

Edward Holsinger

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EDUCATION

University of Southern California

Ph.D. in Linguistics, December 2011

Dissertation Committee: Elsi Kaiser, Barry Schein, Toben Mintz

Qualifying Committee: Elsi Kaiser, Barry Schein, Toben Mintz, Louis Goldstein, Jean-Roger Vergnaud

M.A. in Linguistics, May 2007

Thesis Committee: Elsi Kaiser, Toben Mintz, Jean-Roger Vergnaud

Oxford University

M.Phil in Linguistics, June 2005

Advisors: Gillian Ramchand, Stephen Pullman

George Mason University

B.A in English, May 2003

B.A. in Psychology, May 2003

ACADEMIC HONORS

Morkovin Fellowship, University of Southern California (2010)

Linguistics Department Community Service Award, University of Southern California (2007)

Linguistics Society of America Summer Institute Fellowship (2007)

Outstanding Campus & Community Leader award, George Mason University (2003)

Outstanding English undergraduate award, George Mason University (2003)

Completed undergraduate honors program in General Education, English and Psychology, George Mason University (2003)

RECENT ACADEMIC EXPERIENCE

Director & Curriculum Developer, English as a Second Language, Advanced Computing Institute

October 2012 - Present

Help adult ESL students improve their English proficiency to meet their academic and/or career goals.

Develop and oversee the execution of a cohesive ESL curriculum, provide professional development and training to ESL faculty, develop and implement e-learning software systems for use by the ESL program.

Instructor, English as a Second Language, POLY Languages Institute

March 2012 - October 2012

Provide adult ESL students with instruction in reading, writing and speaking English, including comprehension, pronunciation, grammar and vocabulary.

Guest Lecturer, Linguistics 610: Seminar in Linguistic Theory, Univ. of Southern California

Spring 2012

Presented a guest lecture on writing and publishing articles in psycholinguistics

Tutorial, Python for Data Analysis, University of Southern California

Spring 2011

Designed and taught a tutorial on using python and the peytools library for data analysis

Guest Lecturer, Linguistics 406: Psycholinguistics, University of Southern California

Fall 2010

Presented a guest lecture on language innateness for the primary instructor, Michael Shepherd

Tutorial, Designing Experiments for the Web, University of Southern California

Fall 2009

Designed and presented a tutorial on web-based experiments and use of the phpExp script

Teaching Assistant, Linguistics 115: Language & Society, University of Southern California

Spring 2009

Assisted primary professor, interacted with students through office hours and weekly break-out sessions

Research Assistant, USC Language Processing Lab, University of Southern California

Faculty Director: Elsi Kaiser

2006-2008, 2010-Present

Assisted in the design, implementation, and data analysis of psycholinguistic experiments, in the training of new graduate and undergraduate lab members and in the initial setup and maintenance of the lab

Lab Member, Speech Production and Articulation Knowledge Group, University of Southern California

Faculty: Shri Narayanan, Krishna Nayak, Dani Byrd, Louis Goldstein

2007-2009

Participated in the discussion and analysis of real-time fMRI articulatory data; developed web-based tools for the display, search and organization of fMRI data

TECHNICAL & SOFTWARE EXPERIENCE

Operating Systems

Comfortable in Microsoft Windows and Mac OS X, experience with UNIX

Phonetic Analysis

Trained phonetician. Experienced in the use of Praat and Praat scripting for acoustic analysis and stimuli creation.

Programming

Proficient in Python and php. Experience with Prolog, C, and Matlab.

- Created the peyertools python package for large time-series eye-tracking data alignment and analysis.
- Created the phpExp php script for easy implementation and data collection for web-based experiments.

Statistics

Extensive experience with manipulation and data analysis of large datasets. Comfortable in R. Experience with SPSS.

Web Skills

Experienced in HTML, MySQL, and php. Extensive web development and web-mastering experience for both individuals and organizations.

Experimental Technology

Extensive experience in designing, implementing and analyzing the results of behavioral experiments.

- 6 years experience in the use of eye-tracking methodologies and technologies.
- Some experience performing image analysis on real-time fMRI video
- Experienced in the use of various software (e.g. Praat, Excel, Photoshop) for the creation of experimental stimuli.

SERVICE & OTHER PROFESSIONAL EXPERIENCE

ESL Instructor, OSULA Education Center, Studio City, California

Summer 2008

Provided visiting Japanese high school students with several weeks of intensive English instruction

Webmaster, Department of Linguistics, University of Southern California

2007-2008

Maintained the departmental website, designed and implemented additional content as needed

Webmaster, Graduate Students in Linguistics, University of Southern California

2006-2010

Acted as elected webmaster for the Graduate Students in Linguistics student organization

Writing Fellow, University Writing Center, George Mason University

2002

Acted as a writing fellow for history and new media courses in the Honors Program

Research Assistant, WinsLab, George Mason University

Faculty Director: Adam Winsler

2001-2002

Assisted in the collection and evaluation of developmental data as well as digitization and digital noise cleaning of various data

Research Assistant, Cognitive Psychology Research Group, George Mason University

Faculty Directors: James Sanford, Linda Chrosniak

2001-2002

Assisted in the collection, coding and evaluation of cognitive psychology data

Faculty mentor, Technology Assistants Program, George Mason University

2001-2002

Assisted faculty in the design and implementation of departmental and personal web applications and the use of technology in research and the classroom

Tutor & Web Designer, University Writing Center, George Mason University

2001-2002

Helped students in a variety of disciplines improve their writing ability. Researched, designed and implemented various web guides to writing in psychology

Intern, Phoebe Magazine, George Mason University

2001-2002

Acted in an editing, selection and artistic capacity, and represented the magazine at various functions

Teaching Assistant, Early Identification Program, George Mason University

Summers 2000-2003

Provided instruction and mentoring to assist minority and marginalized students prepare for the upcoming year's course work

Tutor, University Learning Services, George Mason University

2000-2002

Assisted students with topics in writing, statistics, and English as a second language

Instructor, Kumon Math & Reading Centers, Inc.

1999-2002

Worked as an instructor, and later senior instructor, instructing students ages 3 to 17 in English phonics, grammar, composition and usage as well as mathematics up to early calculus

PUBLICATIONS

- Holsinger, E. (To Appear). Representing Idioms: Syntactic and Contextual Effects on Idiom Processing. Article to appear in a special issue of *Language & Speech*, entitled *Empirically examining parsimony and redundancy in usage-based models*.
- Holsinger, E. & Kaiser, E. (2012). Processing (non)compositional expressions: Mistakes and recovery. Article accepted for the *Journal of Experimental Psychology: Learning, Memory & Cognition*.
- Holsinger, E., Li, D., Kaiser, E. & Byrd, D. (In progress). From seeing to saying: On the relation of visual and prosodic grouping. Article in progress.
- Holsinger, E. (2011). Cutting the mustard: An experimental investigation of idiomatic expressions in the lexicon. University of Southern California Doctoral Dissertation.
- Kaiser, E., Li, D. & Holsinger, E. (2011). Exploring the lexical and acoustic consequences of referential predictability. A. Branco, I. Hendrickx, R. Mitkov & L. Sobha (eds.), *Selected Papers from DAARC 2011*. Springer.
- Holsinger, E. & Kaiser, E. (2010). An experimental investigation of semantic and syntactic effects on idiom recognition. Proceedings of the 2010 *Western Conference on Linguistics (WECOL)*. Fresno, CA, November 2010.
- Holsinger, E., & Kaiser, E. (2010). Effects of Context on Processing (non)-Compositional Expressions. *LSA Annual Meeting Extended Abstracts*. <http://www.ellanguage.net/journals/index.php/lsameeting/article/view/634>
- Holsinger, E., Li, D., Kaiser, E., Byrd, D. (2010). Visual grouping and prosodic grouping: Effects of spatial information on prosodic boundary strength. In proceedings of the *5th International Conference on Speech & Prosody*. <http://speechprosody2010.illinois.edu/papers/100835.pdf>

CONFERENCE TALKS

- Holsinger, E. & Kaiser, E. (2012). An Eye-Tracking Investigation of Contextual Bias on Idiom Processing. Paper presented at the *86th Annual Meeting of the Linguistics Society of America*. Portland, Oregon, January 2012.
- Kaiser, E., Holsinger, E., Li, D. & Byrd, D. (2011). From seeing to saying: On the relation of visual and prosodic grouping. Paper presented at *New Trends in Experimental Psycholinguistics*, Madrid, Spain, September, 2011.
- Kaiser, E. Li, D. & Holsinger, E. (2011). Prominence on different levels: Reference-tracking and effects of (mis)matches. Paper presented at the *21st Annual Meeting of the Society for Text and Discourse*, Poitiers, France, July 2011.
- Holsinger, E. & Kaiser, E. (2011). Keeping an eye on idioms: Investigating non-compositional processing with eye-tracking. Paper presented at the *85th Annual Meeting of the Linguistics Society of America*. Pittsburgh, PA, January 2011.
- Holsinger, E. & Kaiser, E. (2010). An experimental investigation of semantic and syntactic effects on idiom recognition. Paper presented at the *Western Conference on Linguistics (WECOL)*. Fresno, CA, November 2010.
- Holsinger, E. & Kaiser, E.. (2010). Effects of context on processing (non)-compositional expressions. Paper presented at the *84th Annual Meeting of the Linguistics Society of America*. Baltimore, MD, January 2010.
- Holsinger, E. & Kaiser, E. (2009). Processing (Non-)Compositional Expressions: Context Effects. Paper presented at the *Texas Linguistics Society*. Austin, TX, November 2009.
- Holsinger, E. (2008). Re- Again: A semantic investigation of restitutive again and re- in English. Paper presented at the *Linguistic Society of America Summer Meeting*. Columbus, OH, July 2008.

CONFERENCE POSTERS

- Kaiser, E., Li, D., Holsinger, E. (2011). It's all in how you say it: Predictability effects on referring expressions. Poster presented at the *17th Annual Conference on Architecture and Mechanisms for Language Processing*, Paris, France, September 2011.
- Kaiser, E., Holsinger, E., & Li, D. (2011). It's not the words, but how you say them: Effects of referential predictability on production of names and pronouns. Poster presented at *PRE-CogSci: Bridging the gap between computational, empirical & theoretical approaches to reference*, Boston, MA, July 2011.
- Kaiser, E., Holsinger, E., Li, D. (2011). Who next? Consequences of syntax-semantic mismatches for likelihood of mention. Poster presented at the *24th Annual Meeting of the CUNY Conference on Human Sentence Processing*, Palo Alto, California, March 2011.
- Kaiser, E., Holsinger, E., Li, D., Byrd, D. (2010). From eye to mouth: Connecting non-linguistic visual grouping and linguistic processing. Poster presented at *Laboratory Phonology 12*. Albuquerque, NM, July 2010.
- Holsinger, E., Li, D., Kaiser, E., Byrd, D. (2010). Visual grouping and prosodic grouping: Effects of spatial information on prosodic boundary strength. Poster presented at the *5th International Conference on Speech & Prosody*. Chicago, IL, May 2010.
- Holsinger, E., Kaiser, E. (2009). Processing (non-)compositional expressions: expectation effects. Poster presented at the *15th Annual Conference on Architectures and Mechanisms for Language Processing (AMLAP)*. Barcelona, Spain, September 2009.
- Holsinger, E., Ramanarayanan, V., Byrd, D., Goldstein, L., Gorno-Tempini, M., Narayanan, S. (2009). Beyond acoustic data: Characterizing disordered speech using direct articulatory evidence from real time imaging. Poster presented at the *157th meeting of the Acoustical Society of America*. Portland, OR, May 2009.
- Holsinger, E., Kaiser, E. (2008). Nominal Hierarchies: Hierarchical information interacts with shape on a novel word task. Poster presented at the *Conference on Human Sentence Processing (CUNY)*. Chapel Hill, NC, March 2008.