep and memory, conversation

Specific: perceptual learning during speech perception, adaptation to regional and foreign accents, sleep consolidation, phonetic accommodation, perspective taking, processing of figurative language, insight

Fellowships and Awards

- 2013 Sarah Mangelsdorf Award for Outstanding Female Graduate Student
- 2010-2013 National Science Foundation Graduate Research Fellowship
- 2010-2011 Trainee, National Institutes of Health Language Processing Training Grant
- 2009 Beckman Institute Cognitive Science/Artificial Intelligence Award
- 2009 List of Teachers Ranked as Excellent by Their Students, Fall 2009
Introduction to Psychology, University of Illinois at Urbana-Champaign
- 2009 University of Illinois Summer Supplemental Fellowship
- 2008-2009 University Fellow, University of Illinois at Urbana-Champaign
- 2007 NASA Pennsylvania Space Grant Undergraduate Research Award
- 2007 University of Pittsburgh Office of Experiential Learning Small Grant
- 2006 University of Pittsburgh Office of Experiential Learning Small Grant
- 2006 Dr. John Knox Hall, Jr. Psychology Scholarship, Department of Psychology, University of Pittsburgh
- 2006 Christine Toretta Foundation Undergraduate Research Award

Publications

- Trude, A. M., Duff, M. C., & Brown-Schmidt, S. (2014). Talker-specific learning in amnesia: Insight into mechanisms of adaptive speech perception. *Cortex*, *54*, 117-123.
- Trude, A. M. (2013). When to simulate and when to associate?: Accounting for inter-talker variability in the speech signal. Commentary on M.J. Pickering & S. Garrod, An integrated theory of language production and comprehension. *Behavioral and Brain Sciences*, *36*, 375-376.

Trude, A. M., Tremblay, A., & Brown-Schmidt, S. (2013). Limitations on adaptation to a foreign accent. *Journal of Memory and Language*, *69*, 349-367.

Trude, A. M., & Brown-Schmidt, S. (2012). Talker-specific perceptual adaptation during on-line speech perception. *Language and Cognitive Processes*, *27*, 979-1001.

Trude, A. M., & Tokowicz, N. (2011). Negative transfer from Spanish and English to Portuguese pronunciation: The roles of inhibition and working memory. *Language Learning*, *61*, 259-280.

Manuscripts in Preparation

Trude, A. M., Fenn, K. M., & Brown-Schmidt, S. (under review). Lexical engagement of novel phonological variants does not require sleep.

Trude, A. M. & Brown-Schmidt, S. (in prep). Phonetic accommodation to live and pre-recorded partners.

Trude, A. M., Nusbaum, H.C. (in prep). Cognitive processes underpinning insight: Evidence from studies of sleep and neuroimaging.

Software

Fraundorf, S. H., Diaz, M. I., Finley, J. R., Lewis, M. L., Tooley, K. M., Isaacs, A. M., Lam, T. Q., **Trude, A. M.**, Brown-Schmidt, S., & Brehm, L. (2014). CogToolbox for MATLAB [computer software]. Available from <http://www.scottfraundorf.com/cogtoolbox.html>.

Conference Presentations

Trude, A. M. (2014, November). *Does figurative language promote perspective taking in conversation?* Paper presented at the University of Chicago Wisdom Research Forum, Chicago, IL.

Trude, A. M. (2014, March). *Effects of figurative language use on perspective taking in conversation.* Paper presented at the University of Chicago Wisdom Research Forum, Chicago, IL.

- Trude, A. M., Brown-Schmidt, S., & Fenn, K. M. (2013, November). *Contributions of sleep and exposure to talker-specific adaptation*. Poster presented at the 54th Annual Meeting of the Psychonomic Society, Toronto, ON.
- Heald, S., Winer, J., **Trude, A. M.**, Wagner, E., Colson, B., & Nusbaum, H. C. (2013, November). *Neural correlates associated with the perceptual learning of synthetic speech*. Poster presented at the 5th Annual Meeting of the Society for the Neurobiology of Language, San Diego, CA.
- Trude, A. M. & Brown-Schmidt, S. (2012, November). *Can listeners use creaky voice to constrain lexical interpretation?*. Poster presented at the 53rd Annual Meeting of the Psychonomic Society, Minneapolis, MN.
- Trude, A. M. & Brown-Schmidt, S. (2012, September). *Can listeners use creaky voice to constrain lexical interpretation?*. Poster presented at the 18th Annual Conference on Architectures and Mechanisms for Language Processing, Riva del Garda, Italy.
- Trude, A. M. & Brown-Schmidt, S. (2012, September). *Phonetic accommodation to live and pre-recorded partners*. Poster presented at the 18th Annual Conference on Architectures and Mechanisms for Language Processing, Riva del Garda, Italy.
- Trude, A. M., Watson, D. G. & Cole, J. (2012, September). *Can acoustic salience alone enhance discourse comprehension?*. Poster presented at the 18th Annual Conference on Architectures and Mechanisms for Language Processing, Riva del Garda, Italy.
- Trude, A. M., Tremblay, A., & Brown-Schmidt, S. (2012, May). *Limitations on on-line adaptation to a foreign accent*. Paper presented at the 2nd Annual Midwest Cognitive Science Conference, Bloomington, IN.
- Trude, A. M., Duff, M. C. & Brown-Schmidt, S. (2011, November). *The role of episodic memory in talker-specific adaptation*. Poster presented at the 52nd Annual Meeting of the Psychonomic Society, Seattle, WA.
- Trude, A. M., Duff, M. C. & Brown-Schmidt, S. (2011, September). *The role of episodic memory in talker-specific adaptation*. Poster presented at the 17th Annual Conference on Architectures and Mechanisms for Language Processing, Paris, France.

Trude, A. M., & Brown-Schmidt, S. (2011, May). *Constraints on the learning of foreign accents*. Poster presented at the 161st Meeting of the Acoustical Society of America, Seattle, WA.

- Invited to submit press release to the ASA Press Room website

Trude, A. M., & Brown-Schmidt, S. (2011, May). *Constraints on the learning of foreign accents*. Poster presented at the Beckman Institute Speech Production Workshop, Urbana, IL.

Trude, A. M., & Brown-Schmidt, S. (2010, March). *Accommodating talker variability in online speech processing*. Poster presented at the 23rd Annual CUNY Conference on Human Sentence Processing, New York, NY.

Trude, A. M., & Brown-Schmidt, S. (2010, March). *Accommodating regional accents in online speech processing*. Poster presented at the Psycholinguistic Approaches to Speech Recognition in Adverse Conditions Workshop, Bristol, UK.

Trude, A. M., & Tokowicz, N. (2007, May). *Effects of transfer from English and Spanish on Portuguese pronunciation*. Paper presented at the Sixth International Symposium on Bilingualism, Hamburg, Germany.

Trude, A. M. (2006, March). *Aquisição de uma 3a língua: Um estudo da transferência fonológica entre inglês, espanhol e português*. Paper presented at the University of Pittsburgh Department of Hispanic Languages and Literatures Second Undergraduate Symposium, Slippery Rock, PA.

(Acquisition of a third language: A study of phonological transfer between English, Spanish, and Portuguese)

Invited Talks

Contributions of sleep and exposure to talker-specific perceptual learning. Cognitive Division Brown Bag, Department of Psychology, University of Illinois at Urbana-Champaign. April 2014

Is episodic memory necessary for talker adaptation in speech perception? Visual Cognition and Human Performance Division Brown Bag, Department of Psychology, University of Illinois at Urbana-Champaign. December 2012

What can listeners learn about different speakers' voices? Beckman Institute Graduate Student Seminar Series, University of Illinois at Urbana-Champaign. November 2012

Is episodic memory necessary for talker adaptation?: Evidence from hippocampal amnesia. Basque Center on Cognition, Brain, and Language. September 2012.

Ad Hoc Reviewing

Bilingualism: Language and Cognition
CUNY Conference on Human Sentence Processing
Journal of Memory and Language
Journal of the Acoustical Society of America
Journal of Phonetics
Second Language Research Forum

Professional Affiliations

Member, Psychonomic Society
Member, Women in Cognitive Science

Teaching/Mentorship Experience

2008-present	Research supervisor University of Illinois at Urbana-Champaign & University of Chicago Mentored over 20 research assistants
2013-2014	Undergraduate thesis supervisor for Kiehlor Mack University of Chicago, Dept. of Psychology
Fall 2014	Invited guest lecturer, Professional Seminar in Cognitive Psychology University of Illinois at Urbana-Champaign Instructor: Sarah Brown-Schmidt
2012-2013	Undergraduate honors thesis supervisor for Karleigh Cherveney University of Illinois at Urbana-Champaign, Dept. of Psychology - student received Osgood Award for Research in Human Cognition
Fall 2010	Invited guest lecturer, Language: A User's Guide University of Illinois at Urbana-Champaign Instructor: Duane Watson

- Fall 2009 Instructor, Introduction to Psychology
University of Illinois at Urbana-Champaign
-named to University's List of Teachers Ranked as Excellent
- Spring 2008 Teaching assistant, Seminar in Cognitive Psychology: Bilingualism
University of Pittsburgh
Instructor: Natasha Tokowicz
- Fall 2006 Teaching assistant, Introduction to Psychology
University of Pittsburgh
Instructor: Natasha Tokowicz