

CONTACT	Email: <a href="mailto:carolynder@linguist.umass.edu">carolynder@linguist.umass.edu</a> Website: <a href="https://canders1.github.io">canders1.github.io</a>	
EDUCATION	<b>University of Massachusetts</b> , Amherst, MA PhD, Linguistics, 2021 (expected) <b>Swarthmore College</b> , Swarthmore, PA GPA: 3.93   in major GPA: 3.96 Bachelor of Arts in Linguistics and minor in Computer Science with High Honors, 2014	
AWARDS	Fulbright Research Scholar (2014-2015); Phi Beta Kappa Inductee (2014); The Linguistics Prize in Applications of Theory, Swarthmore College (2014); Computing Research Association Outstanding Undergraduate Researchers Award Finalist (2014); National Merit Scholar (2010)	
EXPERIENCE	<b>Fulbright Fellow</b> , University of Victoria and McGill University 2014-2015 <ul style="list-style-type: none"> <li>- Conducted research on technology and First Nations language revitalization under supervision of Leslie Saxon and Jessica Coon</li> <li>- Helped produce <a href="http://learn.migmaq.org">learn.migmaq.org</a>, a language-learning website for Mi'gmaq, as part of the collaboration between McGill and Listuguj Mi'gmaq community</li> </ul> <b>Research Assistant</b> , Ticha Digital Humanities Project, Haverford College Summer 2014 <ul style="list-style-type: none"> <li>- Transcribed sections of the Arte en Lengua Zapoteca, a 16th century grammar of Colonial Zapotec</li> <li>- Encoded the transcribed Arte in TEI, the XML standard for digital humanities projects</li> <li>- Designed new website for the Ticha project and developed content to explain the language and its cultural context to a range of audiences.</li> </ul> <b>Research Assistant</b> , Linguistics Department, Swarthmore College Spring 2014 <ul style="list-style-type: none"> <li>- Worked with Professor Brook Lillehaugen on Colonial Valley Zapotec, an indigenous Mexican language</li> <li>- Transcribed, analyzed, and translated Colonial Valley Zapotec texts into English.</li> <li>- Expanded the FLEx database of Colonial Valley Zapotec texts.</li> </ul> <b>Research Intern</b> , Computer Science Department, Cornell University Summer 2013 <ul style="list-style-type: none"> <li>- Worked with Professor Nate Foster on Frenetic, a network programming language</li> <li>- Proved soundness of language's equational theory with respect to its denotational semantics in the Coq proof assistant</li> <li>- Developed tests for reachability properties by relating the denotational semantics to a language model</li> </ul> <b>Grader</b> , Linguistics Department, Swarthmore College 2011-2013 <ul style="list-style-type: none"> <li>- Grader of weekly problem sets for Semantics (Fall 2011; Fall 2013)</li> <li>- Grader of midterm papers for Syntax (Fall 2012)</li> </ul> <b>Independent Researcher</b> , Rabat, Morocco Spring 2012 <ul style="list-style-type: none"> <li>- Designed and carried out independent research on the language usage and attitudes of Moroccan students at Mohammed V University</li> <li>- Administered 90 surveys in three languages and translated results from French and Arabic</li> <li>- Presented evidence of a new language ideology emerging among educated urban youth</li> </ul>	
TALKS AND PUBLICATIONS	<b>Anderson, Carolyn Jane and Brook Danielle Lillehaugen</b> , The Morphosyntax of Negation in Colonial Valley Zapotec. Under review with the Transactions of the Philological Society. <b>Anderson, Carolyn Jane and Brook Danielle Lillehaugen</b> , The Morphosyntax of Negation in Colonial Valley Zapotec. Presented at the Society for the Study of Indigenous Languages of the Americas (SSILA) annual meeting, 2015. <b>Anderson, Carolyn Jane and Brook Danielle Lillehaugen</b> , La morfosintaxis de la negation en el zapoteco del Valle colonial. Presented at Coloquio sobre Lenguas Otomangués y Vecinas (COLOV) IV: Mario Molina Cruz, 2014. <b>Carolyn J. Anderson, Nate Foster, Arjun Guha, Jean-Baptiste Jeannin, Dexter Kozen, Cole Schlesinger, and David Walker</b> , NetKAT: Semantic Foundations for Networks ACM SIGPLAN-SIGACT Symposium on Principles of Programming Languages (POPL), 2014. <b>Anderson, Carolyn Jane</b> , Language Ideology and Human Rights Doctrine in Morocco. Presented at New Ways of Analyzing Variation (NWAV) 42, 2013. <b>Anderson, Carolyn Jane</b> , I Talk it and I Feel it: Language Attitudes of Moroccan University Students. Undergraduate thesis, Swarthmore College, 2013.	
TECHNICAL SKILLS	C++, Coq, CSS, Haskell, HTML, Javascript, L <sup>A</sup> T <sub>E</sub> X, Python, Racket, XML, XSLT	
LANGUAGES	French (advanced), German (intermediate), Modern Standard Arabic (intermediate), Mi'gmaq (beginning)	