

Christina Bjorndahl

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Employment

Visiting Assistant Teaching Professor: September 2021 – present
Carnegie Mellon University, Department of Philosophy

Special Faculty (Teaching & Linguistic Pedagogy): 2019 – 2021
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

A Story of /v/: Voiced Spirants in the Obstruent-Sonorant Divide

Draga Zec (chair), Abby Cohn, and Mats Rooth

M.A. Linguistics, University of Toronto, 2008

The Phonetics and Phonology of Esan Nasal Harmony

Keren Rice (advisor)

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

with distinction

Research Interests

Pedagogy: Linguistic pedagogy; Inclusive pedagogy; Undergraduate research

Linguistics: Laboratory phonology; Voiced fricatives; Segments and features

Pedagogy

Publications

Bjorndahl, C. and Gibson, M. (forthcoming) “The C.A.R.E. Approach to Incorporating Undergraduate Research in the Phonetics/Phonology Classroom.” *Language: Teaching Linguistics*.

Bjorndahl, C. (2021) “Using a Class Wiki to Facilitate Community and Linguistic Inclusivity.” *Proceedings of the LSA: Special Issue – Scholarly Teaching in the Age of COVID and Beyond*.

Bjorndahl, C. (invited; in preparation). “Phonological Pedagogy.” In Kennedy, Robert and Strycharczuk, Patrycja (Eds.), *Cambridge Elements in Phonology*.

Invited Talks, Presentations, and Posters

“Tackling Language Prejudice in the Introductory Linguistics Classroom.” *Linguistic Society of America 2022 Annual Meeting Organized Session: Public Understanding of Linguistics*. (Invited by organizers of session; proposal for session peer reviewed). January 2022.

“Small teaching toward justice, equity, diversity and inclusion in linguistics” [session co-organizer and presenter], *Linguistic Society of America 2022 Annual Meeting Organized Session*. January 2022.

“Small teaching in a big way: (Re)conceptualising phonological pedagogy using evidence-based practices.” *Annual Meeting on Phonology 2021: Workshop on Teaching Phonology*. (Invited). October 2021.

“Scholarly Teaching in the Age of Covid-19 and Beyond” [session co-organizer and panelist], *Linguistic Society of America 2021 Annual Meeting Organized Session*. January 2021.

“Using a Class Wiki to Facilitate Community and Linguistic Inclusivity.” (online presentation and poster) *Linguistic Society of America 2021 Annual Meeting Organized Session: Scholarly Teaching in the Age of Covid-19 and Beyond*. Viewable at: <https://lingscholarlyteaching.wordpress.com/2021/01/07/poster-a1/>. January 2021.

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

Pedagogical Initiatives

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.

Eberly Center *Signature Course* initiative for *80-180 Nature of Language*: work to develop *Online Learning Initiative* (OLI) modules to enhance existing courses as part of CMU’s

Covid-19 response, with Mandy Simons and Thomas Werner. Summer 2020 (ongoing).

Creation of wiki as part of both the *Signature Course* initiative and the *Provost's Inclusive Teaching Fellowship* to incorporate issues of Justice, Equity, Diversity, and Inclusion into the introductory (linguistics) classroom. Wiki implemented in *pmwiki* by Will Nalls, and will be released for public use. Summer 2020 (ongoing).

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)*, the goal of which is to build capacity for scholarly teaching and SoTL within Linguistics. Initial grant: 2019–2020 (ongoing).

Eberly Center “Teaching & Learning Summits”

“Getting students to like group work.” *Lighting Roundtable Session*. 2021.

“Using Gradescope to streamline grading in large classes.” *Technology Enhanced Learning Demonstration*. 2018.

“How Can You Use Active Learning And iClickers To Make A Large Lecture Feel Like A Small Class?” *Quickfire Interactive Talks*. 2017.

Linguistics

Publications

Bjorndahl, C. (forthcoming). “Voicing and frication at the phonetics-phonology interface: An acoustic study of English, Greek, Serbian, and Russian.” *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.

Invited talks, Presentations, and Posters

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

“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.

Mathematics

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

Teaching

Carnegie Mellon University

Starred courses were developed or co-developed by me.

PHI 80180 *Nature of Language*

(F17, F18, S19, F19, F20, S21, S22)

*PHI 80286/80786 *Words and Word Formation: Introduction to Morphology*

(F15, F16, F18, F20, F21)

*PHI 80287 *Language Variation and Change*

(S20 with B George, F21)

*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, F21)

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

(S20, S22)

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 as a Phonologically Conditioned Process”

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

Association for Laboratory Phonology, member

Reviewer for:

Language: Teaching Linguistics

Journal of Phonetics