

*Curriculum Vitae***Rachel Walker**

Address: Department of Linguistics
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Education

Ph.D. 1998, Department of Linguistics. University of California, Santa Cruz.

Doctoral dissertation: *Nasalization, Neutral Segments, and Opacity Effects*.

M.A. 1993, Department of Linguistics. University of Toronto.

M.A. thesis: *Contrastive Specification and Vowel Harmony in the Altaic Languages*.

B.A. (4 year) 1992 *High Distinction*, majors in Linguistics and English. University of Toronto.

Employment History

Professor, Department of Linguistics. University of California, Santa Cruz, 2021–

Professor, Department of Linguistics. University of Southern California, 2012–2021.

Associate Professor, Department of Linguistics. University of Southern California, 2005–2012.

Assistant Professor, Department of Linguistics. University of Southern California, 1998–2005.

Instructor. Department of Linguistics, University of California, Santa Cruz, 1997–1998.

Publications

Students and mentees are marked with an asterisk.

Books

Walker, Rachel. (2011). *Vowel Patterns in Language*. Cambridge: Cambridge University Press.

Walker, Rachel. (2000). *Nasalization, Neutral Segments and Opacity Effects*. New York: Garland. [Republished 2013, New York: Routledge.]

Refereed Journal Articles and Book Chapters

Yang, Yifan*, Rachel Walker, Alessandro Vietti and Armin Chiocchetti. (2021). Illustration of the IPA: Ladin, Fassa Valley dialects. *Journal of the International Phonetic Association*. DOI:10.1017/S0025100320000262.

Wei, Wei* and Rachel Walker. (2020). A lookahead effect in Mbe reduplication:

- Implications for Harmonic Serialism. *Linguistic Inquiry* 54, 845–859.
- Proctor, Michael, Rachel Walker, Caitlin Smith*, Tünde Szalay*, Louis Goldstein and Shrikanth Narayanan. (2019). Articulatory characterization of English liquid-final rimes. *Journal of Phonetics* 77. DOI: <https://doi.org/10.1016/j.wocn.2019.100921>.
- Walker, Rachel and Michael I. Proctor. (2019). The organization and structure of rhotics in American English rimes. *Phonology* 36, 457-495.
- Walker, Rachel. (2018). Feature identity and icy targets in Menominee vowel harmony. *Hana-bana: A Festschrift for Junko Ito and Armin Mester*, ed. by Ryan Bennett, Andrew Angeles, Adrian Brasoveanu, Dhyana Buckley, Nick Kalivoda, Shigeto Kawahara, Grant McGuire and Jaye Padgett (26 pp.). Department of Linguistics, University of California, Santa Cruz. OA: <https://itomestercelebration.sites.ucsc.edu/>
- Mintz, Toben H., Rachel Walker, Ashlee Welday* and Celeste Kidd*. (2018). Infants' sensitivity to vowel harmony and its role in segmenting speech. *Cognition* 171, 95–107.
- Walker, Rachel. (2016). Positional prominence and consonantal interactions in metaphony and post-tonic harmony. *Approaches to Metaphony in the Languages of Italy*, ed. by Francesc Torres-Tamarit, Kathrin Linke and Marc van Oostendorp, pp. 301-332. Berlin: de Gruyter.
- Walker, Rachel. (2014). Nonlocal trigger-target relations. *Linguistic Inquiry* 45, 501–523.
- Walker, Rachel. (2012). Vowel harmony in Optimality Theory. *Language and Linguistics Compass* 6, 575-592.
- Proctor, Michael and Rachel Walker. (2012). Articulatory bases of sonority in English liquids. *The Sonority Controversy*, ed. by Steve Parker, pp. 289-316. Mouton de Gruyter.
- Rose, Sharon and Rachel Walker. (2011). Harmony systems. *The Handbook of Phonological Theory*, second edition, ed. by John Goldsmith, Jason Riggle and Alan Yu, pp. 240-290. Malden, MA and Oxford: Wiley-Blackwell.
- Walker, Rachel. (2011). Nasal harmony. *The Blackwell Companion to Phonology*, ed. by Marc van Oostendorp, Colin J. Ewen, Elizabeth Hume, and Keren Rice, pp. 1838-1865. Malden, MA and Oxford: Wiley-Blackwell.
- Walker, Rachel. (2010). Non-myopic harmony and the nature of derivations. *Linguistic Inquiry* 41.1, 169-179.
- Walker, Rachel, Dani Byrd and Fidèle Mpiranya*. (2008). An articulatory view of Kinyarwanda coronal harmony. *Phonology* 25, 499–535.
- Walker, Rachel. (2007). Nasal and oral consonant similarity in speech errors: Exploring parallels with nasal consonant harmony. *Language and Cognitive Processes* 22.7, 1–41.
- Walker, Rachel. (2005). Weak triggers in vowel harmony. *Natural Language and Linguistic Theory* 23, 917–989.
- Rose, Sharon and Rachel Walker. (2004). A typology of consonant agreement as correspondence. *Language* 80, 475-531.
- Walker, Rachel. (2003). Reinterpreting transparency in nasal harmony. *The Phonological Spectrum, Volume I: Segmental Structure*, ed. by Jeroen van de Weijer, Vincent van Heuven, and Harry van der Hulst. (Current Issues in Linguistic Theory, No. 233.) pp. 37-72. Amsterdam: John Benjamins.
- Walker, Rachel. (2001). Round licensing, harmony, and bisyllabic triggers in Altaic. *Natural Language and Linguistic Theory* 19, 827-878.
- Walker, Rachel. (2000). Nasal reduplication in Mbe affixation. *Phonology* 17, 65-115.
- Walker, Rachel. (1999). Guaraní voiceless stops in oral versus nasal contexts: An acoustical study. *Journal of the International Phonetic Association* 29.1, 63-94.

Walker, Rachel and Geoffrey K. Pullum. (1999). Possible and impossible segments. *Language* 75.4, 764-780.

Papers in Conference Proceedings

- Walker, Rachel. (2020). Gradient feature activity in Korean place assimilation. *Proceedings of the North East Linguistic Society* 50, Vol. 3, ed. by Mariam Asatryan, Yixiao Song and Ayana Whitmal, pp. 207–220. Amherst, MA: GLSA, University of Massachusetts.
- Wei, Wei* and Rachel Walker. (2018). Lookahead effects in the reduplication-phonology interaction. *Proceedings of the North East Linguistic Society* 48, Vol. 3, ed. by Sherry Hucklebridge and Max Nelson, pp. 183–196. Amherst, MA: GLSA, University of Massachusetts.
- Walker, Rachel. (2017). Cumulative constraint interactions: Violations and domains encompassing segmental spans. *Proceedings of the West Coast Conference on Formal Linguistics* 34, ed. by Aaron Kaplan, Abby Kaplan, Miranda K. McCarvel, and Edward J. Rubin, pp. 1–15. Somerville, MA: Cascadilla Press.
- Walker, Rachel. (2015). Surface correspondence and discrete harmony triggers. *Proceedings of the 2014 Annual Meeting on Phonology*, ed. by Adam Albright and Michele Fullwood. DOI: <https://doi.org/10.3765/amp.v2i0.3744>.
- Walker, Rachel and Michael Proctor. (2013). Articulatory overlap in English syllables with postvocalic /ɹ/. *Proceedings of Meetings on Acoustics*, Vol. 19, 060259 (5 pp.).
- Walker, Rachel and Fidèle Mpiranya*. (2006). On triggers and opacity in coronal harmony. *Proceedings of the Thirty-First Annual Meeting of the Berkeley Linguistics Society* (February 2005), ed. by Rebecca T. Cover and Yuni Kim, pp. 383-394. Berkeley, CA: Berkeley Linguistics Society.
- Walker, Rachel. (2004). Vowel feature licensing at a distance: Evidence from Northern Spanish language varieties. *Proceedings of the West Coast Conference on Formal Linguistics* 23, ed. by Benjamin Schmeiser, Vineeta Chand, Ann Kelleher and Angelo J. Rodriguez, pp. 787-800. Somerville, MA: Cascadilla Press.
- Walker, Rachel and Bella Feng*. (2004). A ternary model of morphology-phonology correspondence. *Proceedings of the West Coast Conference on Formal Linguistics* 23, ed. by Benjamin Schmeiser, Vineeta Chand, Ann Kelleher and Angelo Rodriguez, pp. 773-786. Somerville, MA: Cascadilla Press.
- Walker, Rachel, Narineh Hacopian*, and Mariko Taki*. (2002). Nasal consonant speech errors: Implications for ‘similarity’ and nasal harmony at a distance. *Collected Papers: First Pan-American/Iberian Meeting on Acoustics*, Mexican Institute of Acoustics.
- Walker, Rachel. (2002). Yuhup prosodic morphology and a case of augmentation. *Proceedings of the North East Linguistic Society* 32, ed. by Masako Hirotoni, pp. 551-562. Amherst, MA: GLSA, University of Massachusetts.
- Walker, Rachel. (2001). Positional markedness in vowel harmony. *Proceedings of HILP 5. Linguistics in Potsdam*, Vol. 12, ed. by Caroline Féry, Antony Dubach Green and Ruben van de Vijver, pp. 212-232. University of Potsdam.
- Walker, Rachel. (2001). Consonantal correspondence. *Proceedings of the Workshop on the Lexicon in Phonetics and Phonology. Papers in Experimental and Theoretical Linguistics*, Vol. 6, ed. by Robert Kirchner, Joe Pater, and Wolf Wikeley, pp. 73-84. Edmonton: Department of Linguistics, University of Alberta.
- Walker, Rachel. (2000). Yaka nasal harmony: Spreading or segmental correspondence? *Proceedings of the Twenty-Sixth Annual Meeting of the Berkeley Linguistics Society*, ed.

- by Lisa J. Conathan, Jeff Good, Darya Kavitskaya, Alyssa B. Wulf, and Alan. C. L. Yu, pp. 321-332. Berkeley, CA: Berkeley Linguistics Society.
- Walker, Rachel. (2000). Long-distance consonantal identity effects. *Proceedings of the West Coast Conference on Formal Linguistics 19*, ed. by Roger Billerey and Brook Lillehaugen, pp. 532-545. Somerville, MA: Cascadilla Press.
- Walker, Rachel. (1997). Round harmony and featural tautosyllabicity. *Proceedings of the Canadian Linguistics Association*, ed. by Leslie Blair, Christine Burns, and Lorna Rowsell. pp. 251-262. Calgary Working Papers in Linguistics.
- Walker, Rachel. (1996). A third parameter for unbounded stress. *Proceedings of the North East Linguistic Society 26*, ed. by Kiyomi Kusumoto, pp. 441-455. Amherst, MA: GLSA, University of Massachusetts.
- Cohen, Michael M., Rachel L. Walker, and Dominic W. Massaro. (1996.) Perception of Synthetic Visible Speech. *Speechreading by Humans and Machines: Models, Systems, and Applications*, ed. by David G. Stork and Marcus E. Hennecke, NATO Advanced Study Institute Series, Series F: Computer and Systems Sciences 150. Berlin: Springer-Verlag, pp. 153-168.
- Walker, Rachel. (1995). Hierarchical opacity effects in nasal harmony. *Proceedings of the Eleventh Eastern States Conference on Linguistics*, ed. by Janet Fuller, Ho Han, and David Parkinson, pp. 318-332. Ithaca, NY: DMLL Publications 9.
- Walker, Rachel. (1995). The role of the specifier of the prepositional phrase. *Proceedings of the Canadian Linguistics Association*, ed. by Päivi Koskinen, pp. 603-614. University of Toronto Working Papers in Linguistics.

Invited Conference Talks

- (2019). Iterativity and locality in Jingulu vowel harmony. Workshop on Iterativity, Leipzig University, December 2, 2019.
- (2019). Gradient feature activation and the special status of coronals. Princeton Phonology Forum, Princeton University, April 5, 2019.
- (2019). Cross-segment partial overlap. Inside Segments Workshop, Annual Meeting of the Linguistic Society of America, New York, January 6, 2019.
- (2016). Sub-segmental temporal relations and non-discrete segmental structure. Workshop on Hierarchical Structures in Phonology, Morphology and Syntax, UiT (Tromsø), The Arctic University of Norway, October 28, 2016.
- (2016). Cumulative constraint interactions: Violations and domains encompassing segmental spans. Plenary talk, West Coast Conference on Formal Linguistics 34, University of Utah, May 1, 2016.
- (2015). The interplay of positional prominence and consonant blocking in vowel harmony. Annual Conference of the German Linguistic Society (DGfS), workshop on “Strong versus weak prosodic positions: Possible variation and relevance for grammar.” University of Leipzig, Germany, March 4, 2015.
- (2014). Prominence-control and multiple triggers in vowel harmony: An ABC analysis. ABC Conference, University of California, Berkeley, May 19, 2014.
- (2013). Consonant harmony and vowel harmony: Comparisons in typology and sources for nonlocality. Plenary talk, 21st Manchester Phonology Meeting, University of Manchester. May 24, 2013.

- (2011). Articulatory bases of liquid phonotactics in English codas. Plenary talk. Fourth International Conference on the Linguistics of Contemporary English, University of Osnabrück, Germany, July 21, 2011.
- (2009). (Non-)adjacency in harmony systems. Plenary talk. Forty-fifth meeting of the Chicago Linguistic Society, University of Chicago, April 18, 2009.
- (2008). Gradualness and fell-swoop derivations. Linguistics Ph.D. Alumni Conference, University of California, Santa Cruz, September 13, 2008.
- (2008). Sources of long-distance assimilation. Annual Linguistic Symposium, California State University, Fullerton, April 14, 2008.
- (2006). Long-distance metaphony: A generalized licensing proposal. Phonologyfest Workshop, Indiana University, June 23, 2006.
- (2005). (Non-)local dependencies among consonants: Characteristics, representations, and connections with language production. Third Hopkins Workshop on Language (HOWL 3), Johns Hopkins University, January 14, 2005.
- (2004). On consonant harmony and why it's hard to say phrases like *Sheena leads, Sheila needs*. Linguistics at Santa Cruz conference, University of California, Santa Cruz, March 6, 2004.

Academic Awards, Teaching Awards, Honors and Fellowships

- Faculty Fellow, Center for Excellence in Teaching, University of Southern California, 2012–2017.
- USC-Mellon Mentoring Award in the category of Faculty Mentoring Graduate Students, 2008.
- Faculty Member Phi Kappa Phi, elected 2002.
- Outstanding Teaching Assistant Award. Graduate Council, University of California, Santa Cruz, 1997.
- Doctoral fellowship. Social Sciences and Humanities Research Council of Canada, 1993–1997.
- Connaught fellowship. University of Toronto, Graduate Division, 1992–1993.
- Carlos Yorio Memorial Scholarship. University of Toronto, Woodsworth College, 1992.
- Innis College Anniversary Scholarship. University of Toronto, 1992.
- James A. Priestly Scholarship, University of Toronto, 1992.
- Faculty Scholar Award. University of Toronto, 1989, 1990.
- Rhea V. Scott Scholarship. University of Toronto, 1989.

Invited Teaching at other Institutions (mini-courses)

- Surface Correspondence Theory*. December 4–7, 2019. Leipzig University.
- Sub-segmental Representations*. February 22–23, 2017. MIT.
- Current Perspectives in Optimality Theory: Harmony*. June 19–22, 2006. PhonologyFest 2006, Indiana University, Bloomington, Indiana.

Media

- (2014). Expert commentator: “OMG! We’re all valley girls now?” *Los Angeles Magazine*, July 2014, p. 116.

Grants

Undergraduate Research Assistant Grant, The Humanities Institute, UC Santa Cruz.

- *Ladin Syllable Structure*. Status: P.I. 1/2022-, \$3,000.

Developing an Enhanced Activity-Centered Laboratory Module for Language and Mind LING 275. Fund for Innovative Undergraduate Teaching Grant, University of Southern California. Elsi Kaiser and Rachel Walker P.I.s. \$7,500, 6/2013–5/2014.

Sound Patterns in Language: The Relation between Vowels and Syllable Prominence. Advancing Scholarship in the Humanities and Social Sciences Initiative, University of Southern California. Status: P.I. 7/2009-6/2010, \$12,500.

USC/HEI Hearing and Communication Neuroscience Training Program, NIH training grant. Status: Preceptor. 2008-2013.

Production Ease as a Basis for Phonological Cooccurrence Restrictions. James H. Zumberge Faculty Research and Innovation Fund, University of Southern California. Status: P.I. 7/2000-6/2002, \$24,985.

Provost's Undergraduate Research Program, University of Southern California:

- *First Language Acquisition and Vowel Harmony*. Toben H. Mintz and Rachel Walker, P.I.s. 9/2006–5/2007, \$9,000.
- *Improving our Understanding of Speech Patterns that Shape Human Languages: Investigation of Retroflex Consonant Articulations*. Status: P.I. 9/2005–6/2006, \$6500.
- *Vowel Harmony and Word Segmentation in 7-month-old Infants*. Toben H. Mintz and Rachel Walker, P.I.s. 10/2004–6/2005, \$10,000.
- *The Role of Vowel Harmony as a Cue to Word Boundaries for 7-month-old Infants*. Toben H. Mintz and Rachel Walker, P.I.s. 10/2003–6/2004, \$7000.

Courses Taught (since 1997)

University of California, Santa Cruz

Phonetics I, Phonology 2, Phonology A

University of Southern California

Advanced Phonology, Field Methods of Linguistics, Hearing and Communication Neuroscience (team-taught), Language and Mind, Phonology-A, Phonology-B, Phonology Seminar, Practicum in Teaching the Liberal Arts: Linguistics, Seminar in Linguistics, Seminar in Linguistic Theory, Topics in Advanced Phonology

Ph.D. Students Advised

Suzanne Curtin. (Co-chair with T. H. Mintz.) *Representational Richness in Phonological Development*. 2002.

Carolina Gonzalez. *The Effect of Stress and Foot Structure on Consonantal Processes*. 2003.

Bella Feng. *Morpheme Recognition in Prosodic Morphology*. 2006.

Cristian Iscrulescu. *The Phonological Dimension of Grammatical Markedness*. 2006.

Rebeka Campos Astorkiza. *Minimal Contrast and the Phonology-Phonetics Interaction*. 2007.

Michal Temkin Martinez. *Sources of Non-conformity in Phonology: Variation and Exceptionality in Modern Hebrew Spirantization*. 2010.

Laura Tejada. *Tone Gestures and Constraint Interaction in Sierra Juárez Zapotec*. 2012.

Erika Varis. *The Spanish Feminine el at the Syntax-Phonology Interface*. 2012.
Daylen Riggs. *Sound Sequence Adaptation in Loanword Phonology*. 2014.
Caitlin Smith. *Harmony in Gestural Phonology*. 2018.
Hayeun Jang. *Articulatory Knowledge in Phonological Computation*. 2020.
Charlie O'Hara. (Co-chair with K. Jesney). *Soft Biases in Phonology: Learnability Meets Grammar*. 2021.
Yifan Yang. (Co-chair with S. Shih.) In progress.

Professional Service

Editorial Boards

Associate editor. *Phonology*, 2022–.
Associate editor. *Natural Language and Linguistic Theory*, 2013–2017.
Associate editor. *Phonetica*, 2014–2016.
Advisory board. *Oxford Studies in Phonology*. 2013–.
Editorial board. *Phonetica*, 2017–.
Editorial board. *Natural Language and Linguistic Theory*, 2006–2012, 2018–.
Editorial board. *Language and Linguistics Compass* (Phonetics and Phonology), 2007–.

Service in Professional Organizations

Organizer, Annual Meeting on Phonology, 2016.
Executive Committee of the Linguistic Society of America, elected for term from January 2009–January 2012.
Chair, Committee on the Status of Women in Linguistics, Linguistic Society of America. 2007–2008. Co-chair 2006–2007, member 2005–2006.
Executive board of the USC Chapter of Phi Kappa Phi All-University Honor Society. 2009–2014.

Reviewing

Journals:

Australian Journal of Linguistics, Canadian Journal of Linguistics, International Journal of American Linguistics, Journal of African Languages and Linguistics, Journal of the International Phonetic Association, Language, Language Learning and Development, Language and Linguistics Compass, Lingua, Linguistic Analysis, Linguistic Inquiry, Natural Language and Linguistic Theory, Phonology, Poznan Studies in Contemporary Linguistics, Studies in Hispanic and Lusophone Linguistics.

Books:

Cambridge University Press, Oxford University Press, University of California Publications in Linguistics.

Book chapters:

Blackwell, Equinox, John Benjamins, Mouton de Gruyter, Oxford University Press.

Grant and research proposals:

National Science Foundation, Social Science and Humanities Research Council of Canada, American Philosophical Society.

University of Southern California Service

Service at Level of University and Dornsife College of Letters Arts and Sciences

Dornsife Committee on Appointments, Promotion, and Tenure.

Graduate School PhD Achievement Award Committee.

Department of East Asian Languages and Culture Review Committee.

Dornsife College Committee on Non-Tenure-Track Promotions, Social Sciences.

Graduate School Advisory Council.

Dornsife College Personnel Committee, Social Sciences, Humanities.

USC Mellon Mentoring Awards Review Committee.

Committee on Academic Policies and Procedures.

Merit Evaluation Appeal Committee.

Graduate Advisory Committee, College of Letters, Arts and Sciences.

Department/Program-Level Service

Search Committees (tenure-track).

Director of Graduate Admissions and Recruitment.

Graduate Studies Committee.

Faculty Merit Review Committee.

Third Year Review Committees.

Chair Selection Consultative Committee.