

# John Alderete

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Google Scholar: 2,251 citations,  
*h*-index: 18; *i10*-index: 26

## CURRENT POSITION

Professor of Linguistics and Cognitive Science, Simon Fraser University (2017-)

## EDUCATION

- 1999 Ph.D., University of Massachusetts, Amherst. Major concentration in phonology and morphology. Dissertation chairperson: Prof. John J. McCarthy.
- 1993 M.A., University of California, Santa Cruz. Major concentration in phonology. Thesis chairperson: Prof. Junko Itô.
- 1992 B.A. with High Honors, University of California, Santa Cruz.

## AREAS

Phonology, morphology, linguistic documentation, psycholinguistics

## INTERESTS

Theoretical phonology and morphology, Optimality Theory; computational learning algorithms, neural networks, speech errors, language production; Austronesian, Athabaskan, Tahltan, Cantonese

## PREVIOUS ACADEMIC POSITIONS

- 2009-2017 Associate professor, Simon Fraser University, Linguistics/Cognitive Science
- 2004-2009 Assistant professor, Simon Fraser University, Linguistics/Cognitive Science
- 2003-2004 Assistant professor, University of South Carolina, Linguistics
- 2001-2003 Postdoctoral associate and visiting assistant professor, Rutgers University, Linguistics, Rutgers Center for Cognitive Science
- 2000-2001 Postdoctoral fellow and visiting assistant professor, Swarthmore College, Linguistics
- 1998-2000 Postdoctoral fellow and sessional lecturer, University of British Columbia, Linguistics

## SELECTED HONORS, AWARDS, GRANTS

- 2014-2019 Social Sciences and Humanities Research Council of Canada insight grant 435-2014-0452. Sound structure in speech production (Principal Investigator, 177.2k)
- 2014-2017 Associate editor of *International Journal of American Linguistics*, University of Chicago Press
- 2013-2020 Social Sciences and Humanities Research Council of Canada partnership grant 895-2012-1029. First Nations languages in the twenty first century: Looking back, looking forward (co-investigator with PI Marianne Ignace, 2.49m)
- 2005-2009 Social Sciences and Humanities Research Council of Canada grant 410-2005-1175 (Principal Investigator, 100.2k). Process-based morphology in Optimality Theory
- 2003-2022 Editorial board of *Phonology*, Cambridge University Press
- 2001-2002 National Science Foundation grant BCS-0104606 (Principal Investigator, 23.9k). Word domains in Athabaskan
- 1999-2000 National Science Foundation fellowship SES-9904360 (Principal Investigator, 83.8k). Morphological and prosodic structures in Tahltan

## PUBLICATIONS

### BOOK

2001. John Alderete. Morphologically governed accent in Optimality Theory. Routledge publishing series, Outstanding dissertations in linguistics. New York: Routledge.

### JOURNAL ARTICLES

2018. Alderete, John and Paul Tupper. Phonological regularity, perceptual biases, and the role of phonotactics in speech error analysis. *WIREs Cognitive Science*;9:e1466, <https://doi.org/10.1002/wcs.1466>.

2018. Alderete, John and Monica Davies. Investigating perceptual biases, data reliability, and data discovery in a methodology for collecting speech errors from audio recordings. *Language and Speech*. doi: 10.1177/0023830918765012.

2018. Alderete, John, Amber Blenkiron, and Edōsdi (Judy Thompson). Series shifts and mergers in the obstruent phonology of Tahltan (Northern Athabaskan). In press: *Linguistic Discovery*.

2017. Alderete, John and Alexei Kochetov. Integrating sound symbolism with core grammar: The case of expressive palatalization. *Language* 93: 731-766.

2016. Alderete, John and Sara Finley. Gradient vowel harmony in Oceanic. Featured article in *Language and Linguistics* 17: 769-796.

2015. Alderete, John and Kayleigh MacMillan. Reduplication in Hawaiian: Variations on a theme of minimal word. *Natural Language and Linguistic Theory* 33: 1-45.

2013. Alderete, John, Paul Tupper, and Stefan A. Frisch. Phonological constraint induction in a connectionist network: learning OCP-Place constraints from data. *Language Sciences* 37: 52-69.

2013. Alderete, John and Mark Bradshaw. Samoan root phonotactics: Digging deeper into the data. *Linguistic Discovery* 11: 1-21.

2011. Kochetov, Alexei and John Alderete. Scales and patterns of expressive palatalization: Typological and experimental evidence. *Canadian Journal of Linguistics* 56: 345-376

2009. Alderete, John and Alexei Kochetov. Japanese mimetic palatalization: Implications for conflicting directionality. *Phonology* 26: 369-388.

2008. Alderete, John. Using learnability as a filter on factorial typology: A new approach to Anderson and Browne's generalization. *Lingua* 118: 1177-1220.

2008. Alderete, John and Thomas McIlwraith. An annotated bibliography of Tahltan language materials. *Northwest Journal of Linguistics* 2: 1-26.

2003. Alderete, John. Structural disparities in Navajo word domains: A case for lex-cat faithfulness. *The Linguistic Review* 20: 111-158.

2001. Alderete, John. Root-controlled accent in Cupeño. *Natural Language and Linguistic Theory* 19: 455-501.

2001. Alderete, John. Dominance effects as transderivational anti-faithfulness. *Phonology* 18: 201-253.

1999. Alderete, John, Jill Beckman, Laura Benua, Amalia Gnanadesikan, John J. McCarthy, and Suzanne Urbanczyk. Reduplication with fixed segmentism. *Linguistic Inquiry* 30: 327-364.

### BOOK CHAPTERS

2018. Alderete, John and Paul Tupper. Connectionist approaches to generative phonology. In A. Bosch and S. J. Hannahs (eds.), *The Routledge handbook of phonological theory*, pp. 360-390. New York: Routledge.

2015. Blenkiron, Amber and John Alderete. Reduplication in Rotuman: A curious case of emergent unmarkedness. In Yuchau Hsiao and Lian-Hee Wee (eds.), *Capturing phonological shades within and across languages*, pp. 266-290. Newcastle: Cambridge Scholars Publishing.

2009. Alderete, John. Exploring recursivity, stringency, and gradience in the Pama-Nyungan stress continuum. In Steve Parker (ed.), *Phonological argumentation. Essays on evidence and motivation*, pp. 181-202. London: Equinox Publishing.

2007. Alderete, John and Stefan A. Frisch. Dissimilation in grammar and the lexicon. In Paul de Lacy, (ed.), *The Cambridge Handbook of Phonology*, pp. 379-398. Cambridge: Cambridge University Press.
2005. Alderete, John. On tone and length in Tahltan (Northern Athabaskan). In Sharon Hargus and Keren Rice (eds.), *Athabaskan prosody*, pp. 185-207. Amsterdam: John Benjamins.
2005. Alderete, John and Tanya Bob. A corpus-based approach to Tahltan stress. In Sharon Hargus and Keren Rice (eds.), *Athabaskan prosody*, pp. 369-391. Amsterdam: John Benjamins.
2003. Alderete, John. Phonological processes: Dissimilation. In William Frawley (ed.), *International Encyclopedia of Linguistics*, pp. 323-324. Oxford: Oxford University Press.
1999. Alderete, John. Head dependence in stress-epenthesis interaction. In Ben Hermans & Marc van Oostendorp (eds.), *The derivational residue in phonological Optimality Theory*, pp. 29-50. Amsterdam: John Benjamins. [Reprinted in John McCarthy (ed.), 2004, *Optimality Theory in phonology: Selected readings*, pp. 215-227. Oxford: Blackwell]

#### CONFERENCE PROCEEDINGS, TECHNICAL REPORTS, WORKING PAPERS

2014. Alderete, John, Paul Tupper, Stefan A. Frisch. Phonotactic learning without a-priori constraints: Arabic root cooccurrence restrictions revisited. In A. Beltrama, T. Chatzikonstantinou, J. Lee, M. Pham, D. Rak (eds.), 48th annual meeting of the Chicago Linguistics Society, pp. 1-16.
2008. Kim, Lan and John Alderete. Why [h] and aspirated consonants are different in Korean. In *ICEAL 1, Toronto Working Papers in Linguistics 28*, pp. 123-136. Toronto: University of Toronto.
2005. Alderete, John, Adrian Brasoveanu, Nazarré Merchant, Alan Prince, and Bruce Tesar. Contrast analysis aids the learning of phonological underlying forms. In John Alderete, Alexei Kochetov, and Chung-hye Han (eds.), *WCCFL 24*, pp. 34-42. Somerville, MA: Cascadilla.
2003. Crosswhite, Katherine, John Alderete, Tim Beasley, and Vita Markman. Morphological effects on default stress placement in novel Russian words. In Gina Garding and Mimura Tsujimura (eds.), *WCCFL 22*, pp. 151-164. Somerville, MA: Cascadilla.
2002. Alderete, John and Bruce Tesar. 2002. Learning covert phonological interaction: An analysis of the problem posed by the interaction of stress and epenthesis. Report no. RuCCS-TR-72. Piscataway, NJ: Rutgers Center for Cognitive Science.
2003. Tesar, Bruce, John Alderete, Graham Horwood, Koichi Nishitani, Nazarré Merchant, Alan Prince. Surgery in language learning. In Gina Garding and Mimura Tsujimura (eds.), *WCCFL 22*, pp. 477-490. Somerville, MA: Cascadilla Press.
2000. Alderete, John. Prosodic faithfulness in Cupeño. In Elena Benedicto (ed.), *UMOP 20, Indigenous languages*, pp. 1-27. Amherst: Graduate Linguistic Student Association.
2000. Alderete, John. The prosodic morphology of iteratives in Jamaican Creole. In Elena Benedicto (ed.), *UMOP 20*, pp. 29-50. Amherst: GLSA. [Revised 1993 UCSC MA paper]
1998. Alderete, John. Canonical types and noun phrase configuration in Fijian. In Matt Pearson (ed.), *UCLA Occasional Papers in Linguistics 21*, pp. 19-44. Los Angeles, CA: UCLA.
1997. Alderete, John. Dissimilation as local conjunction. In Kiyomi Kusumoto (ed.), *Proceedings of NELS 27*, pp. 17-31. Amherst: GLSA. [Reprinted in John McCarthy (ed.), 2004, *Optimality Theory in phonology: Selected readings*, pp. 394-406. Oxford: Blackwell]
1995. Alderete, John. Winnebago Accent and Dorsey's Law. In Jill Beckman, Laura Walsh-Dickey, & Suzanne Urbanczyk (eds.), *UMOP 18, Papers in Optimality Theory*, pp. 21-51. Amherst: GLSA.
1995. Alderete, John. Faithfulness to prosodic heads. Rutgers Optimality Archive, Report No. 94.

#### SELECTED LINGUISTIC DOCUMENTATION ARCHIVED IN PUBLIC INSTITUTIONS

2008. Alderete, John and Judy Thompson. James Teit collection. Canadian Museum of Civilization Archives, Ethnology, VI-O-2M, box 173, file 3. [77 page document with 171 linguistic entries]
2007. Alderete, John. Tahltan Language and Culture CD Series. [23 CDs and associated manuscripts of linguistic questionnaire data, Tahltan folklore, and ethnographic accounts.]
2003. Alderete, John. Bilingual audio production of Tahltan Raven Creation Story for *Mehodih: Well-known traditions of the Tahltan People* (UBC Museum of Anthropology).

## ADVISING

### GRADUATE STUDENTS

- 2011-present. Stan Anonby, Ph.D (SFU, committee), 'Persistent multilingualism among the Sebuyau: An ethnography of communication'.
- 2017-present. Heikel Badrulhisham (SFU, supervisor), Topics in natural language processing.
- 2017-2018. Queenie Chan, M.A. (SFU, research assistant), database manager for SFUSED Cantonese 1.0.
- 2014-2015. Judy Thompson, Postdoctoral fellow (SFU, supervisor), 'First Nations languages in the twenty first century: Tahltan language revitalization and language learning'.
- 2013-2015. Melissa MacAskill, M.A. (SFU, co-supervisor), 'Experimental exploration of ambisyllabicity in English'.
- 2011-2015. Kayleigh MacMillan, M.A. (SFU, supervisor), 'Phonological acquisition by children with autism: A case study'.
- 2013-2014. Oscar Dennis, M.A. (UNBC Anthropology, committee), 'How I learned the language: Pedagogical structure of the Tahltan language'.
2013. Parastoo Geranmayeh, M.Sc. (SFU Computing Science, examiner), 'Learning the thematic roles of words in sentences via connectionist networks that satisfy strong systematicity'.
- 2011-2013. Amber Blenkiron, M.A. (SFU, supervisor), 'Reduplication in Rotuman'.
- 2010-2012, Jordan Barnes, M.A. (SFU Psychology, examiner), 'Measuring the Hebbian components of selective attention using eye-tracking and dynamic field theory'.
- 2008-2013, Sunghwa Lee, Ph.D. (UVic Linguistics, examiner), 'Multiple exponence in non-inflectional morphology'.
- 2007-2009. Tzu-Ying Vivian Lee, M.A. (SFU, supervisor), 'Juncture phrasing thresholds: A constraint-based approach to speech rate effects on Mandarin tone sandhi'.
- 2007-2009. Michael Woods, M.A. (SFU Psychology, examiner), 'Categorization of partially occluded visual stimuli: Bridging the gap between completion and classification'.
- 2006-2008. Loredana Andreea Kosa, M.A. (SFU, supervisor), 'An argument for process-based morphology: Subtractive morphology in Tohono O'odham'.
- 1998-1999. Tanya Bob, M.A. (UBC, committee), 'Tahltan laryngeal phenomena'.
- 1998-1999. Ikuyo Kaneko, M.A. (UBC, committee), 'The pitch accent system of Blackfoot'.

### UNDERGRADUATE STUDENTS

Jane Li (2018), Macarius Chan (2017-2018), Olivia Nickel (2016-2018), Laura Dand (2017-2018), Tsz Ying Ng (2016-2017), Monica Davies (2014-2016), Holly Wilbee (2014-2015), Gloria Fan (2014-2016), Derik Ng (2013), Mark Bradshaw (2010), Michael Fry (2010), Angela Cooper (2006), Henrike Blumenfeld (2001), Kyra Jucovy (2001), Oscar Dennis (1999).

### TEACHING (UMASS, UBC, SWARTHMORE, RUTGERS, USC, SFU)

#### UNDERGRADUATE

Morphology (7 times at SFU)  
Advanced phonology (9 times at SFU, UBC)  
Introduction to phonology (2 times at SFU, UBC)  
Introduction to phonetics and phonology (4 times at UBC, Swarthmore, SFU)  
Phonetics practicum (once at UBC)  
Introduction to linguistics (11 times at UMass, SFU, USC, Rutgers)  
Field methods (once at Rutgers, UMass)  
Foundations in cognitive science (4 times, SFU)

#### GRADUATE

Graduate-level phonology (7 times at SFU, USC)  
Seminars: The morphology-phonology interface (Rutgers), Computational learning in phonology (SFU), Language production: From mind to mouth (SFU), Psycholinguistics of Chinese languages (SFU), History of English (once at USC)