

EDUCATION

University of Massachusetts, Amherst, MA, 2020 (expected)
PhD, Linguistics

Swarthmore College, Swarthmore, PA, 2014
Bachelor of Arts in Linguistics and minor in Computer Science
High Honors in Linguistics and Natural Language Models

RESEARCH
EXPERIENCE

Research Intern, Raytheon BBN Technologies, Analytics and Machine Intelligence, 2018-2019
Topic: Neural network language models for automatic speech recognition

Research Assistant, University of Massachusetts Amherst, 2017
Topic: Semantics of Endangered Languages in North America
Primary investigator: Seth Cable

Research Assistant, University of Massachusetts Amherst, 2016
Topic: Computational phonology
Primary investigator: Gaja Jarosz

Fulbright Fellow, University of Victoria and McGill University, 2014-2015
Topic: Technology and First Nations Language Revitalization
Advisors: Leslie Saxon and Jessica Coon

Ticha Digital Humanities Project Intern, Haverford College, 2014
Topic: Digitalization and online presentation of Colonial Zapotec texts
Supervisor: Brook Lillehaugen

Computer Science Department Intern, Cornell University, 2013
Topic: Programming languages for software-defined networks
Supervisor: Nate Foster

TEACHING
EXPERIENCE

Instructor, University of Massachusetts Amherst, Fall 2019
First Year Seminar: Technology for Language Revitalization

Teaching Assistant, University of Massachusetts Amherst, Fall 2019
Class: Language and the Brain
Instructor: Brian Dillon

Visiting Instructor, Mt. Holyoke College, Computer Science Department, Fall 2018
Class: Programming Languages

Teaching Assistant, University of Massachusetts Amherst, Spring 2017
Class: Introduction to Linguistic Theory
Instructor: Seth Cable

Teaching Assistant, University of Massachusetts Amherst, Fall 2017
Class: Cognitive Modeling
Instructor: Gaja Jarosz

GRANTS AND
AWARDS

2016. Selkirk Linguistics Outreach Fund Award (Project title: *Perspective in Valley Zapotec*)
2015-2016. University of Massachusetts Amherst Fellowship
2014-2015. Fulbright Canada Research Scholarship (Project title: *Old Languages, New Technologies: Youth Engaged in First Nations Language Revitalization*)
2014. Phi Beta Kappa Inductee
2014. The Linguistics Prize in Applications of Theory, Swarthmore College
2014. Computing Research Association Outstanding Undergraduate Researchers Award Finalist
2013. Philip M. Hicks Prize for Best Critical Essay Recipient
2011-2014. Marianne Durand Frey '57 Scholar
2010. National Merit Scholar

PEER-REVIEWED
JOURNAL PAPERS

Anderson, Carolyn Jane and Brook Danielle Lillehaugen, 2016. Negation in Colonial Valley Zapotec. *Transactions of the Philological Society* 114(3).

PEER-REVIEWED
CONFERENCE
PROCEEDINGS

Anderson, Carolyn Jane, Nate Foster, Arjun Guha, Jean-Baptiste Jeannin, Dexter Kozen, Cole Schlesinger, and David Walker, NetKAT: Semantic Foundations for Networks. *ACM SIGPLAN-SIGACT Symposium on Principles of Programming Languages (POPL)*, 2014.

Carolyn Jane Anderson

| | |
|---|---|
| CONFERENCE PROCEEDINGS (PEER-REVIEWED ABSTRACT) | Anderson, Carolyn Jane , <i>Tomorrow</i> is not always a day away. Sinn und Bedeutung (SuB) 23, to appear. |
| MANUSCRIPTS | Anderson, Carolyn Jane and Brian Dillon , Guess Who's Coming (And Who's Going): Bringing Perspective to the Rational Speech Acts Framework. Society for Computation in Linguistics (SCiL), 2019. |
| CONFERENCE PRESENTATIONS | Anderson, Carolyn Jane , 2019. Tomorrow isn't always a day away: Non-utterance time readings of <i>tomorrow</i> . Submitted. |
| | Anderson, Carolyn Jane and Brian Dillon , Taking other perspectives into account: an RSA model of perspectival reasoning. Talk to be given at Rational Approaches in Language Science (RAiLS), 2019. |
| | Anderson, Carolyn Jane , Explaining the progressive motion verb puzzle in Zapotec. Talk presented at the Texas Linguistics Society, 2019. |
| | Anderson, Carolyn Jane , 'Tomorrow' Isn't Always a Day Away. Talk presented at Sinn und Bedeutung (SuB), 2018. |
| | Anderson, Carolyn Jane , 'Tomorrow' Isn't Always a Day Away. Poster presented at the 31st annual CUNY Human Sentence Processing Conference, 2018. |
| | Anderson, Carolyn Jane , The San Lucas Quiaviní Zapotec Andative and Venitive. Talk presented at the Society for the Study of Indigenous Languages of the Americas (SSILA) annual meeting, 2018. |
| | Honorable Mention, Best Student Paper Presentation |
| | Anderson, Carolyn Jane , The Andative and Venitive Construction in San Lucas Quiaviní Zapotec. Talk presented at Multi-Verb Constructions: Semantic, Syntactic and Typological Perspectives (MVC), 2017. |
| | Anderson, Carolyn Jane and Brook Danielle Lillehaugen , The Morphosyntax of Negation in Colonial Valley Zapotec. Talk presented at the Society for the Study of Indigenous Languages of the Americas (SSILA) annual meeting, 2015. |
| | Anderson, Carolyn Jane and Brook Danielle Lillehaugen , La morfosintaxis de la negation en el zapoteco del Valle colonial. Talk presented at Coloquio sobre Lenguas Otomangués y Vecinas (COLOV) IV: Mario Molina Cruz, 2014. |
| | Anderson, Carolyn Jane , Language Ideology and Human Rights Doctrine in Morocco. Talk presented at New Ways of Analyzing Variation (N WAV) 42, 2013. |
| OTHER PRESENTATIONS | Anderson, Carolyn Jane , Reasoning about Perspectives. Abstract selected for presentation at the Science Speed Geeking event at the XPrag Summer School, 2019. |
| | Anderson, Carolyn Jane , Masked prediction for consensus network rescoring. Intern presentation, BBN Technologies, 2019. |
| | Anderson, Carolyn Jane , Neural networks for ASR: focusing on the text. Intern presentation, BBN Technologies, 2018. |
| TECHNICAL SKILLS | C++ (intermediate), Coq (intermediate), Figaro (intermediate), Haskell (novice), Java (intermediate), Javascript (intermediate), Python (advanced), R (advanced), Racket (advanced), TensorFlow (intermediate), WebPPL (intermediate) |
| LANGUAGES | Bangla (novice), French (advanced), German (intermediate), Modern Standard Arabic (intermediate), Spanish (intermediate), Western Tlacolula Valley Zapotec (fieldwork) |
| SERVICE | Organizer , Neural Networks in Linguistics Reading Group, 2018-2019 |
| | Graduate Representative to Faculty Meetings , University of Massachusetts Amherst, 2016-2017 |
| | Twitter Reader , Voces del Valle, 2017 |