CURRICULUM VITAE

NYSSA BULKES
nyssa.bulkes@rogersbh.org

PROFESSIONAL APPOINTMENTS

2020-present   Data Scientist | Rogers Behavioral Health
Rogers Research Center

2019-2020   Customer Relationship Measurement Analyst, Statistics Subject Matter Expert
Kohl's Department Stores, Corporate Offices

2018-2019   Data Analyst | University of Arizona
University Analytics & Institutional Research Department

2017-2018   Postdoctoral Research Associate | University of Arizona

EDUCATION

2017   Ph.D. | University of Illinois at Urbana-Champaign
Department of Linguistics
Dissertation: Reading between the lines: Psycholinguistic indices of prediction,
frequency and formulaicity in language comprehension
Adviser: Dr. Darren Tanner
Committee members: Dr. Kiel Christianson, Dr. Susan Garnsey, Dr. Tania Ionin
Date of completion: June 2017
Certificate: Second Language Acquisition & Teacher Education (SLATE)

2013   M.A. | University of Illinois at Urbana-Champaign
Department of Linguistics

2011   M.A. | Northern Illinois University
Department of English

2009   B.A. | Northern Illinois University

GRANTS & FELLOWSHIPS

2016   Beckman Graduate Fellowship (8/16/2016 - 7/15/2017)
Beckman Institute for Advanced Science & Technology
Urbana, IL

2016   Summer Dissertation Fellowship (6/15/2016 - 8/15/2016)
Department of Linguistics
University of Illinois at Urbana-Champaign

Urbana, IL

2015   NSF BCS-1528701 (8/1/2015 - 7/31/2017)
            "Doctoral Dissertation Research: Psycholinguistic and Neurocognitive Indices of
            Prediction in Processing Nonliteral and Fixed Expressions"
            Role: Co-PI; PI: Darren Tanner; Co-PI: Kiel Christianson
            Total costs: $19,025

PUBLICATIONS

Bulkes, N. Z., Davis, K., Kay, B., & Riemann, B. C. (2021). Comparing efficacy of telehealth to in-person mental health care in intensive-treatment-seeking adults.
https://doi.org/10.1016/j.jpsychires.2021.11.003

Bulkes, N. Z., Christianson, K., & Tanner, D. (2020). Semantic constraint, reading control, and the granularity of form-based expectations during semantic processing: Evidence from ERPs. *Neuropsychologia, 137*, 107294.

Armstrong, A., **Bulkes, N. Z.,** & Tanner, D. (2017). Use of quantificational cues in the processing of English subject-verb agreement by native Chinese speakers: An ERP study. *Studies in Second Language Acquisition.*

Bulkes, N. Z. & Tanner, D. (2016). "Going to town": Large-scale norming and statistical analysis of 870 American English idioms. *Behavior Research Methods*, 1-12.

Tanner, D. & **Bulkes, N. Z.** (2015). Cues, quantification, and agreement in language comprehension. *Psychonomic Bulletin & Review, 22*(6), 1753-1763.

CONFERENCE PRESENTATIONS

Bulkes, N., & V. T. Lai (March, 2018). Beating around the evergreen bush: Conventionality violations elicit P300. Poster to be presented at the 31st Annual CUNY Sentence Processing Conference. Davis, California.

Bulkes, N., K. Christianson, & D. Tanner (March, 2018). Natural reading facilitates forming fine-grained orthographic expectations: ERP Evidence. Poster to be presented at the 31st Annual CUNY Sentence Processing Conference. Davis, California.

Bulkes, N. Z., K. Christianson, & D. Tanner (November, 2017). Self-paced reading shows visual prediction is fine-grained when reading is more natural. Poster presented at the 58th Annual Meeting of the Psychonomic Society. Vancouver, British Columbia, Canada.

Bulkes, N. Z. & D. Tanner (March, 2017). Sentential constraint modulates N170 effects to unexpected wordforms: ERP evidence. Poster presented at the 30th Annual CUNY Sentence Processing Conference. Cambridge, Massachusetts.

Bulkes, N. Z. & D. Tanner (March, 2017). Neurocognitive effects of sentential constraint in visual word recognition. Poster presented at the 2017 Cognitive Neuroscience Society Meeting, San Francisco, California.

Bulkes, N. Z. & D. Tanner. (November, 2016). From the ground up: Interactions of visual word recognition and semantic constraint during comprehension. Poster presented at the 57th Annual Meeting of the Psychonomic Society. Boston, Massachusetts.

Bulkes, N. Z., K. Christianson, D. Tanner. (November, 2016) Effects of semantic opacity on prediction during native and nonnative reading. Poster presented at the 41st Boston University Conference on Language Development. Boston, Massachusetts.

Armstrong, A., **N. Z. Bulkes**, D. Tanner. (November, 2016) Use of quantificational cues in the processing of English subject-verb agreement by native Chinese speakers. Poster presented at the 41st Boston University Conference on Language Development. Boston, Massachusetts.

Bulkes, N. Z., K. Christianson, D. Tanner. (October, 2016) Reading between the lines: Effects of frequency and formulaicity in comprehension. Poster presented at the Tenth International Conference on the Mental Lexicon. Ottawa, Canada.

Bulkes, N. Z., K. Christianson, & D. Tanner. The influence of semantic opacity on prediction in L1 and L2 language comprehension. Oral presentation delivered at the 35th Second Language Research Forum, New York, New York.

Bulkes, N. Z., & D. Tanner. A piece of ckae: Neurocognitive indices of prediction and sentential constraint during visual word recognition. Poster presented at the 2016 Cognitive Neuroscience Society Conference, New York City, New York.

Shantz, K., **N. Z. Bulkes**, C. Krebs, A. Reyes, A. Armstrong, & D. Tanner. What's in a P600? Sometimes a lot of N400. Identifying antecedents of ERP response variability in grammatical agreement processing. Poster presented at the 2016 Cognitive Neuroscience Society Conference, New York City, New York.

Tanner, D., **N. Z. Bulkes**, K. Shantz, C. Krebs, & A. Reyes. Morphological antecedents of individual variability in agreement comprehension: ERP evidence. Poster presented at the 29th CUNY Conference on Human Sentence Processing, Gainesville, Florida.

Tanner, D. & **N. Bulkes** (November, 2015). The reliability and stability of individual differences in ERP measures of language comprehension. Poster presented at the 2015 Psychonomic Society Meeting, Chicago, Illinois.

Cole, J., Berry, D., McElwain, N. L., **Bulkes, N.**, Mahrt, T., & Emery, H. T. (June 2015). Linking pitch prosody and affective behavior in mother-child interaction. Paper presented at the Workshop on Prosodic Development at the International Biennial Conference on Phonetics and Phonology, Cambridge, United Kingdom.

Berry, D., McElwain, N. L., Cole, J., **Bulkes, N.**, Mahrt, T., & Emery, H. T. (May 2015). Inside the 'Black Box' of maternal sensitivity: Micro-developmental links between maternal speech prosody and child affect. Poster presented at the 27th Annual Convention of the American Psychological Society, New York, New York.

Bulkes, N. Z. & Tanner, D. (2015, April). Going to town: Large-scale norming and statistical analysis of 870 idioms. Oral presentation delivered at the 7th Annual Illinois Language and Linguistics Society meeting, Urbana-Champaign, Illinois.

Bulkes, N. Z. & Tanner, D. (2015, March). Agreement by number: Neurocognitive effects of quantification in agreement comprehension. Poster presented at the 28th CUNY Conference on Human Sentence Processing, Los Angeles, California.

Bulkes, N. Z. & Tanner, D. (2015, March). Neural responses show effects of quantification during processing of agreement dependencies. Poster presented at the 2015 Cognitive Neuroscience Society Conference, San Francisco, California.

Tanner, D. & **Bulkes, N. Z.** (2014, November). Eye movements reveal asymmetric effects of grammatical number in the processing of subject-verb agreement. Poster presented at the 2014 Psychonomic Society Meeting, Long Beach, California.

Bulkes, N. Z. & Grindrod, C. M. (2014, October). Disambiguating models of idiom comprehension: Context effects on figurative and literal meaning retrieval. Poster presented at the Ninth International Conference on the Mental Lexicon, Niagara-on-the-Lake, Ontario.

Bulkes, N. Z. & Grindrod, C. M. (2014, April). Getting over the hill: Effects of verbal fluency on age-related changes in ambiguous idiom comprehension. Poster presented at the Cognitive Neuroscience Society Conference, Boston, Massachusetts.

Bulkes, N. Z. & Grindrod, C. M. (2014, March). Understanding ambiguous idioms in context: Clearing the air on compositional and noncompositional views. Poster presented at the CUNY Conference on Human Sentence Processing, Columbus, Ohio.

Bulkes, N. (2011, August). 'Een kopje Thee, graag': A sociolinguistic analysis of Dutch Diminutives. Poster presented at Linguistic Impoliteness and Rudeness (LIAR) III: Experimental and Empirical Approaches to Politeness and Impoliteness, Urbana, Illinois.

Bulkes, N. (2010, October). 'I know, right?': A diachronic perspective and classification of the recent linguistic phenomenon. Talk given at the 64th Annual Rocky Mountain Modern Language Association Conference, Albuquerque, New Mexico.

Bulkes, N. (2010, April). 'I know, right?': A corpus analysis and diachronic perspective. Talk given at the 46th Annual Allerton Articulation Conference, Monticello, Illinois.

Bulkes, N. (2010, April). 'Een kopje Thee, graag': An Analysis of Dutch Diminutives. Talk given at the 2010 Berkeley Germanic Linguistics Roundtable, Berkeley, California.

GRADUATE RESEARCH EXPERIENCE

2013-2016   Research Assistant
                     Electrophysiology and Language Processing Lab.
                     Adviser: Dr. Darren Tanner

2013-2016   Research Assistant
                     Maternal-Prosody Project.
                     Advisers: Dr. Nancy McElwain and Dr. Jennifer S. Cole

GRADUATE TEACHING EXPERIENCE

Spring 2016   Instructor | University of Illinois at Urbana-Champaign
                     Language, Mind, & Brain

Fall 2015   Graduate Teaching Assistant | University of Illinois at Urbana-Champaign
                     Language, Mind, & Brain

Summer 2013, 2014   Instructor | University of Illinois at Urbana-Champaign
                     Principles of Oral Communication

Fall 2012   Invited lecture | Northern Illinois University
                     Research Methodology
                     "Reworking methodology"

Spring 2012-2013   Instructor | University of Illinois at Urbana-Champaign
                     ESL501, Intro to Academic Writing

Fall 2011-Spring 2013 Head TA | University of Illinois at Urbana-Champaign

Fall 2011   Instructor | University of Illinois at Urbana-Champaign
                     ESL500, Oral and Written Communication

Fall 2010   Writing tutor | Northern Illinois University
                     Tutor 16 students in the Writers Workshop for 12 weeks

Fall 2009, 2010   Instructor | Northern Illinois University
                     Rhetoric and Composition I

Spring 2010   Instructor | Northern Illinois University
                     Rhetoric and Composition II

AWARDS & HONORS

2016   Best Student Poster Presentation – 10th Mental Lexicon Conference

Ottawa, Ontario

2016	Conference travel award – Department of Linguistics Funds awarded for travel to Cognitive Neuroscience Society Conference in New York, NY
2015	CUNY 2015 Conference travel award Funds awarded by the conference committee for travel to 28th Annual CUNY Conference on Human Sentence Processing in Los Angeles, Calif.
2015	Graduate College travel award Funds awarded for travel to 28th Annual CUNY Conference on Human Sentence Processing in Los Angeles, Calif.
2014	Conference travel award – Department of Linguistics Funds awarded for travel to Cognitive Neuroscience Society Conference in Boston, Massachusetts
2013	Beckman Institute Cognitive Science/Artificial Intelligence Award Funds awarded for research project using ERPs to examine visual word recognition and sentential constraint
2012	Citizenship award – Department of Linguistics Service to the department, for organization of ILLS4, the department's graduate-student-run academic conference with 3 other co-chairs

SERVICE

2021	Organized, led technical training on using SQL for 9 colleagues at Rogers Behavioral Health
2018	31st Annual CUNY Conference on Sentence Processing abstract reviewer Volunteer peer reviewer on abstracts submitted to the CUNY Conference
2017	Invited speaker – Panel on how to get a postdoctoral position University of Arizona Postdoctoral Association University of Arizona
2015-2017	Student representative on Capricious Grading Committee Volunteer to review, alongside departmental faculty, any grievances brought up by students regarding grades University of Illinois at Urbana-Champaign
2016	GALANA 7 Abstract reviewer Volunteer peer reviewer on abstracts submitted to the 7th GALANA Conference
2014-2016	ILLS Abstract reviewer

	Volunteer peer reviewer on abstracts submitted to the Illinois Language and Linguistics Society meeting
2011- 2013	Database Coordinator of ESL writing anthology Initiate, edit, and organize exemplary student work for online teaching aid for use in the ESL writing service courses at the University of Illinois at Urbana-Champaign
2011-2012	ILLS4 Conference organizer One of 4 co-chairs organizing the Illinois Language and Linguistics Society 4 (ILLS4), graduate-student conference in Urbana, Illinois
2010-2011	MCLLM Conference organizer One of 3 co-chairs organizing the graduate-student run Midwestern Conference on Literature, Language and Media (MCLLM) 2011 in DeKalb, Illinois

SKILLS

Adobe Creative Suite
Microsoft Office Products
Python
R
SPSS
SQL

LANGUAGES

Dutch (intermediate)
German (intermediate)