

### Senior Theses Advised (Haverford/Bryn Mawr/Swarthmore College)

- Jiangxue Han (2022), Mitigating Racial Bias in Social Media Hate Speech Detection
- John M. Jayasankar (2022), Evaluating the Existence and Nature of the Critical Period Hypothesis in Second Language Acquisition
- Yiying Jiang (2022), Tonal Adaptation in Mandarin-English Code-Switching
- Vinny Ong (2022), Bilingualism in America: Supporting Bilingual Learners in the American Education System
- Duc M. Trinh (2022), Negation Learning in Transformer-based Neural Machine Translation Models
- Travis Herringshaw (2020), Prosody of Positive and Negative Conjunction in English and Bengali
- Emily Lin (2020), Handling Reduplication in a Morphological Analyzer for Wamesa
- Tessa Pham (2020), Semantic Parsing for Vietnamese: A Cross-lingual Approach
- Jack St. Clair (2020), Building a Linguistics based Loss Function for Dialogue Generation
- Conor Stuart Roe (2020), Morphological Paradigm Completion with LSTM Neural Models
- IJ Bauman (2019), A Cross-Dialectal Acoustical Study of Vowel Duration in Mexico City and Veracruz Spanish
- Kennedy Ellison (2019), Exploring the Role of Emojis in Tweets for Authorship Attribution
- Jarren Jennings (2019), Modeling Language
- Hanna Meyer (2019), Defining Language in the Wake of Primate Language Studies
- Gregory Morgan (2019), Grapheme to Phoneme Conversion: Using Input Strictly Local Finite State Transducers
- Umutesi Queen (2019), The fluidity of foreign language instruction; an intersection of personal teaching pedagogy and proposed second language teaching (SLT) principles.
- Xinyi Wang (2019), Contextualized Recurrent Neural Network Transducer Model
- Tai Warner (2019), Distilling Knowledge from Wikipedia for Augmented Speech Recognition
- Anita Brown (2018), Quantitative Metathesis in Ancient Greek
- Abigail Crum (2018), The Intonational Phonology of Spoken Word Poetry

- Sarah Malia Daguio (2018), Collaborative Human-Machine Translation and its Approach to Code-switching
- Briana Grenert (2018), The Shape of Eta: Evolutionary Phonology and the Development of Attic Greek [ɛ:]
- Audrey Lin (2018), Sign Language Recognition: Defining subunits by quantified hand-shapes with Hidden Markov Models
- Connor Cassidy (2017), Learning Models for Opinion Mining Over a Fundamental Analysis Corpus
- Kalina Kostyszyn (2017), A Minimal Rule Generalization Algorithm for Multi-Part Phonological Rule Learning
- Sophie Rehrig (2017), Guide to Diphone Synthesis of West Greenlandic
- Nora Tien (2017), Machine Translation and Vernacular: Interpreting the Informal
- Alex Wang (2017), Music Transposition as a Method of Generating Data for Chord Recognition
- Daniel Hopkins (2016), Using Phrase-Structure Rules in Extractive Text Summarization
- Anh Nguyen (2016), Phonological Planning in a Computational Model of Bilingual Aphasia
- Jesse Pazdera (2016), Computational Modeling of Musical Enculturation: An Investigation of Multicultural Music Learning Using Self-Organizing Maps