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| E-MAIL: | Lattimore Hall 509 Rochester, NY 16411 (585) 273-2366 | WEBPAGE: http://www.ling.rochester.edu/wilrankinen/ |
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EDUCATION:

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| Ph.D. in General Linguistics | 2014 |
| Indiana University | Bloomington, IN |
| Focus: | Phonetics and Sociolinguistics |
| Minor: | Finnish Language Studies |
| Dissertation Committee: | Dr. Kenneth de Jong (<i>chair</i>), Dr. Dennis Preston, Dr. Stuart Davis, Dr. Julie Auger, and Dr. Pia Päiviö |
| Dissertation Title: | “The sociophonetic and acoustic vowel dynamics of Michigan’s Upper Peninsula English” |
| M.A. in General Linguistics | 2011 |
| Indiana University | Bloomington, IN |
| Focus: | General Linguistics |
| Languages Studied: | Finnish, Swedish, Susu |
| B.A. in English | 2008 |
| Michigan State University | East Lansing, MI |
| Major: | English, Secondary Education |
| Minor: | Teaching English to Speakers of Other Languages (TESOL) |

RESEARCH INTERESTS:

Sociophonetics, acoustic and auditory phonetics, experimental phonology, normalization methods, production-perception mapping, language variation and change, language contact, language attitudes and perceptions, folk linguistics, and substrate and regional American English varieties.

CURRENT RESEARCH:

- I. Sociophonetic and statistical analysis of vowel systems collected among Finnish- and Italian-American communities in the Great Lakes region; vowel positions are determined spectrographically according to acoustic properties and data analysis is framed to trace the acquisition of and influence on English.
- II. Production/perception of locative prepositional omission of speakers in Michigan’s Upper Peninsula.
- III. Development of normalization procedures that account not only for the biological differences of vocal tract size effects but also factor in the phonological and sociological correlates of a given speech community; accounting for multi-dimensional acoustic-phonetic measurements, i.e., not only F1 and F2 values, when implementing normalization methods that models normalization in human-perception.
- IV. Development of formant extraction procedures that account for the dynamic trajectory of vowel qualities while efficiently and accurately determining measurement points most appropriate for either a monophthongal or diphthongal vowel; the current procedure implements two models (i.e., a single-pivot model for monophthongs and a dual-pivot model for diphthongs), which uses linear-regression modeling to objectively and semi-automatically determine the “best” fitted-ness of potential measurement point(s) along an individual trajectory of a vowel token.

ACADEMIC POSITIONS:

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| VISITING ASSISTANT PROFESSOR | Department of Linguistics, University of Rochester | 2014-2015 |
| LECTURER | Department of Linguistics and Languages, Michigan State University | 2013-2014 |
| ADJUNCT LECTURER | Department of English, Morehead State University | 2012-2013 |
| ASSOCIATE INSTRUCTOR | Department of Linguistics, Indiana University | 2010-2012 |

COURSES TAUGHT:

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|-----------------------|---|
| General: | <i>Intro. to Linguistics; Intro. to Linguistic Analysis; Language: Culture and Mind</i> |
| Phonetics/Phonology: | <i>Intro. to Phonetics; Intro. to Language Sound Systems; Laboratory Phonetics</i> |
| Variation and Change: | <i>Sociolinguistics; Historical Linguistics; Language and Social Identity; Language and Society; Dialects and Language Variation; The Ebonics Controversy</i> |

PEER-REVIEWED PUBLICATIONS:

Rankinen, Wil (2014). "The Michigan Upper Peninsula Vowel System in Finnish American Communities in Marquette County." *American Speech*, Volume 89, Number 3, 312-347.

WORKS-IN-PROGRESS:

"Canadian Vowel Characteristics in Finnish and Italian American Communities in Michigan's Marquette County." *American Speech*: currently be revised for re-submission.

"Where'd the Preposition go? Directed locative prepositional omission of younger raters in Michigan's Upper Peninsula." Currently being revised for publication in a peer-reviewed journal.

"A 'pivot' Model for Extracting Formant Measurements based on Vowel Trajectory Dynamics." Co-authored with Aaron Albin. Currently being revised for publication in a peer-reviewed journal.

"A Bayesian Statistical Approach to Vowel Normalization." Co-authored with Aaron Albin. Currently being revised for publication in a peer-reviewed journal.

"The Entanglement of Dialectal Variety and Speaker Normalization." Indiana University Linguistic Club Working Papers, Bloomington, IN. Currently being revised for publication in a peer-reviewed journal.

UNPUBLISHED MANUSCRIPTS:

"Acoustic Vowel Characteristics of Immigrant-heritage and Language-dominance Effects among Finnish- and Italian-American Communities." Indiana University, Bloomington, IN. Currently being revised for publication, 2010.

"The Optionality of Directional Prepositions in Michigan's Upper Peninsula: A descriptive analysis of a perceptual sentence acceptability-rating task." Indiana University, Bloomington, IN. Graduate-level term paper, 2009.

"Optionality of 'to' Deletion: A case of optional deletion for prepositions in the English language variety of Michigan's Upper Peninsula." Indiana University, Bloomington, IN. Unpublished graduate-level course paper, 2008

"An Upper Peninsula of Michigan Vowel System: A Preliminary Study." Michigan State University, Lansing, MI. Unpublished undergraduate-level course paper, 2007.

PRESENTATIONS, POSTERS AND PUBLISHED INTERVIEWS:

"A 'pivot' model for extracting formant measurements based on vowel trajectory dynamics," co-presented poster with Aaron Albin, Acoustical Society of America, Indianapolis, IN, October 2014.

"A 'pivot' model for extracting formant measurements based on vowel trajectory dynamics," Department of Linguistics' Colloquium 2013-2014, University of Rochester, Rochester, NY, October 2014.

"The acoustic dynamics of vowels and the sociophonetics of an American English variety spoken in Michigan's Upper Peninsula," Department of Linguistics and Languages' Colloquium 2013-2014, Michigan State University, East Lansing, MI, September 2013.

"Location and Heritage Effects on the Vowel Characteristics among Monolingual English Speakers from Michigan's Upper Peninsula," Locating Language: A Symposium on the Linguistics of Place, Columbus, OH, April 2013.

"Hierarchical Bayesian modeling of vowel formant data: Speaker-intrinsic and speaker-extrinsic approaches compared," co-presented poster with Aaron Albin, Acoustical Society of America, Kansas City, MO, October 2012.

"Where'd the Preposition go? An account of locative prepositional deletion in Michigan's UP speech community," American Dialects Society, Portland, OR, January 2012.

"A weird and peculiar story: Variation and change in North American adjectives," presented by Sali Tagliamonte and co-presented with students from LSA Summer Institute: Jon Bakos, Julia Cheng, Jessica Delisi, Amelia Dietrich, Devin Grammon, Ashley Hesson, Kinda Konnerth, Hank Lester, Justin McBride, Jane Mitsch, Meredith Moss, Jenna Nichols, Colin Pitet, Rachele Price, Gabe Radovsky, Wil Rankinen, Na-Young Ryu, Hayley Smith, Nick Toler, and Jack Toner, Linguistic Society of America, Portland, OR, January 2012.

"A Bayesian Statistical Approach to Vowel Normalization," co-presented with Aaron Albin, New Ways of Analyzing Variation, Washington, DC, October 2011.

"The Entanglement of Dialect Variety and Speaker Normalization," co-presented with Dr. Kenneth de Jong, Linguistic Society of America, Pittsburg, PA, January 2011.

"Michigan's Upper Peninsula Vowel System: Finnish- and Italian-American Communities," Linguistic Society of America, Baltimore, MD, January 2010.

“Sounding Out a Dialect: Michigan’s Upper Peninsula Vowel Systems,” Michigan’s Iron Industry Museum, Negaunee, MI, August 2009.

“Michigan’s Upper Peninsula Vowel Systems: Finnish- and Italian-American Communities,” 3rd Annual IU Linguistics Department Graduate Student Conference, Bloomington, IN, March 2009.

“A Michigan Upper Peninsula Vowel System,” MSU Undergraduate Research & Arts Forum, East Lansing, MI, April 2008.

“A Michigan Upper Peninsula Vowel System,” MSU’s Friends of Sociolinguistics, East Lansing, MI, April 2008.

“Linguistic Patterns in Michigan,” co-interview with Dr. Dennis Preston, Points North News Radio, Interlochen, MI, February 2008.

“A Michigan Upper Peninsula Vowel System,” American Dialect Society, Chicago, IL, January 2008.

“A Michigan Upper Peninsula Vowel System,” MSU’s Friends of Sociolinguistics, East Lansing, MI, November 2007.

“An Upper Peninsula of Michigan Vowel System Study,” MSU Undergraduate Research and Arts Forum, East Lansing, MI, April 2007.

AWARDS:

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|----------------------------------|---|---------------|
| OUTSTANDING ASSOCIATE INSTRUCTOR | Dept. of Linguistics, Indiana University, IN | 2012-2013 |
| OUTSTANDING SENIOR ACHIEVEMENT | Dept. of English, Michigan State University, MI | 2007-2008 |
| ADS PRESIDENTIAL HONOREE | American Dialects Society, Chicago, IL | January, 2008 |

GRANTS:

| | | |
|-------------------------------------|--|---------------|
| ADS TRAVEL GRANT | American Dialect Society, Portland, OR | January, 2012 |
| IULC TRAVEL GRANT | Dept. of Linguistics, Indiana University, IN | 2011-2012 |
| LSA LINGUISTIC INSTITUTE FELLOWSHIP | Linguistic Society of America, Boulder, CO | 2010-2011 |
| IULC TRAVEL GRANT | Dept. of Linguistics, Indiana University, IN | 2010-2011 |
| FLAS ACADEMIC FELLOWSHIP (FINNISH) | Dept. of West European Studies, Indiana University, IN | 2010-2011 |
| FINLANDIA FOUNDATION SCHOLARSHIP | Finlandia Foundation, Pasadena, CA | 2009-2010 |
| CIMO TRAVEL GRANT | Center for International Mobility, Finland | 2008-2009 |
| FLAS SUMMER FELLOWSHIP (SWEDISH) | Dept. of West European Studies, Indiana University, IN | 2008-2009 |
| FLAS ACADEMIC FELLOWSHIP (FINNISH) | Dept. of West European Studies, Indiana University, IN | 2008-2009 |
| CAL-URI RESEARCH GRANT | College of A & L, Michigan State University, MI | 2007-2008 |
| ADS TRAVEL GRANT | American Dialect Society, Chicago, IL | January, 2008 |

HONORS:

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|---------------------------|---|-----------|
| NSF HONORABLE MENTION | National Science Foundation, Indiana University, IN | 2010-2011 |
| UNDERGRADUATE DEAN’S LIST | Dept. of English, Michigan State University, MI | 2005-2008 |
| STUDENT ROTARIAN (TAIWAN) | Rotary International Exchange, Taipei, Taiwan | 2004-2005 |

EDITORIAL SERVICE:

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|--------------------|----------------------|--------------|
| REVIEWER | Journal of Phonetics | 2014-Present |
| EDITOR’S ASSISTANT | Journal of Phonetics | 2011-2012 |

MEMBERSHIPS AND AFFILIATIONS:

Acoustical Society of America, Linguistic Society of America, American Dialect Society, Historical Society of Michigan, and Quincy Mine Hoist Association

LANGUAGE PROFICIENCIES:

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| Native: | Conversational: | Reading: | Structural only: |
| English | Finnish, Chinese | Finnish | Swedish, Susu, Spanish |

PROFESSIONAL REFERENCES:

| | | | |
|-------------------|---------------------|---------------------------------------|---------------------------|
| KENNETH DE JONG | Professor | Dept. of Linguistics | Indiana University |
| | Tel: (812) 856-1307 | E-mail: kdejong@indiana.edu | |
| JOYCE McDONOUGH | Associate Professor | Dept. of Linguistics | University of Rochester |
| | Tel: (585) 275-2895 | E-mail: joyce.mcdonough@rochester.edu | |
| DENNIS R. PRESTON | Professor | Dept. of English | Oklahoma State University |
| | Tel: (405) 744-9474 | E-mail: dennis.preston@okstate.edu | |
| SUZANNE E. WAGNER | Assistant Professor | Dept. of Linguistics | Michigan State University |
| | Tel: (517) 355-9739 | E-mail: wagnersu@msu.edu | |