

Christina Bjorndahl | CV

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Education

2018: Ph.D. Linguistics, Cornell University

- *A Story of /v/: Voiced Spirants in the Obstruent-Sonorant Divide*
- Draga Zec (chair), Abby Cohn, and Mats Rooth

2008: M.A. Linguistics, University of Toronto

- *The Phonetics and Phonology of Esan Nasal Harmony*
- Keren Rice (advisor); Yoonjung Kang

2007: B.Sc. Mathematics & Linguistics, University of Toronto

Employment

Carnegie Mellon University

Assistant Teaching Professor

2022 – present

Carnegie Mellon University

Visiting Assistant Teaching Professor

2021 – 2022

Carnegie Mellon University

Special Faculty

2014 – 2021

- Teaching & Linguistic Pedagogy (2019 – 2021)
- Adjunct (2018 – 2019)
- Visiting scholar (Instructor) (2014 – 2018)

Research: Pedagogy

Publications.....

2022: Bjorndahl, C. and Gibson, M. "The C.A.R.E. Approach to Incorporating Undergraduate Research in the Phonetics/Phonology Classroom." *Language: Teaching Linguistics*.

2021: Bjorndahl, C. "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*.

Invited Talks, Presentations, and Posters.....

2022: "Tackling Language Prejudice in the Introductory Linguistics Classroom." *Linguistic Society of America 2022 Annual Meeting Organized Session: Public Understanding of Linguistics*. January.

- Invited by Laura Wagner (organizer for session); proposal for session peer reviewed.

2022: "Small teaching toward justice, equity, diversity and inclusion in linguistics", *Linguistic Society of America 2022 Annual Meeting Organized Session*. January.

- Co-organizer and presenter with Kazuko Hiramatsu, Michal Temkin Martínez, Reed Blaylock, Ann Bunger, Kristin Denham, Jessi Grieser, Wesley Y. Leonard, Michael Rushforth, and Lynsey Wolter.

2021: "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", *Linguistic Society of America 2021 Annual Meeting Organized Session*. January.

- Co-organizer and panelist with Kazuko Hiramatsu, Michal Temkin Martínez, Reed Blaylock, Evan Bradley, Ann Bunger, Kristin Denham, Jessi Grieser, Wesley Y. Leonard, Michael Rushforth, Taylor Sharp, Rosa Vallejos, and Lynsey Wolter.

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.

2019: "Laboratory Phonology in the Phonetics/Phonology Classroom." *Manchester Phonology Meeting, Fringe Session, 'Teaching Phonology: State of the Art'*, May, Manchester, UK.

- with Mark Gibson

Pedagogical Projects.....

invited; in prep.: Bjorndahl, C. "Phonological Pedagogy." Kennedy, Robert and Strycharczuk, Patrycja (Eds.), *Cambridge Elements in Phonology*.

2020: 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.

- Collaboration with Reed Blaylock, Evan Bradley, Ann Bunger, Kristin Denham, Jessi Grieser, Kazuko Hiramatsu, Wesley Y. Leonard, Michael Rushforth, Taylor Sharp, Michal Temkin Martínez, Rosa Vallejos, and Lynsey Wolter.

2020: Eberly Center *Signature Course* initiative for *80-180 Nature of Language*.

- Ongoing 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.

2020: 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, with plans to release it for public use.

2020: Organizer of satellite workshop at LabPhon 17 *Pedagogical Approaches to Laboratory Phonology*. July.

- with Mark Gibson and Jonathan Howell

2019 – 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.

- PIs: Kazuko Hiramatsu and Michal Temkin Martínez.

Campus Talks: Eberly Center "Teaching & Learning Summits".....

2021: "Getting students to like group work." *Lighting Roundtable Session*.

2018: "Using Gradescope to streamline grading in large classes." *Technology Enhanced Learning Demonstration*.

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

Research: Linguistics

Publications.....

2022: Bjorndahl, C. "Voicing and frication at the phonetics-phonology interface: An acoustic study of English, Greek, Serbian, and Russian." *The Journal of Phonetics*.

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

2013: Bjorndahl, C. "Phonetic properties of [v] in Russian, Serbian and Greek." *Proceedings of Meetings on Acoustics* 19.

2012: Tilsen, S., Zec, D., Bjorndahl, C., Butler, B., L'Esperance, M., Fisher, A., Heimisdottir, L., Renwick, M., and Sanker, C. "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.....

2020: "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, New Orleans, Louisiana, USA.

o with Mark Gibson and Kade Stewart

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

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

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

2015: "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, Toronto, Canada.

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

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

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

Germany.

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

Campus Talks.....

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

Other Publications

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

Teaching

F = fall; S = spring. Where two course codes are given for a given course, the higher number represents a graduate course code.

Nature of Language (PHI 80180)

- F17, F18, S19, F19, F20, S21, S22

Words and Word Formation: Intro. to Morphology (PHI 80286/80786)

- F15, F16, F18, F20, F21

Language Variation and Change (PHI 80287)

- S20 with B George, F21

Intonation: Transcription and Analysis (PHI 80288)

- S18 with Mandy Simons

Phonetics and Phonology II (PHI 80382/80682)

- F14, S16, S17, S19, S21

Linguistic Typology: Diversity and Universals (PHI 80388)

- F19, F21

Acoustics of Human Speech: Theory, Data, & Analysis (PHI 80488/80788)

- S20, S22

Fellowships, Awards, and Honours

2020 – 2021: Carnegie Mellon University: *Provost's Inclusive Teaching Fellowship* to diversify course content (\$5000)

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

2008: Cornell University: Sage Fellowship, (2 years funding and stipend)

Advising

Graduate.....

2022 – present: Mark Lindsey (Electrical and Computer Engineering)

- o PhD committee member

2020 – present: Raymond Xia (Electrical and Computer Engineering), “Phonetically-Guided Speech Enhancement Using Deep Neural Networks”

- o PhD committee member

Undergraduate.....

F2022: Jackson Blankenship

- o Linguistics Senior Thesis

2019 – 2020: Elizabeth Sulkin, “Russian Elision as a Phonologically Conditioned Process”

- o Dietrich College Senior Honors Program

F2018: Katherine Zhang, “A Cross-linguistic Comparison of the L2 Acquisition of VOT contrasts”

- o Linguistics Senior Thesis

S2016: Caitlin Lohman, “Stability of Retroflex Stop Articulation in Hindi”

- o Linguistics Senior Thesis

Service

Department Service.....

2021 – present: Supervising graduate student teaching in the Department of Philosophy

- o with Joel Smith

Journal Reviewing.....

Language: Teaching Linguistics (2020)

Journal of Phonetics (2021, 2022)

Isogloss (2022)

Canadian Journal of Linguistics (2022)

Conference Reviewing.....

Linguistic Society of America Annual Meetings (2022, 2023)

Annual Meeting in Phonology (2022)

Professional Affiliations

Linguistic Society of America

Association for Laboratory Phonology