

Christian DiCanio

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Education

- 2008 Ph.D. Linguistics, University of California, Berkeley
Dissertation: *The Phonetics and Phonology of San Martín Itunyoso Trique*
- 2004 M.A. Linguistics, University of California, Berkeley
- 2002 B.A. Linguistics, University at Buffalo (SUNY)

Employment

- 2015 - present Assistant Professor, University at Buffalo, Department of Linguistics
- 2014 - present Affiliated Scientist, Haskins Laboratories
- 2014 Lecturer in Phonetics, Yale University (Spring semester)
- 2011 - 2014 Postdoctoral Researcher, Haskins Laboratories
NSF Grant: *From Endangered Language Documentation to Phonetic Documentation*
Douglas H. Whalen (PI)
- 2009 - 2011 Postdoctoral Researcher funded by the Fyssen Foundation
CNRS / Laboratoire Dynamique du Langage, Université Lyon 2
Research Grant Project: *The cross-linguistic perception of tone and phonation type*
- 2008 Lecturer, San Jose State University (Fall semester)

Grants and External research funding

- November 2017 – October 2018. National Science Foundation Supplemental award for Grant 1360670 - \$39,016
- March 2016 – February 2017. National Science Foundation Grant 1566053 - \$30,534
Tonal Aspects of Language Symposium: Bridging Linguistic and Psycholinguistic Perspectives on Tone
- July 2014 – October 2017. National Science Foundation Grant 1360670 - \$340,456
Understanding Prosody and Tone Interactions through Documentation of Two Endangered Languages (Itunyoso Trique [trq] and Yoloxóchitl Mixtec [xty])
- September 2009 – August 2011. Fyssen Foundation Postdoctoral Grant - 50,000 euros
The cross-linguistic perception of tone and phonation type

Peer-reviewed journal articles

submitted. DiCano, C., Martínez Cruz, B., Cruz Martínez, B., Martínez Cruz, W. Glottal toggling in Itunyoso Triqui.

accepted. DiCano, C., Zhang, C., Whalen, D.H., and Castillo García, R. Phonetic structure in Yoloxóchitl Mixtec consonants. *Journal of the International Phonetic Association*

2018. DiCano, C., Benn, J. and Castillo García. The phonetics of information structure in Yoloxóchitl Mixtec. *Journal of Phonetics*, 68:50–68.

2015. DiCano, C., Nam, H., Amith, J.A., Whalen, D.H., and Castillo García, R. Vowel variability in elicited vs. running speech: evidence from Mixtec. *Journal of Phonetics*, 48:45–59.

2014. DiCano, C. Cue weight in the perception of Trique glottal consonants. *Journal of the Acoustical Society of America*, 135(2):884–895.

2013. DiCano, C, Nam, H., Whalen, D. H., Bunnell, H. T., Amith, J. D., and Castillo García, R. Using automatic alignment to analyze endangered language data: Testing the viability of untrained alignment. *Journal of the Acoustical Society of America*, 134(3):2235–2246.

2012. DiCano, C.T. Cross-linguistic perception of Itunyoso Trique tone. *Journal of Phonetics*, 40:672–688

2012. DiCano, C.T. The Phonetics of Fortis and Lenis Consonants in Itunyoso Trique. *International Journal of American Linguistics*, 78(2):239–272.

2012. DiCano, C.T. Coarticulation between Tone and Glottal Consonants in Itunyoso Trique. *Journal of Phonetics*, 40(1):162–176.

2010. DiCano, C.T. Illustrations of the IPA: Itunyoso Trique. *Journal of the International Phonetic Association*, 40(2):227–238.

2009. DiCano, C.T. The Phonetics of Register in Takhian Thong Chong, *Journal of the International Phonetic Association*, 39(2): 162–188.

Peer-reviewed book chapters

to appear. DiCano, C. and Bennett, R. Prosody in Mesoamerican languages. Chapter 28 of *The Oxford Prosody Handbook*. Gussenhoven, C. and Chen, A. (eds). Oxford University Press.

2015. Armstrong, M., Henriksen, N., and DiCano, C. Sociophonetic analysis of young Peninsular Spanish women's voice quality. In *Hispanic linguistics at the crossroads: Theoretical linguistics, language acquisition and language contact*, ed. by R. Klassen, J. M. Liceras & E. Valenzuela. Amsterdam: John Benjamins Publishing Company.

Other book chapters

to appear. DiCano, C. Aspecto verbal en Triqui de Itunyoso. In Swanton, M., San Giacomo Trinidad, M., and Hernández Mendoza, F., editors, *Estudios fonológicos de idiomas mixtecanas*. Universidad Nacional Autónoma de México.

2016. van Doesburg, S., Swanton, M., de Ávila Blomberg, Alejandro, DiCano, C. Flores blancas, campos quemados y quetzales: la morfología histórica mixteca y la etimología de Chiyoyuhu (Suchixtlán, Oaxaca).

2016. DiCano, C. Tonal classes in Itunyoso Triqui person morphology, in *Tone and Inflection*, Empirical Approaches to Language Typology series, Mouton de Gruyter, Palancar, Enrique and Léonard, Jean-Léo (eds).

Books and Edited Volumes

2016. DiCano, C., Malins, J., Good, J. Michelson, K., Jaeger, J., and Keily, H. (eds) *Proceedings of the 5th International Symposium on the Tonal Aspects of Languages (TAL)* Buffalo, NY. DOI: 10.21437/TAL.2016.

2010. DiCano, C.T., Cruz Martínez, B. *Chungwì Snáhánj ñih, El Mundo Triqui: Palabras de San Martín Itunyoso*, Colección diálogos: pueblos originarios de Oaxaca, Serie Glifos. Oaxaca, Mexico: Culturas Populares / CONACULTA.

Conference Proceedings

2015. DiCano, C. and Whalen, D.H. The interaction of vowel length and speech style in an Arapaho speech corpus, *Proceedings of the 18th International Congress of the Phonetic Sciences (ICPhS)*, Glasgow, Scotland.

2014. DiCano, C. Triqui tonal coarticulation and contrast preservation in tonal phonology, in In Bennett, R., Dockum, R., Gasser, E., Goldenberg, D., Kasak, R., and Patterson, P., editors, *Proceedings of the Workshop on the Sound Systems of Mexico and Central America*, Yale University, New Haven, CT.

2014. DiCano, C., Amith, J.A., and Castillo García, R. The phonetics of moraic alignment in Yoloxóchitl Mixtec, *Proceedings from the 4th Tonal Aspects of Languages Conference*, Nijmegen, the Netherlands.

2012. DiCano, C.T., Nam, H., Whalen, D.H., Bunnell, H.T., Amith, J.A., and Castillo García, R. Assessing agreement level between forced alignment models with data from endangered language documentation corpora. *Proceedings from Interspeech-2012*, Portland, OR.

2006. DiCano, C.T. On Non-optimal Laryngeal Timing: The Case of Trique. *Proceedings from the Berkeley Linguistics Society*, Volume 32.

Manuscripts

2007. Johnson, K., DiCano, C.T., and MacKenzie, L. The Acoustic and Visual-Phonetic Basis of Place of Articulation in Excrescent Nasals, *Annual Report of the Phonology Laboratory at the University of Califor-*

nia, Berkeley, 3:529-561.

2005. DiCano, C.T. Expressive Alliteration in Mon and Khmer. *Annual Report of the Phonology Laboratory at the University of California, Berkeley*, 1:337-393.

Keynote/Plenary Talks

2018. *Examining tonal and segmental complexity in rural Mexico: challenges and opportunities for fieldwork and laboratory phonology*. Plenary Talks at the University of Indiana Phonfest.

2015. *¿Por qué nos importan los tonos otomangués?* (Why Otomanguéan tone matters.) plenary talk at Conference on the Indigenous Languages of Latin America (CILLA) VII, University of Texas, Austin.

2014. *Moraic alignment of Mixtec tone: exploring complex timing relations in Oto-Manguéan tonal systems*, Workshop on tonal dimensions in language, University of Massachusetts, Amherst.

2014. *Phonetic patterns in Oto-Manguéan tonal systems*, plenary talk at The 4th Conference on Tonal Aspects of Languages, Nijmegen, the Netherlands.

2014. *Triqui tonal coarticulation and contrast preservation in tonal phonology*, Workshop on Sound Systems of Mesoamerican and Central America, Yale University, New Haven, CT.

Invited Talks

2017. *Phonetic variation and the construction of a Mixtec spoken language corpus*, University of Toronto

2017. *The phonetics of prosody in Yoloxóchitl Mixtec*, McGill University

2016. *Word and sentence-level prosody in complex tone languages*, Department of Linguistics, North Carolina State University.

2015. *Tonal dissimilation and dispersion in speech production*, Department of Linguistics, University of Chicago.

2014. *The Sounds of Triqui: quantitative approaches to language description and its ramifications for historical change*, Institute of Mesoamerican Studies, University of Albany (SUNY).

2014. *“Big data” in small languages: challenges in extracting phonetics from endangered language corpora*, Department of Linguistics, Cornell University.

2013. *“Big data” in small languages: challenges in extracting phonetics from endangered language corpora*, Tri-Co Department of Linguistics (Swarthmore, Haverford, and Bryn Mawr colleges).

2013. *Fieldwork and tone in Mexico*. Workshop presented to the Endangered Language Initiative, CUNY Graduate School.

2013. *Coarticulatory variation in Trique tone*. Talk presented to the Endangered Language Initiative, CUNY Graduate School.

2012. *Prosody in Oto-Manguean Languages: The state of the art*, presented in *Prosody in Endangered Languages* panel at *Prosody in the Wider World*, Cologne, Germany.

2012. *The phonetics of tone and stress in Ixcatec*, Dartmouth College, Hanover, New Hampshire.

2010. *Production and Perception of Trique tone*, CELIA (Centre d'Etudes des Langues Indigènes d'Amérique), Université Paris III, Villejuif.

2007. *Los consonantes y los tonos en el Triqui de San Martín Itunyoso*, Trique Roundtable, Universidad Nacional y Autónoma de México (UNAM), Mexico City, Mexico.

2006. *The Phonetics of Consonantal Pitch Perturbation: An Analysis of Itunyoso Trique*, Workshop on Tone and Complexity, Dynamique du Langage, University Lyon-2, Lyon, France.

2006. *A Tricky Phoneme in Trique: The Pre-Stopped Nasal*, Phonetics in a Typological Perspective, Conference in Honor of Ian Maddieson, Berkeley, CA.

2005. *The Phonetics of Register in Chong*, Mahidol University, Thailand.

Conference Presentations / Posters

2018. (with Richard Hatcher) *Negation strategies in Itunyoso Triqui: Evidence from experimental and corpus data*. Society for the Study of the Indigenous Languages of the Americas (SSILA) Annual Meeting. Salt Lake City, Utah.

2017. (with Joshua Benn and Rey Castillo García) *Desenredando los efectos de posición y entonación en la producción de tono en mixteco*. Conference on the Indigenous Languages of Latin America (CILLA) VIII, University of Texas, Austin.

2017. (with Wei Rong Chen, Joshua Benn, Jonathan D. Amith, and Rey Castillo García) *Automatic detection of extreme stop allophony in Yoloxóchitl Mixtec*. Annual Meeting in Phonology, New York University.

2017. (with Basileo Martínez Cruz and Benigno Cruz Martínez) *Triqui tonal complexity in and out of the corpus: from description to documentation and back*, Symposium on American Indian Languages, Rochester Institute of Technology.

2017. (with Joshua Benn and Rey Castillo García) *Word and sentence level prosody in complex tone languages*, 91st meeting of the Linguistic Society of America, Austin, TX.

2016. (with D.H. Whalen, Christopher Geissler, and Hannah King) *Acoustic realization of a distinctive, frequent glottal stop: The Arapaho example*, 171st meeting of the Acoustical Society of America, Salt Lake City, Utah.

2016. (with Joshua Benn and Rey Castillo García) *La fonética del focus en mixteco de Yoloxóchitl*, Coloquio de lenguas otomangues y vecinas (COLOV) VII: Juan José Rendón, Oaxaca, Mexico.

2015. (with D.H. Whalen and H. Nam) *Labor-saving use of "forced alignment" for two endangered languages*, 89th Linguistic Society of America Annual Meeting, Portland, OR.

2014. (with D.H. Whalen) *Vowel production in a spoken Arapaho corpus*. The 46th Algonquian conference, Mohegan Sun, Connecticut.
2014. *Tone Perception in Rural Mexico: Cultural Expectations and Speech Theory*, Annual meeting of the American Academy for the Advancement of Science (AAAS), Chicago, IL.
2013. (with D.H. Whalen) *Phonetic patterns of Arapaho vowels*, The 45th Algonquian conference, Ottawa, Canada.
2013. (with Hosung Nam) *Articulatory parameterization in Trique tone production: Experimental results and modeling*, 165th Meeting of the Acoustical Society of America and 21st International Congress on Acoustics, Montréal, Canada.
2013. (with H. Nam, D.H. Whalen, J.D. Amith, and R. Castillo-García) *Automatic alignment in Yolojóchitl Mixtec documentation corpora*, 87th Linguistic Society of America Annual Meeting, Boston, MA.
2012. (with H. Nam, D.H. Whalen, J.D. Amith, and R. Castillo-García) *Assessing agreement level between forced alignment models with data from endangered language documentation corpora*, 2012 Interspeech Meeting, Portland, Oregon.
2012. *La fonética de los tonos y el acento en Ixcateco*, 5^a Coloquio de lenguas otomangues y vecinas (CoLOV5), Oaxaca, Mexico.
2012. (with J. Amith and R. Castillo García) *Phonetic Alignment in Yolojóchitl Mixtec Tone*, Society for the Study of the Indigenous Languages of the Americas Annual Meeting, Portland, OR.
2011. *Perceptual Cues of Laryngeal Contrasts in Trique*, 85th Linguistic Society of America Annual Meeting, Pittsburgh, PA.
2011. *The Phonetics of Glottalized Consonants in Ixcatec*, Society for the Study of the Indigenous Languages of the Americas Annual Meeting, Pittsburgh, PA.
2010. *Chungwì Snáhánj nih: El Mundo Triqui, Palabras de San Martín Itunyoso*, presented at the Presentación del Libro: Culturas Populares de Oaxaca, Oaxaca, México.
2010. *Perceptual Cues of Tonal and Laryngeal Contrasts in Itunyoso Trique*, 4th European Conference on Tone and Intonation (TIE4), Stockholm, Sweden.
2010. *Tone Perception in Itunyoso Trique*, 12th Conference in Laboratory Phonology, Albuquerque, NM.
2010. *Cross-linguistic perception of Itunyoso Trique tone*, 84th Linguistic Society of America Annual Meeting, Baltimore, MD.
2009. *Tone-Glottal Coarticulation in a Complex Tone Language*, Annual Meeting of the Acoustical Society of America, San Antonio, Texas.
2009. *Consonant Length in Monosyllables: Typology, Diachrony, and Phonetics*, presented at *Monosyllables: From Typology to Phonology*, Bremen, Germany.
2009. *Tone-Laryngeal Phasing in Trique*, 83rd Linguistic Society of America Annual Meeting, San Francisco, CA.

2008. (with Keith Johnson and Laurel MacKenzie) *The Acoustic and Visual Phonetic Basis of Place of Articulation in Excrescent Nasals*, 82nd Linguistic Society of America Annual Meeting, Chicago, IL.

2007. *Phonetic Correlates of Phonological Register in Takhian Thong Chong*, Annual Meeting of the Acoustical Society of America, New Orleans, LA.

2007. *The Phonetics of Fortis-Lenis: The Case of Trique*, 81st Linguistic Society of America Annual Meeting, Anaheim, CA.

2006. *The Phonetics of Register in Takhian Thong Chong*, Rara & Rarissima: Collecting and Interpreting Unusual Characteristics in Human Languages, Max Planck Institute for Evolutionary Anthropology, Leipzig, Germany.

2006. *Sensitivity of Glottalization to Prosodic Structure in Itunyoso Trique*, Society for the Study of the Indigenous Languages of the Americas Annual Meeting, Albuquerque, NM.

Graduate student advising

Chair of dissertation

Joshua Benn, University at Buffalo, Department of Linguistics
2016 - present. *The Phonology and Morphology of Guienagati Zapotec*

Xiaole Sun, University at Buffalo, Department of Linguistics
2015 - 2017. *Gradience in Contextual Tonal Variations in Nanjing Chinese*

Dissertation committee member

Richard Hatcher. University at Buffalo, Department of Linguistics
2018 - present. *The phonetics and phonology of Cayuga prosody*

Karl Sarvestani, University at Buffalo, Department of Linguistics
2015 - present. *The Phonetics of tone and stress in Karen*

Qualifying paper chair/co-chair

Jihye Seong, University at Buffalo, Department of Linguistics
2017 - present. *Early Language Experience and Phonological Development: A Case Study of a Bicultural and Monolingual family (Mail-order brides) in South Korea*

Miao Zhang, University at Buffalo, Department of Linguistics
2017 - present. *The effect of information structure on the articulation of unstressed syllables*

External dissertation committee member

Kevin L. Penner. University of Alberta, Department of Linguistics
2014 - present. *The Morphophonemics of Tone in Ixtayutla Mixtec*

Fidel Hernández Mendoza. Universidad Nacional Autónoma de Mexico. Estudios Mesamericanos
2016 - 2017 *Tono y fonología segmental en el triqui de Chicahuatlá*

Rolando Coto-Solano. University of Arizona, Department of Linguistics

2016 - 2017. *Tonal Reduction and Literacy in Me'phaa Vátháá*

Ryan Sullivant. University of Texas at Austin, Department of Linguistics
2012 - 2015. *A grammar of Tataltepec Chatino*

Teaching

Courses taught

| | | |
|---|---------------------------|-----------------------------------|
| LING 301: English Phonetics and Phonology | U.Buffalo | Spring 2016 |
| LING 431/531: Phonetics | U.Buffalo | Fall 2015, Fall 2016, Spring 2018 |
| LING 432/532: Phonology | U.Buffalo | Spring 2017 |
| LING 519: Linguistics Forum | U.Buffalo | Fall 2016 |
| LING 527: Linguistic Field Methods: Karenni | U.Buffalo | Fall 2016 |
| LING 528: Linguistic Field Methods: Konkani | U.Buffalo | Spring 2017 |
| LING 623: Graduate seminar on Prosody | U.Buffalo | Fall 2015 |
| LING 624: Quantitative Methods in Linguistics | U.Buffalo | Spring 2015, 2018 |
| Field Methods: Apoala Mixtec | CO-LANG (UT Arlington) | Summer 2014 |
| LING 220: Phonetics | Yale University | Spring 2014 |
| Seminar on Phonetics | Univerité Lyon 2 | Spring 2010 |
| Linguistics 123: Sound and Communication | San Jose State University | Fall 2008 |

Service

Internal

Graduate admissions committee, 2016-2018.

Colloquium organizer, Department of Linguistics, University at Buffalo, 2015 - present.

Chair of organizing committee, *The 5th International Symposium on Tonal Aspects of Language*, held in Buffalo, NY 5/24/16 - 5/27/16.

Co-organizer (with Jeff Good), *The New Field Methods* workshop at University at Buffalo, Department of Linguistics, 4/24/15.

External

Reviewer: *Journal of the Acoustical Society of America*, *Journal of Phonetics*, *International Journal of American Linguistics*, *Phonology*, *Language Documentation and Conservation*, *Journal of East Asian Linguistics*, *Journées d'études sur la Parole*, *Interspeech*, *Linguistics and Language Compass*, *Phonetica*, *International Journal of Audiology*, *Proceedings of the 27th Annual West Coast Conference on Formal Linguistics (WC-CFL)*.

Member of organizing committee, *The 15th Meeting on Laboratory Phonology (Labphon 15)*, held at Cornell University, 7/13/16 - 7/16/16.

August 2015. Discussant, special session on *Voice Quality and Phonation* at the 18th International Congress

of Phonetic Sciences, Glasgow, UK.

June 2014. Lecturer/Organizer, Taller sobre tonos para lingüistas y hablantes de lenguas de Mesoamérica in Oaxaca, Mexico. (Workshop on tone for linguists and speakers of Mesoamerican languages)

June 2013. Lecturer/Organizer, Convocatoria de tono y morfología: construyendo el léxico en las lenguas otomangués en Oaxaca, Mexico. (Workshop on tone and morphology: constructing a lexicon of Oto-Manguéan languages)

2013. Co-organizer (with Benjamin Munson, University of Minnesota), *Mixed Effects Modeling: Applications and Practice in Speech Research*. Special session at the Acoustical Society of America Annual Meeting, Montréal, Canada

June 2012. Lecturer/Organizer, Primer taller sobre tonos para lingüistas y hablantes de lenguas de Mesoamérica in Oaxaca, Mexico. (First workshop on tone for linguists and speakers of Mesoamerican languages)

2012. Session chair at Interspeech-2012, Portland, Oregon.

2008. Mentor, Breath of Life Workshop for California Indian Languages, University of California, Berkeley.

2006. Member, Organizational Committee for Endangered Languages, Endangered Sounds: Conference in Honor of Ian Maddieson. University of California, Berkeley.

2004. Member, Organizational Committee, 4th Society for Indigenous Languages and Culture. University of California, Berkeley.

2003–2005. Member, Organizational Committee, 29th - 31st Annual Berkeley Linguistics Society, UC Berkeley.

Professional Affiliations

Linguistic Society of America

Society for the Study of the Indigenous Languages of the Americas

Acoustical Society of America

Linguistic Fieldwork

| | | |
|--------------|--|-----------------------------|
| 2014 | Apoala Mixtec (Otomanguéan) | UT Arlington, Texas |
| 2012-2015 | Arapaho (Algonquian) | Riverton, Wyoming |
| 2010-present | Yoloxóchitl Mixtec (Otomanguéan) | Oaxaca, Mexico |
| 2010 | Quetzalapa Chinantec (Otomanguéan) | Oaxaca, Mexico |
| 2009-present | Santa María Ixcatlán Ixcatec (Otomanguéan) | Oaxaca, Mexico |
| 2004-present | San Martín Itunyoso Triqui (Otomanguéan) | Oaxaca, Mexico; California |
| 2005 | Takhian Thong Chong (Austroasiatic) | Chanthaburi State, Thailand |
| 2004-05 | Kuki-Thaadow (Tibeto-Burman) | Berkeley, CA |
| 2001 | Yojóvi Zapotec (Otomanguéan) | Oaxaca, Mexico |

Last updated: August 11, 2018