

Nathan Sanders

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Education

- 1996–2003 University of California, Santa Cruz
MA (2000) and PhD (2003) in Linguistics
dissertation title: *Opacity and sound change in the Polish lexicon*
dissertation committee: Jaye Padgett (chair), Junko Ito, Armin Mester, Caro Struijke
- 1992–1996 Massachusetts Institute of Technology
SB in Mathematics, minor in Linguistics

Academic Positions

- 2003–present Williams College
Assistant Professor, Linguistics Program

Publications

- In press Predicting vowel inventories from a dispersion-focalization model: New results. With Jaye Padgett. *Papers from the 44th Meeting of the Chicago Linguistics Society*. Chicago Linguistics Society.
- 2003 *Opacity and sound change in the Polish lexicon*. PhD dissertation, UCSC. Rutgers Optimality Archive #809.
- 2002 Preserving synchronic parallelism: Diachrony and opacity in Polish. In Mary Andronis, Christopher Ball, Heidi Elston and Sylvain Neuvel, eds. *CLS 37: The Main Session. Papers from the 37th Meeting of the Chicago Linguistic Society*. Vol. 1. Chicago Linguistic Society. 501–516.
- 2002 Dispersion in OT: Color contrast in Middle Polish nasal vowels. In Line Mikkelsen and Christopher Potts, eds. *WCCFL 21 Proceedings*. Somerville, MA: Cascadilla Press. 415–428.
- 1999 Infixal nominal reduplication in Maŋarayi. With Kazutaka Kurisu. In Adam Ussishkin, Dylan Herrick, Kazutaka Kurisu, and Nathan Sanders, eds. *Phonology at Santa Cruz 6*. 47–56.
- 1999 Intra-representational correspondence and truncation. Rutgers Optimality Archive #394.
- 1997 On sympathetic correspondence. In Rachel Walker, Daniel Karvonen, and Motoko Katayama, eds. *Phonology at Santa Cruz 5*. 91–102.

Edited Publications

- 2000 *Jorge Hankamer WebFest*. <<http://ling.ucsc.edu/Jorge/>>. Co-editor with Sandy Chung and Jim McCloskey.
- 1999 *Phonology at Santa Cruz 6*. Co-editor with Adam Ussishkin, Dylan Herrick, and Kazutaka Kurisu.

Unpublished Work

- Under review Towards a classification of the northern Berkshires dialect of English. With Jacob Cerny and Christopher Paci.
- Under review Phonologically marked allomorphs in French Caribbean creoles. With Eric Wirkerman.
- In progress Strong lexicon optimization.
- In progress R-UPSID. With Jaye Padgett. R software and documentation.
- In progress Post-nasal hardening in Malagasy. With Rachel Segretto.
- 2006 OTtblx. L^AT_EX software and documentation.
- 2000 Intra-representational correspondence and the realization of empty morphemes. Manuscript.
- 2000 The double object construction. Manuscript.
- 1998 Same-edge alignment with opposite-edge effects: An analysis of reversal ludlings. Manuscript.

Presentations

- Forthcoming Articulatory parameters in a dispersion-focalization model of vowel systems. With Jaye Padgett. UC Santa Cruz Linguistics Alumni Conference.
- 2008 The role of dispersion, focalization, and articulation in vowel system simulations. With Jaye Padgett. Invited talk, Massachusetts Institute of Technology.
- 2008 Predicting vowel inventories from a dispersion-focalization model: New results. With Jaye Padgett. 44th Meeting of the Chicago Linguistics Society, Main Session: Modeling Language Evolution, University of Chicago.
Also given as an invited talk at Stanford University.
- 2006 Strong lexicon optimization. UMass Phonology Group.
- 2005 Written language. Invited lecture for BILL W120: Ideas that Changed the World, Berkshire Institute for Lifetime Learning.
- 2004 Opacity from contrast: Neutral segments in harmony systems. The 12th Manchester Phonology Meeting, University of Manchester, UK.
- 2002 Dispersion in OT: Color contrast in Middle Polish nasal vowels. West Coast Conference on Formal Linguistics 21, UCSC.
- 2002 Opacity and sound change in the Polish lexicon. Public PhD dissertation defense, UCSC.
- 2001 Preserving synchronic parallelism: Diachrony and opacity in Polish. 37th Meeting of the Chicago Linguistic Society poster session, University of Chicago.
Also presented at Trilateral Phonology Weekend, Stanford University.
Also presented at Generative Linguistics in Poland 3, Uniwersytet Warszawski.

- 1999 Same-edge alignment with opposite-edge effects. West Coast Conference on Formal Linguistics 18, University of Arizona, Tucson.
Also presented at Trilateral Phonology Weekend, Stanford University.
- 1999 Intra-representational correspondence and truncation. Linguistics at Santa Cruz, UCSC.
- 1998 Same-edge alignment with opposite-edge effects. Linguistics at Santa Cruz, UCSC.
- 1996, 1997 Hybridization of the Northwest Georgian and New England dialects of American English. Guest lecture for LING 80C: Language and Culture, UCSC.

Teaching Experience

courses designed and taught at Williams College (semesters)

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|------|---------|--|
| 2008 | fall | LING 100/ANTH 107: Introduction to Linguistics LING 400: Linguistics Research Seminar |
| | spring | LING 210: Articulatory and Acoustic Phonetics LING 340: Historical Linguistics CMAJ 494: Senior Thesis |
| | January | LING 010: Linguistic Typology and the Science of Constructed Languages CMAJ W31: Senior Thesis |
| 2007 | fall | LING 230/PHIL 131: Introduction to Logic and Semantics LING 310: Phonology LING 397: Independent Study CMAJ 493: Senior Thesis |
| 2006 | spring | LING 111: Articulatory and Acoustic Phonetics LING 121/ENGL 122: The Syntactic Structure of English LING 398: Independent Study CMAJ 494: Senior Thesis |
| | January | CMAJ W31: Senior Thesis |
| 2005 | fall | LING 101/ANTH 107: Introduction to Linguistics LING/PHIL 131: Introduction to Logic and Semantics LING 397: Independent Study CMAJ 493: Senior Thesis |
| | spring | LING 111: Articulatory and Acoustic Phonetics LING 212: Historical Linguistics |
| | January | LING 010: Surviving Your Fifteen Minutes |
| 2004 | fall | LING 101/ANTH 107: Introduction to Linguistics LING 211: Phonology |
| | spring | LING 111: Articulatory and Acoustic Phonetics LING 121/ENGL 122: The Syntactic Structure of English |
| 2003 | fall | LING 101/ANTH 107: Introduction to Linguistics LING/PHIL 131: Introduction to Logic and Semantics |

courses taught at UCSC (quarters)

| | | |
|------|--------|--|
| 2002 | summer | LING 80G: Introduction to Unix LING 51: Phonetics |
| | winter | LING 101: Phonology I |
| 2001 | summer | LING 80G: The Nature and Language of Computers |
| 2000 | summer | LING 51: Phonetics |

courses assisted at UCSC (quarters)

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|------|--------|--|
| 2003 | spring | PHIL 117: Intermediate Logic (Prof. Richard Otte) |
| 2002 | fall | MATH 19A: Calculus for Science, Engineering, and Mathematics (Prof. Tony Tromba) |
| | spring | LING 51: Phonetics (Prof. Caro Struijke) |
| 2000 | fall | LING 108: Poetry and Language (Prof. Sandra Chung) |
| | spring | LING 140: Language Change (Prof. Armin Mester) |
| | winter | COWELL 80G: The Nature and Language of Computers (Prof. Geoffrey K. Pullum) |
| 1999 | fall | LING 55: Syntactic Structures (Prof. Sandra Chung) |
| | winter | COWELL 80G: The Nature and Language of Computers (Prof. Geoffrey K. Pullum) |
| 1998 | fall | PHIL 9: Introduction to Logic (Prof. Matthew Henkin) |
| | winter | COWELL 80G: The Nature and Language of Computers (Prof. Geoffrey K. Pullum) |
| 1997 | fall | LING 101: Phonology I (Prof. Junko Ito) |

courses assisted at MIT (semesters)

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|------|---------|--|
| 1996 | spring | 18.03: Differential Equations (Prof. Arthur Mattuck) |
| | January | 18.01: Calculus I (Prof. David Jerison) |

Supervised Student Research

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| 2008–2010 | Patricia Cho. Second-language acquisition of Chinese tone and fricatives. Mellon Mays Undergraduate Fellowship. |
| 2007–2008 | Jeremy Doernberger. <i>American dialects at college</i> . Honors thesis. |
| 2007–2008 | Jacob Cerny and Christopher Paci. The vowels of the Berkshires. Paper presented at Cornell Undergraduate Linguistics Colloquium 2008. |
| 2007 | Jacob Cerny and Jeremy Doernberger. The low back merger in Miami. Poster presented at New Ways of Analyzing Variation 36. Selected as Best Student Poster. |
| 2007 | Eric Wirkerman. Allomorphy of the definite article in French Caribbean creoles. |

- 2006 Fabienne Delacroix and Jessica England. Research study of *Opacity and sound change in the Polish lexicon*.
- 2005–2006 Lindsey Corbin. *The phonetics and phonology of s-lenition and vowel laxing in Eastern Andalusian Spanish*. Honors thesis.
- 2005 Rachel Segretto. Post-nasal hardening in Malagasy.

Research Positions

- 2006–2007 Linguistics Department, UMass Amherst
Visiting Scholar
Sponsor: Elisabeth Selkirk
- 1999 Perceptual Sciences Laboratory
Department of Psychology, UCSC
Research Assistant
Principal Investigators: Dominic Massaro and Michael Cohen
- 1999 Department of Linguistics, UCSC
Research Assistant
Principal Investigators: Junko Ito and Armin Mester
- 1998 Department of Linguistics, UCSC
Research Assistant
Principal Investigator: Jorge Hankamer

Professional Activities

- 2007–*present* Williams College Winter Study Committee
- 2003–*present* Williams College Linguistics Program Coordinator
- 2003–*present* Williams College Dively Committee
2004–2005 Chair
- 2007 organized WillLing 2007 (two-day colloquium series for Williams College undergraduates to present their linguistics research)
- 2006–2007 Search Committee for Mellon Post-Doc in Linguistics at Williams College
- 2005–2006 Search Committee for Visiting Assistant Professor in Linguistics at Williams College
- 2003–2006 Williams College LGBT Advisory Committee
- 2001–2003 UCSC Graduate Student Commons Governance Board
2001–2003 Graduate Student Representative
2001 Chair
- 1997–2003 SLUG Pubs (publisher of UCSC linguistics PhD dissertations)
Co-Founder and Executive Director
- 2001–2002 West Coast Conference on Formal Linguistics 21 organizing committee, Web Designer
- 2001 Search Committee for the UCSC Graduate Student Commons Facilities Manager
- 1999–2000 UCSC Graduate Student Commons Planning Committee, Co-Chair

- 1999–2000 Graduate Student Representative to the UCSC Department of Linguistics Faculty
- 1999 reviewer for *Phonology at Santa Cruz 6*
- 1998–1999 Graduate Student Representative to the UCSC Alumni Association
- 1997–1999 Graduate Student Representative to the UCSC Graduate Council, UCSC
- 1996–1999 UCSC Graduate Student Association Council
 - 1998–1999 President
 - 1997 Internal Vice-President
 - 1996–1997 Representative from the Linguistics department
- 1997–1998 UCSC Linguistics Colloquium Committee
- 1997 Search Committee for the UCSC Director of the GLBT Resource Center
- 1997 reviewer for *Phonology at Santa Cruz 5*

Fellowships, Honors, and Awards

- 2001 Doctoral Student Sabbatical Fellowship (one quarter), UCSC
- 2001 Linguistics Department Travel Award, UCSC
- 2001 Outstanding Teaching Assistant Award, UCSC
- 2001 Humanities Dissertation Fellowship (two quarters), UCSC
- 1999 Linguistics Department Travel Award, UCSC
- 1998 Student Affairs Division Incentive Award, UCSC
- 1996 Regent’s Fellowship (three quarters), UCSC

Languages

French: intermediate reading/speaking proficiency
 Polish: research knowledge

Computer Skills

Proficiency with various Unix, Macintosh, and Windows operating systems; with HTML and L^AT_EX markup languages; with C-shell scripting; with the R programming language; and with numerous text, data, and graphics applications, including Microsoft Word, Microsoft Excel, Adobe Photoshop, and Adobe Illustrator.