

Will Chang

Graduate Student
Department of Linguistics
University of California, Berkeley

email: wchang@gmail.com
URL: <http://leek.dyn.berkeley.edu/~wchang/>

Education

On hold Ph.D. in Linguistics, U.C. Berkeley
2009 M.A. in Linguistics, U.C. Berkeley
1998 M.S. in Computer Science, U.C. Berkeley
1994 B.S. in Electrical Engineering / Computer Science, U.C. Berkeley

Dissertation

On hold Refinements in lexicostatistical phylogenetics
Andrew Garrett (chair), Steven Evans, Keith Johnson, Johanna Nichols

Research interests

Computational historical linguistics (statistical models of linguistic descent and contact), lexical change, diachronic phonology, Polynesian languages, phylogenetics, machine learning

Articles

2015 Will Chang, David Hall, Chundra Cathcart, and Andrew Garrett. Ancestry-constrained phylogenetic analysis supports the Indo-European steppe hypothesis. *Language*. 91.1:194–244.
2014 Will Chang, Lev Michael. A relaxed admixture model of language contact. *Language Dynamics & Change* 4:1–26. Brill.
2014 Lev Michael, Will Chang, and Tammy Stark. Exploring phonological areality in the circum-Andean region using a naive Bayes classifier. *Language Dynamics & Change* 4:27–86. Brill.

Talks

2014 Will Chang. September 2014. A vanishing, multiple-gain lexical trait model. Workshop Towards a Global Language Phylogeny. Max Planck Institute for the Science of Human History, Jena, Germany. September 17–20.
2013 Will Chang, David Hall, Chundra Cathcart, and Andrew Garrett. Dating Proto-Indo-European: A revised computational analysis supports the steppe hypothesis. International Conference on Historical Linguistics (ICHL21). University of Oslo. August 5–9.
2013 Will Chang. The distribution of Polynesian words. Berkeley Linguistics Society 39. U.C. Berkeley, California. February 16–17.
2013 Will Chang. Linguistic mirages and lexical borrowing between Tongan and Samoan. 9th International Conference on Oceanic Linguistics (COOL9). University of Newcastle, Australia. February 4–8.

- 2012 Will Chang (plenary speaker). Probabilistic generative models of language contact. Workshop on Quantitative Approaches to Areal Linguistic Typology. Koninklijke Nederlandse Akademie van Wetenschappen, Amsterdam. December 13–14.
- 2012 Lev Michael, Tammy Stark & Will Chang. Phonological areality in lowland South America. Linguistic Society of America 2012 Annual Meeting. Portland, Oregon. January 5–8.

Database

- 2011– COMPILER, WEB CODER: Michael, Lev, Tammy Stark, and William Chang (compilers). South American Phonological Inventory Database (SAPhon). <http://linguistics.berkeley.edu/~saphon/en/>

Teaching

- 2008 Teaching assistant, *Phonetics and Phonology*
- Introduction to phonetic transcription of speech using the International Phonetic Alphabet, acoustic analysis of speech, physiological and cognitive aspects of speech production and perception, and phonological analysis of language sound systems.
- 2009 Teaching assistant, *Introduction to Linguistic Science*
- Introduction to linguistic analysis, including core areas such as phonetics and phonology, morphology, and syntax and semantics, with data from a range of languages.
- 2009 Teaching assistant, *Phonetics and Phonology*
- 2010 Teaching assistant, *Introduction to Cognitive Science*
- Lectures and readings survey research from artificial intelligence, psychology, linguistics, philosophy, and neuroscience, and cover topics such as the nature of knowledge, thinking, remembering, vision, imagery, language, and consciousness.
- 2011 Teaching assistant, *Introduction to Cognitive Science*
- 2012 Teaching assistant, *Introduction to Linguistic Science*

Professional service

REVIEWER: *Current Biology, Diachronica, Language Dynamics & Change, Linguistic Typology*

Non-academic employment

- 2014– Semantic Machines, Senior Linguist
- 1998–2005 Cadence Design Systems, 2655 Seely Avenue, San Jose, CA 95134
Senior Member of Consulting Staff (equivalent to Senior Software Analyst elsewhere)
Manager: Venkat Thanvantri