

Christina Bjorndahl

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Employment

Special Faculty (Teaching & Linguistic Pedagogy): August 2019 – present
Carnegie Mellon University, Department of Philosophy

Special Faculty (Adjunct): 2018 – 2019
Carnegie Mellon University, Department of Philosophy

Visiting Scholar: 2014 – 2018
Carnegie Mellon University, Department of Philosophy

Education

Ph.D. Linguistics, Cornell University, 2018

M.A. Linguistics, Cornell University, 2012

M.A. Linguistics, University of Toronto, 2008

B.Sc. Mathematics and Linguistics, University of Toronto, 2007
with distinction

Research Interests

Pedagogy: Pedagogy in Linguistics; Inclusive Pedagogy; Undergraduate research

Linguistics: Phonology; Phonetics; Phonetics-Phonology Interface

Pedagogical Research and Initiatives

Publications

Bjorndahl, C. and Gibson, M. (revise & resubmit) “C.A.R.E. Framework for Undergraduate Research.”
Submitted to *Language: Teaching Linguistics*.

Pedagogical Initiatives

Panelist in special symposium at LSA 2021 *Scholarly Teaching in the Age of COVID-19 and Beyond*, organized by Michal Temkin Martínez and Kazuko Hiramatsu, January 2021

POSTER presentation in special symposium at LSA 2021 *Scholarly Teaching in the Age of COVID-19 and Beyond*, viewable at: <https://lingscholarlyteaching.wordpress.com/2021/01/07/poster-a1/>, January 2021

Collaboration on resource page for the Linguistic Society of America, with Faculty Learning Community on the Scholarship of Teaching and Learning for Linguists, viewable at: <https://tinyurl.com/ScholarlyTeachingInLinguistics>, August 2020.

Implementing Eberly Center *Signature Course* initiative for *80-180 Nature of Language* to develop online materials to enhance existing courses as part of CMU’s COVID-19 response, with Mandy Simons and Thomas Werner, Summer 2020

Co-organizer of satellite workshop at LabPhon 17 *Pedagogical Approaches to Laboratory Phonology*, with Mark Gibson and Jonathan Howell, July 2020

Member of the inaugural *Faculty Learning Committee*, part of the NSF-funded, *Linguistic Society of America* initiative in the *Scholarship of Teaching and Learning (SoTL)*, 2019–2020

Eberly Center “Teaching & Learning Summits”

“Using Gradescope to streamline grading in large classes”. (Technology Enhanced Learning Demonstration) *Eberly Center 2018 Teaching & Learning Summit*

“How Can You Use Active Learning And iClickers To Make A Large Lecture Feel Like A Small Class?”. (Quickfire Interactive Talks) *Eberly Center 2017 Teaching & Learning Summit*

Linguistics Research

Bjorndahl, C. (revise & resubmit). “Voicing and frication at the phonetics-phonology interface: An acoustic study of English, Greek, Serbian, and Russian.” Submitted to *The Journal of Phonetics*.

Bjorndahl, C. (2015). “The Phonetics and phonology of segment classification: A case study of /v/.” In *The Segment in Phonology and Phonetics*, Cairns, C. and Raimy, E.

Bjorndahl, C. (2013). “Phonetic properties of [v] in Russian, Serbian and Greek” *Proceedings of Meetings on Acoustics* 19.

Tilsen, S., Zec, D., Bjorndahl, C., Butler, B., L’Esperance, M., Fisher, A., Heimisdottir, L., Renwick, M., and Sanker, C. (2012). “A Cross-linguistic Investigation of Articulatory Coordination in Word-initial Consonant Clusters.” *Cornell Working Papers in Phonetics and Phonology* 51–81.

Bjorndahl, C. and Karshon, Y. (2010) “Revisiting Tietze-Nakajima: local and global convexity for maps” *Canadian Journal of Mathematics* 62 (5), 975–993.

Presentations and Posters

“Manner matters: Fricatives block V-to-V coarticulation more than oral and nasal stops”. (poster) *Linguistics Society of America*, January 2–5, 2020, New Orleans, Louisiana, USA. (with Mark Gibson and Kade Stewart)

“Laboratory in the Phonetics/Phonology Classroom”. (presentation) *Manchester Phonology Meeting, Fringe Session, ‘Teaching Phonology: State of the Art’*, May 22, 2019, Manchester, UK. (with Mark Gibson)

“Peering into the Obstruent-Sonorant Divide: The view from /v/”. (invited) *North American Phonology Conference*, May 4, 2018, Montreal, Canada.

“The Typology of Voiced Spirants and the Emergence of [sonorant]”. (presentation) *Manchester Phonology Meeting*, May 28, 2016, Manchester, UK.

“Ambiguity at the Interface: Asymmetries in Voicing Assimilation and the Case of Russian /v/”. (presentation) *University of Pittsburgh Linguistics Department Colloquium*, October 23, 2015, Pittsburgh, USA.

“Intermediacy, Ambiguity and Categorization at the Phonetics-Phonology Interface”. (presentation) *Carnegie Mellon Psychology Department Brown Bag (PAL)*, March 21, 2015, Pittsburgh, USA.

“Triggers and targets in voicing assimilation: The inevitability of Russian /v/”. (presentation) *Montreal-Ottawa-Laval-Toronto Phonology and Phonetics Conference (MOLT 2015)*, March 13–15, 2015, Toronto, Canada.

“The cross-linguistic phonological and phonetic identity of /v/”. (presentation) *12th Old World Conference in Phonology (OCP 12)*, January 28–30, 2015, Barcelona, Spain.

“The phonetic properties of [v] in Russian, Serbian and Greek” (poster) *21st International Congress on Acoustics 2013 (ICA 2013)* June 2–7, 2013, Montreal, Canada.

“The Phonology and Phonetics of Ambiguity: A Case Study of /v/”. (poster) *The 13th Conference on Laboratory Phonology (LabPhon 13)*, July 27–29, 2012, Stuttgart, Germany.

“The Phonology and Phonetics of Ambiguity: A Case Study of /v/”. (presentation) *CUNY Conference on the Segment*, January 11–13, 2012, New York, USA.

Teaching

Carnegie Mellon University

Starred courses were developed or co-developed by me.

PHI 80180 *Nature of Language* (F17, F18, S19, F19, F20, S21)

*PHI 80286/80786 *Words and Word Formation: Introduction to Morphology* (F15, F16, F18, F20)

*PHI 80287 *Language Variation and Change* (S20; with B George)

*PHI 80288 *Intonation: Transcription and Analysis* (S18; with Mandy Simons)

*PHI 80382/80682 *Phonetics and Phonology II* (F14, S16, S17, S19, S21)

*PHI 80388 *Linguistic Typology: Diversity and Universals* (F19)

*PHI 80488/80788 *Acoustics of Human Speech: Theory, Data, and Analysis* (S20)

Cornell University

COGST 1101/PSYCH 1102: Introduction to Cognitive Science (S14)

Teaching Assistant (Instructor: Khenia Swallow)

LING 4401: Phonology I (F13)

Grader (Instructor: Abby Cohn)

LING 3302: Introduction to Phonetics and Phonology (S13)

Teaching Assistant (Instructor: Sam Tilsen)

COGST/PSYCH 2150: Psychology of Language (S11)

Teaching Assistant (Instructor: Morten Christiansen)

FREN 1210: Introduction to French Language (F10)

Instructor (Lecturer: Joanna Gay Luks)

LING 1100: Language, Thought and Reality: Creating the Science of Language

First Year Writing Seminar (F09, S10)

Instructor

University of Toronto

LIN229: Sound Patterns in Language, St. George Campus (S08)

Teaching Assistant

LIN228: Phonetics, St. George Campus (S08)

Teaching Assistant

LIN 100: Introduction to General Linguistics, UTM Campus (F08)

Teaching Assistant

LIN 228: Phonetics, UTM Campus (F07)

Teaching Assistant

Advising

Raymond Xia, member on PhD committee; chair: Dr. Richard Stern (F20–present)

“Phonetically-Guided Speech Enhancement Using Deep Neural Networks”

Elizabeth Sulkin, Dietrich College Senior Honors Program (F19–S20)
“Russian elision in fast speech”

Katherine Zhang, Linguistics Senior Thesis (F18)
“A cross-linguistic comparison of the L2 acquisition of VOT contrasts”

Caitlin Lohman, Linguistics Senior Thesis (S16)
“Stability of Retroflex Stop Articulation in Hindi”

Fellowships, Awards, and Honours

Awarded CMU’s *Provost’s Inclusive Teaching Fellowship*, to diversify course content, 2020–2021 (\$5000)

Social Sciences and Humanities Research Council (SSHRC) Doctoral Fellowship, 2011–2012 (\$20,000)

Sage Fellowship, Cornell University (2 years funding and stipend)

Professional Service and Affiliations

Linguistic Society of America, member

Reviewer for:

Language: Teaching Linguistics

Journal of Phonetics