

Kailen Shantz

Email: kailen.shantz@gmail.com
Website: <https://kailen-shantz.netlify.com>
Phone: +49 176 6640 2709

Kurfürsten-Anlage 61
69115 Heidelberg
Germany

EDUCATION

2018	Ph.D. in Linguistics, University of Illinois at Urbana-Champaign
2017 (Summer)	Visiting Scholar, University of Braunschweig – Institute of Technology, Department of English
2014	M.Sc. in Linguistics, University of Alberta
2012	B.A. in German Language and Literature, University of Alberta

PUBLICATIONS

Refereed Journal Articles

Kimball, A., **Shantz, K.**, Eager, C., & Roy, J. (in press). *Confronting quasi-separation in logistic mixed effects for linguistic data: A Bayesian approach*. Journal of Quantitative Linguistics. Advanced online publication. doi: 10.1080/09296174.2018.1499457

Shantz, K., & Tanner, D. (in press). *Electrophysiology finds no inherent delay for grammatical gender retrieval in non-native production*. Bilingualism: Language and Cognition.

Shantz, K. (2017). Phrase frequency, proficiency and grammaticality interact in non-native processing: Implications for theories of SLA. *Second Language Research* 33(1), 91-118.

Shantz, K. & Tanner, D. (2017). Talking out of order: Task order and retrieval of grammatical gender and phonology in lexical access. *Language, Cognition and Neuroscience*, 32(1), 82-101.

Conference Proceedings

Shantz, K. & Tanner, D. (2016). Are L2 learners pressed for time? Retrieval of grammatical gender information in L2 lexical access. *Proceedings of the 40th Annual Boston University Conference on Language Development* (pp. 331-345). Somerville, MA: Cascadia Press.

Book Chapters

Payne, B. R., Ng, S., **Shantz, K.**, & Federmeier, K. D. (in press). Event-related brain potentials and language: The N's and P's. To appear in Heredia, R. R., & Cieslicka, B. A. (Eds.) *The Bilingual Brain Unwrapped*. New York, NY: Psychology Press.

Unpublished Manuscripts

Kimball, A., **Shantz, K.**, Eager, C., & Roy, J. (2016). *Beyond maximal random effects for logistic regression: Moving past convergence problems*. (<https://arxiv.org/abs/1611.00083>)

GRANTS AND FELLOWSHIPS

- 2017 UIUC Linguistics Summer Fellowship – Total amount: \$4,000. Duration: 2 months
- 2017 DAAD Short-Term Research Grant. Total amount: €3,450. Duration: 2 months.
- 2016 National Science Foundation. PI: Darren Tanner, Co-PIs: Kailen Shantz, Duane Watson. Doctoral Dissertation Research: Lexical Links and L2 Anticipatory Processing: Psycholinguistic Investigations of Multiple Factors in L2 Grammatical Gender Learning and Use. Amount: \$19,032. Duration: August 2016-August 2018.
- 2015 UIUC LSA Summer Fellowship – Total amount: \$3,000. Duration: 2 months
- 2014 SSHRC Doctoral Fellowship – Total amount: \$80,000. Duration: 48 months.
- 2014 Illinois Distinguished Fellowship – Total amount: \$75,000. Duration: 36 months.
- 2013 Walter H. Johns Graduate Fellowship

AWARDS AND HONORS

- 2018 Marie Skłodowska-Curie Actions Seal of Excellence
- 2017 SLATE Conference Travel Award
- 2017 Beckman Cognitive Science/Artificial Intelligence Award
- 2017 Chin W. Kim Research Award
- 2017 UIUC Graduate College Travel Award
- 2016 SLATE Conference Travel Award
- 2016 Student Leadership Award

- 2015 Top Abstract at the Annual Illinois Language and Linguistics Society Conference
- 2014 Alberta Completion Incentive Grant
- 2014 Profiling Alberta's Graduate Students Award
- 2014 Graduate Student Travel Fund Award
- 2014 Graduate Student Scholarship
- 2013 Joseph-Armand Bombardier Canada Graduate Scholarship (Master's)
- 2012 The Edelweiss-Club Scholarship
- 2011 Jason Lang Scholarship
- 2010 Helmut Meyer Travel Award in German Studies
- 2010 The German Canadian Business and Professional Association of Alberta Prize in Senior and Honors Courses
- 2010 Louise McKinney Post-Secondary Scholarship
- 2010 Dr. Horst Schmid Travel Bursary
- 2010 Study Abroad Tuition Award
- 2009 Jason Lang Scholarship
- 2008 Merit Scholarship
- 2008 Alexander Rutherford Scholarship

REFEREED CONFERENCE PRESENTATIONS

- 2018 **Shantz, K., & Tanner, D.** *An investigation of cue-based anticipatory processing in low constraint sentences using ERPs.* Poster presented at the CUNY Conference on Human Sentence Processing, March 15th-17th, 2018, Davis, California.
- 2018 **Shantz, K., & Tanner, D.** *Gender assignment variability modulates the anticipatory use of grammatical gender in an L2.* Poster presented at the CUNY Conference on Human Sentence Processing, March 15th-17th, 2018, Davis, California.

- 2017 **Shantz, K.**, & Tanner, D. *Learning context and variability in gender assignment affect gender-based prediction in a second language*. Poster presented at the Psychonomic Society 58th Annual Meeting, November 9th-12th, Vancouver, Canada.
- 2017 **Shantz, K.**, & Tanner, D. *Accounting for reduced L2 gender-based anticipation: A direct test of the Lexical Gender Learning Hypothesis*. Talk given at the Boston University Conference on Language Development, November 3rd-5th, 2017, Boston, Massachusetts, USA.
- 2017 **Shantz, K.**, & Tanner, D. *A psycholinguistic investigation of the roles of learning condition and gender stability in L2 gender-based anticipation*. Talk given at the Second Language Research Forum, October 12th-15th, 2017, Columbus, Ohio, USA.
- 2017 **Shantz, K.**, & Tanner, D. *An ERP investigation of cue-based anticipatory processing in low constraint sentences*. Poster presented at Architectures and Mechanisms of Language Processing 2017, September 7th-9th, Lancaster, UK.
- 2017 **Shantz, K.**, & Tanner, D. *An investigation of L2 gender-based anticipation. Is it a lexical deficit?* Poster presented at Architectures and Mechanisms of Language Processing 2017, September 7th-9th, Lancaster, UK.
- 2017 **Shantz, K.**, & Tanner, D. *An investigation of gender-based anticipatory processing: When do L2 learners predict?* Talk given at the 11th International Symposium for Bilingualism, June 11th-15th, Limerick, Ireland.
- 2017 **Shantz, K.**, & Tanner, D. *Low expectations: An ERP investigation of cue-based anticipatory processing in low constraint sentences*. Poster presented at the Annual Meeting of the Cognitive Neuroscience Society, March 25th-28th, San Francisco, CA, USA.
- 2016 **Shantz, K.**, & Tucker, B. V. *How to pronounce a hyphen: evidence from word naming*. Poster presented at the 10th International Conference on the Mental Lexicon, October 19th-21st, Ottawa, Ontario, Canada.
- 2016 Tanner, D., Bulkes, N., **Shantz, K.**, Armstrong, A., & Reyes, A. *Working memory, not language experience, predicts N400 effects to semantically anomalous words during reading*. Poster presented at the Society for the Neurobiology of Language Meeting, August 17th-20th, London, UK.
- 2016 Roy, J., Eager, C., Kimball, A., **Shantz, K.** *Convergence and mixed effects: Using Bayesian models in order to better understand linguistic data*. Paper given at the Joint Statistical Meeting, July 30th-August 4th, Chicago, USA.
- 2016 Kimball, A., Eager, C., **Shantz, K.**, & Roy, J. *When mixed-effects aren't enough: Bayesian models of linguistic data*. Talk given at the 8th Annual Meeting of the Illinois Language and Linguistics Society, April 21st-24th, Urbana-Champaign, Illinois, USA.

- 2016 **Shantz, K.**, Bulkes, N., Krebs, C., Reyes, A., Armstrong, A., & Tanner, D. *What's in a P600? Sometimes a lot of N400. Identifying antecedents of ERP response variability in grammatical agreement processing.* Poster presented at the Annual Meeting of the Cognitive Neuroscience Society, April 2nd-5th, 2016, New York, New York, USA.
- 2016 Tanner, D., Bulkes, N., **Shantz, K.**, Krebs, C., Armstrong, A., & Reyes, A. *Morphological antecedents of individual variability in agreement comprehension: ERP evidence.* Poster presented at CUNY, March 3rd-5th, 2016, Gainesville, Florida, USA.
- 2015 **Shantz, K.** & Tanner, D. (2015). *Are L2 learners pressed for time? Retrieval of grammatical gender information in L2 lexical access.* Poster presented at the 40th Boston University Conference on Language Development, November 13th-15th, 2015, Boston, Massachusetts, USA.
- 2015 **Shantz, K.** (2015). *Does SLA abide by the rules? Testing usage-based and rule-based assumptions.* Talk given at the Second Language Research Forum, October 29th-31st, 2015, Atlanta, Georgia, USA.
- 2015 **Shantz, K.** & Tanner, D. (2015). *Talking out of order: does grammatical gender always precede phonology in lexical access?* Poster presented at the Society for the Neurobiology of Language Annual Meeting, October 15th-17th, 2015, Chicago, Illinois, USA.
- 2015 **Shantz, K.**, Järvikivi, J., Cooper, R., Pyykkönen-Klauck, P. (2015) *Simulated mood and referential expectation: an emotional tale of fear and fright.* Poster presented at Discourse Expectations: Theoretical, Experimental, and Computational Perspectives, June 17th-19th, 2015, Edmonton, Alberta, Canada.
- 2015 **Shantz, K.** (2015). *Breaking the rules: What formulaic language can tell us about SLA.* Talk given at the 7th Annual Illinois Language and Linguistics Society Conference, April 17th-18th, 2015, Champaign-Urbana, Illinois, USA.
- 2015 **Shantz, K.** & Tanner, D. (2015). *Neural measures of information retrieval in non-native lexical access.* Poster presented at the Annual Meeting of the Cognitive Neuroscience Society, March 30th, 2015, San Francisco, California, USA.
- 2014 **Shantz, K.** & Järvikivi, J. (2014). *Graded effects of orthography in second language phonological decoding.* Poster presented at the Second Language Research Forum, October 23rd, 2014, Columbia, South Carolina, USA.
- 2014 **Shantz, K.** & Järvikivi, J. (2014). *Early second language learning is sensitive to the distribution of letters and sounds in first and second language words.* Poster presented at the 9th International Conference on the Mental Lexicon, October 1st, 2014, Niagara-on-the-Lake, Ontario, Canada

- 2014 Cooper, R., **Shantz, K.**, Järvikivi, J., & Pyykkönen-Klauck, P. (2014). *Getting emotional with implicit causality*. Poster presented at the Embodied and Situated Language Processing conference, August 20th, 2014, Rotterdam, The Netherlands.
- 2014 **Shantz, K.** (2014). *How do I say that? The effects of phonological overlap in acquiring the pronunciation of L2 cognates*. Poster presented at the Georgetown University Round Table on Language and Linguistics, March 14th, 2014, Washington, D.C., USA.
- 2013 **Shantz, K.** (2013). *Durational effects of orthography in compound naming*. Talk given at the Alberta Conference on Linguistics, November 2nd, 2013, Calgary, Alberta, Canada.

INVITED PRESENTATIONS

- 2018 Knowledge and learning context in L2 gender-based anticipation: Testing the Lexical Gender Learning Hypothesis. University of Reading, School of Psychology and Clinical Language Sciences, Reading, United Kingdom, November, 2018.
- 2018 Knowledge and learning context in L2 gender-based anticipation: Testing the Lexical Gender Learning Hypothesis. University of Braunschweig – Institute of Technology, Department of English, Braunschweig, Germany, November, 2018.
- 2017 Uncertainty in predictive language processing. University of Braunschweig – Institute of Technology, Department of English, Braunschweig, Germany, July, 2017.
- 2017 Cue-based anticipation in low constraint sentences: Evidence from lateralized ERPs. Goethe University Frankfurt, Department of Psychology, Frankfurt am Main, July, 2017.

CAMPUS OR DEPARTMENTAL PRESENTATIONS

- 2017 **Shantz, K.** (2017). *In good time: an ERP investigation of the time course of native and non-native lexical access*. Talk given for the weekly Linguistics Seminar, March 7th, 2017. Urbana-Champaign, Illinois, USA.
- 2016 **Shantz, K.** & Tanner, D. (2016). *Lexical links and L2 anticipatory processing: psycholinguistic investigations of multiple factors in L2 grammatical gender learning and use*. Poster presented at the Second Language Acquisition and Teacher Education Symposium, May 5th, 2016. Urbana-Champaign, Illinois, USA.
- 2015 **Shantz, K.** (2015). *Testing assumptions about L2 grammar: rule-based or usage-based?* Poster presented at the Second Language Acquisition and Teacher Education Symposium, May 7th, 2015. Urbana-Champaign, Illinois, USA.
- 2014 “German in 30 minutes.” Invited workshop given to the Undergraduate Linguistics Club as part of the “Language in 30 Minutes Workshop Series”, University of Alberta, Edmonton, Alberta, February 11th, 2014.

2012 **Shantz, K.** (2012). *English in German*. Talk given at the 3rd Annual MLCS Undergraduate Conference, March 23rd, 2012, Edmonton, Alberta, Canada.

TEACHING EXPERIENCE

Invited Workshops

2017 Workshop on analyzing linguistic data with R (co-taught with Vera Heyer), University of Braunschweig – Institute of Technology, Department of English, Braunschweig, Germany, July, 2017.

Courses

Primary Instructor, LING 225: Language, Mind and Brain University of Illinois at Urbana-Champaign	January – May 2017
Teaching Assistant, LING 225: Language, Mind and Brain University of Illinois at Urbana-Champaign	August – December 2016
Teaching Assistant, LING 101: Introduction to Linguistics University of Alberta	September – December 2012
Teaching Assistant, LING 101: Introduction to Linguistics University of Alberta	January – April 2013

RESEARCH EXPERIENCE

Research Assistant University of Illinois at Urbana-Champaign	January – May 2017 Advisor: Darren Tanner
Research Assistant University of Illinois at Urbana-Champaign	August – December 2016 Advisor: Darren Tanner

OTHER PROFESSIONAL EXPERIENCE

Editorial staff for Linguistics Abstracts Online, University of Alberta	Summer, 2014
Editorial staff for Linguistics Abstracts Online, University of Alberta	Summer, 2013

SERVICE TO PROFESSION

Conference Organization

Committee Chair for the 8th Annual Meeting of the Illinois Language and Linguistics Society,
University of Illinois at Urbana-Champaign, April 21-24, 2016

Organizing committee member for the 12th International Cognitive Linguistics Conference,
University of Alberta, June 23-28, 2013

Committee Co-Chair for the Modern Language and Cultural Studies Undergraduate Conference,
University of Alberta, March 23, 2012

Workshop Organization

Organizing Committee Member for the inaugural Spring Training in Experimental
Psycholinguistics Workshop, University of Alberta, May 4-8, 2014

Journal Reviewer

Brain Research
Psychophysiology
Second Language Research

Conference Reviewer

Generative Approaches to Language Acquisition North America 2016
Illinois Language and Linguistics Society Conference 2015, 2016, 2017, 2018
International Symposium on Bilingual and L2 Processing in Adults and Children 2018
The Annual Meeting of the Cognitive Science Society 2016, 2017, 2018

DEPARTMENTAL/UNIVERSITY SERVICE

2015-2016	Student member of the University of Illinois Graduate College Fellowship Board Executive Committee
2015-2016	Student representative on the 50 th Anniversary Committee for the Department of Linguistics at the University of Illinois at Urbana-Champaign
2013-2014	Executive member of the Linguistics Graduate Student Association, University of Alberta

TECHNICAL SKILLS

Experiment Software	SR Experiment Builder, Paradigm, SMI Experiment Center
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Statistical Software/Languages MATLAB, R, stan

PROFESSIONAL MEMBERSHIPS

Cognitive Neuroscience Society
Linguistics Society of America
Psychonomic Society
Society for the Neurobiology of Language

LANGUAGES

English (native), German (B2), Spanish (working knowledge), French (working knowledge)