

Rachel Brown

Curriculum Vitae
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Contact Info

Department of Linguistics
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Research Interests

psycholinguistics, sentence processing, compounding, morpho-syntax interface, syntactic-semantic interface, neurolinguistics, cognitive science, language development,

Hiaki (Yaqui) linguistics (Uto-Aztecan): morphology, clitics, pronouns

Education

- Fall 2019
expected Ph.D. Linguistics, University of Arizona
 Advisors: Dr. Thomas Bever, Dr. Vicky Tzuyin Lai, Dr. Heidi Harley
 Specializations: Psycholinguistics, Cognitive Science
- Summer 2015 M.A. Linguistics, University of Arizona
 Master Thesis: *The Underlying Structure of Full and Clitic Pronouns in Hiaki*
 Committee: Dr. Thomas Bever, Dr. Heidi Harley, and Dr. Adam Ussishkin
- May 2013 B.A. in Linguistics with Honors, University of Kansas
 Honors Thesis: *Assessing Preschool Children's Knowledge of Compounds from a Logico-semantic Perspective*
 Advisers: Dr. Utako Minai and Dr. Robert Fiorentino

Works in Progress

Brown, R., Bever, T., Lai, V. "ERP correlates for the meaning and structure of ambiguous phrases in context"

Publications

Brown, R., Chu, C.-Y., Hess, G, and Minai, U. (2014) "Assessing Preschool Children's Knowledge of Compounds from a Logico-Semantic Perspective". *Kansas Working Papers in Linguistics*. 35. 95-111.

Grants and Awards (Principle Investigator)

2019	Summer Dissertation Fellowship, College of Social and Behavioral Sciences, University of Arizona (\$6,000)
2018	Herbert E. Carter Travel Award, Graduate Interdisciplinary Programs, University of Arizona (\$600)
2017	Dissertation Research Grant, Social and Behavioral Sciences Research Institute, University of Arizona (\$2,000)
2017	Research and Project Grant, Graduate and Professional Student Council, University of Arizona (\$980)
2015	Travel Grant, Graduate and Professional Student Council, University of Arizona (\$750)
2015	Travel Award, Department of Linguistics, University of Arizona (\$300)
2015	Pre-doctoral Grant, Social and Behavioral Sciences Research Institute, University of Arizona (\$500)
2014	Pre-doctoral Grant, Social and Behavioral Sciences Research Institute, University of Arizona (\$500)

Honors

Graduate

2014	Social and Behavioral Sciences Graduate Tuition Scholarship, University of Arizona
2014	Social and Behavioral Sciences Graduate College Fellowship, University of Arizona

Undergraduate

2013	1 st Place Sigma Xi Undergraduate Student Research Paper Competition, University of Kansas
2013	Highest Distinction, University of Kansas
2013	Departmental Honor, the Department of Linguistics, University of Kansas
2013	University Honors, Honors Program, University of Kansas
2010-2013	4.0 Honor Roll, College of Liberal Arts and Sciences, University of Kansas

Presentations

Brown, R., Lai, V., Bever, T., (2019) “ERP correlates for the meaning and structure of ambiguous phrases in context”. 32nd Annual CUNY Conference on Human Sentence Processing. University of Colorado at Boulder, CO.

Brown, R., Lai, V., Bever, T., (2019) “ERP correlates for the meaning and structure of ambiguous phrases in context”. Student Showcase. University of Arizona.

Brown, R., (2016) “The Underlying Structure of Full and Clitic Pronouns in Hiaki”. 90th Linguistic Society of America Annual Meeting. Washington, DC, US.

Brown, R., (2015) “Underlying Structure of Full and Clitic Pronouns in Hiaki”. 7th Conference on Indigenous Languages of Latin America. University of Texas at Austin, TX.

Van Anne, C., Martinez-Garcia, M., **Brown, R.**, & Tremblay, A. (2014) "English and Spanish Listeners' Use of 'Positive' Stress Cues in Spanish Word Recognition." Second Language Research Forum. University of South Carolina, US.

Brown, R., Chu, C.-Y., Fiorentino, R., and Minai, U. (2013) "Assessing Preschool Children's Knowledge of Complex Nouns from a Logico-semantic Perspective." The 18th Undergraduate Research Symposium, University of Kansas, US

Minai, U., **Brown, R.**, Chu, C.-Y., & Hess, G. (2013) "Probing morpho-semantic representations of compounds." The 8th International Morphological Processing Conference, University of Cambridge, UK.

Minai, U., Chan, Y., Chu, C. and **Brown, R.** (2013) "Visual Information and Child Universal Quantification: Seeking a Causal Association between Language and Cognition in Development." 2013 Society for Research in Child Development (SRCD) Biennial Meeting. Seattle, Washington, US.

Research Experience

Graduate

- 2017-present Graduate Research Assistant, Cognitive Neuroscience of Language Lab
Supervisor: Dr. Vicky Tzuyin Lai
- 2013-present Graduate Research Assistant, Language and Cognition Lab.
Supervisor: Dr. Thomas Bever
- 2015 EGI Summer School Core dEEG Skills, Eugene, OR, US.
- 2015 US-Iceland Workshop: Neural Basis of Icelandic Language Processing,
NSF Award #1443920, University of Iceland, Reykjavik, Iceland.

Undergraduate

- 2011-2013 Undergraduate Research Assistant, Developmental Psycholinguistics Lab.
Supervisor: Dr. Utako Minai
- 2013 Undergraduate Research Assistant, Second Language Processing and Eye-Tracking (L2 PET) Lab
Supervisor: Dr. Annie Tremblay
- 2012-2012 Undergraduate Conference Organizer, 5th Generative Approaches to Language Acquisition North America Conference, University of Kansas (October 11-13, 2012)

Teaching and Other Positions

Graduate

- Fall 2018- present Graduate Assistant for Student Accountability and Assistance, Dean of Students Office, U. Arizona
Investigates and makes decisions of alleged violations of the Student Code of Conduct, including the assignment of developmentally appropriate sanctions. Brown meets with students to empower them to take a proactive role in exploring their own resolutions to be successful both inside and outside the classroom.

Brown also provides educational programming by teaching the Personal Responsibility workshop.

Primary Instructor

LING/PSYC/SLHS 341

Language Development online, 7.5 week course
Introduction to theory and research on language development, with emphasis on word learning and grammatical development.

LING/GER/RSSS 114

Learning a Foreign Language in-person
Provides students with important tools to facilitate language learning including knowledge of language and common mistakes learners make. The course project analyzed a language of the student's choice.

LING/PSYC 201

Introduction to Linguistics in-person
Covers the fundamentals of Linguistics and provides a basis for further study into language.

LING/ENGL 322

Structure and Meaning of Words in-person
An in-depth introduction to the sounds, structures, meanings and history of English words

Graduate Teaching Assistant

POL 150C2

What is Politics? in-person
 Supervisors: Dr. Noam Chomsky & Dr. Marvin Waterstone
Examines the consequences of industrial state capitalism including: climate change, potential nuclear terrorism, and the expansion of militarism and warfare, globalization, unfettered capitalism, and social inequality. Students explored possible responses and resistances to these phenomena, and investigated the achievements and difficulties involved with progressive change. This course included both U. of Arizona Students and community members.

LING/ENGL 322

Structure and Meaning of Words, in-person
 Supervisor: Dr. Tyler Peterson
An in-depth introduction to the sounds, structures, meanings and history of English words

LING/PSYC 440

Bilingual Mind, online
 Supervisor: Dr. Janet Nicol
This course surveys bilingualism from a variety of perspectives: linguistic, cognitive, social, and instructional.

LING 150A1 Mind, Self, and Language, in-person, online, honors
Supervisor: Dr. Amy Fountain
Introduces concepts and methods in linguistics with an emphasis on cross-linguistic diversity and linguistic structures. Students modeled language documentation by analyzing a constructed language that they created.

Teaching Assistant Coordinator

LING 150A1 Mind, Self, and Language
Supervisor: Dr. Amy Fountain

Undergraduate

French 110 Tutor for Academic Achievement and Access Center

Guest Lectures

11-16-2017 “Processing of Ambiguous Phrases” for LING 201-Honors *Introduction to Linguistics*, University of Arizona

Certificates

2017 Collaborative Institutional Training Initiative (CITI) Refresher
2015 EGI Summer School Core dEEG Skills
2013 Collaborative Institutional Training Initiative (CITI)

- Human Behavior Research Certificate
- Native American Research Certificate

Professional Membership

2015-present Language Society of America
2012-present Honor Society of Phi Kappa Phi
2013 Sigma Xi: The Scientific Research Society
2010-2013 KU Honors Program

Technical Skills

Brain Vision Recorder: Recording ERPs
Brain Vision Analyzer: Preprocessing ERPs
Eprime: Experiment Builder
EEG: Experimenter
PsychoPy: Open Source Experiment Builder
SPSS: Statistical Analysis
R: Statistical Analysis
PRAAT: Audio Editing, Acoustic Analysis
EyeLink1000 (SR Research): Experimenter
Familiarity with the following programming languages:

- Bash
- Perl
- Python
- Javascript
- Html

Service

2015-2018 Faculty Representative, Arizona Linguistics Circle, University of Arizona
2015, 2017 Travel Grant Reviewer, Graduate Student and Professional Council,
University of Arizona
2013, 2016 Conference Abstract Reviewer, Arizona Linguistics Circle, University of
Arizona
2014-2015 Committee Member, Arizona Linguistic Circle, University of Arizona
2013-2015 Conference Organizing Committee, Arizona Linguistics Circle, University
of Arizona

Outreach with Linguistics Department

9-11-17 Sonoran Science Academy at Davis-Monthan Air Base in Tucson, Arizona
10-7-15; 10-4-17 Meet Your Major Fair
9-4-15 Interviewed for Daily Wildcat article, "UA scientists study how genetics
affect language" by Emily Hudges
3-11-2015 Ha:şan Preparatory & Leadership School in Tucson, Arizona
2-9-2015 Basis School in Oro Valley, Arizona

Linguistic Knowledge

- English
- Hiaki
- French
- Japanese
- Icelandic

References available upon request