

Dan Cameron Burgdorf

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Cornell University
Linguistics Department
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Education

- 2015-2022 Ph.D. Linguistics, Cornell University
Committee: Sam Tilsen (chair), Abby Cohn, Draga Zec
- 2015-2018 M.A. Linguistics, Cornell University
- 2011-2015 B.A. Linguistics & B.S. Physics, University of Iowa, graduated with Honors

Grants and Awards

- 2020-2021 & 2018-2019 FLAS (Foreign Language & Area Studies) fellowship (Burmese/SEA)
- 2019-2020 & 2015-2016 Sage Fellowship (Cornell University)
- 2016-2020 Cornell University Conference Travel Grants
- 2018-2019 Einaudi Center International Research Travel Grant
- 2017 SEASSI (Southeast Asian Studies Summer Institute) fellowship (Burmese)

Research Interests

Phonetics and phonology; speech articulation and planning; articulatory data analysis methodologies; psycholinguistics; the consonant/vowel distinction; glides; minor syllables and gestural models of syllable structure; Burmese and other Southeast Asian languages; Gayogohó:nɔ̃ʔ and other Native American languages.

Peer-Reviewed Publications

- Burgdorf, Dan Cameron & Sam Tilsen. 2021. "Temporal differences between high vowels and glides are more robust than spatial differences." *Journal of Phonetics*. 88: 101073. <https://doi.org/10.1016/j.wocn.2021.101073>
- Burgdorf, Dan Cameron. 2020. "Reduction in Burmese Compounds." *Journal of the Southeast Asian Linguistics Society*. 13(1): 129-159.

Conference Proceedings & Qualifying Papers

Burgdorf, Dan Cameron. 2022. "The Consonant/Vowel Distinction: A Cognitive Difference Evidenced by Glides." Dissertation, Cornell University.

Burgdorf, Dan Cameron. 2021. "Burmese moraic structure." *Proceedings of CLS 56 (2020)*. 67-79.

Burgdorf, Dan Cameron. 2021. "Identifying gestural onsets with high-order derivatives of articulatory trajectories." *Proceedings of Meetings on Acoustics*. 42: 060017.
<https://doi.org/10.1121/2.0001460>

Burgdorf, Dan Cameron & Sam Tilsen. 2021. "Compensation for altered feedback in vowels and glides." *Proceedings of the 12th International Seminar on Speech Production (ISSP)*. Virtual, December 2020.

Burgdorf, Dan Cameron. 2018. "Burmese moraic and prosodic structure." M.A. qualifying paper, Cornell University.

Presentations

Activation Noise Offers Richer Analysis than Velocity Landmarks in Articulatory Data. *Speech Motor Control (SMC)*. August 2022. [poster] Unfortunately, though accepted, I was unable to attend.

Glides Prioritize Articulation, Vowels Prioritize Acoustics. *LSA (Linguistic Society of America) 2021 Virtual Annual Meeting*. January 2021. [talk]

Using High-Order Derivatives of Articulatory Trajectories to Identify Gesture Onsets. *Acoustics Virtually Everywhere*, the 179th meeting of the Acoustical Society of America (ASA). Virtual, December 2020. [poster]

Compensation for Altered Feedback in Vowels and Glides. *12th International Seminar on Speech Production (ISSP)*. Virtual, December 2020. [poster]

Compensation for Altered Feedback in Vowels and Glides. *Berkeley Linguistics Society Workshop 2020*. Berkeley, California, USA, February 2020. [poster]

Productivity of Minor Syllables in Burmese. *26th Manchester Phonology Meeting*. Manchester (MFM), United Kingdom, May 2018. [poster]

Productivity of Minor Syllables in Burmese. *28th meeting of the Southeast Asian Linguistics Society (SEALS)*. Kaohsiung, Taiwan, May 2018. [talk] (I was unexpectedly unable to attend, but my slides were made available to attendees.)

Articulatory Differences Between Glides and Vowels. *Acoustics '17 Boston*, the third joint meeting of the Acoustical Society of America and the European Acoustics Association. Boston, Massachusetts, USA, June 2017. [poster]

Asymmetry of Glides in Shan. *27th meeting of the Southeast Asian Linguistics Society (SEALS)*. Padang, Indonesia, May 2017. [talk]

Teaching

Graduate student instructor, “How to Build a Language” (First-Year Writing Seminar), Fall 2021 & Fall 2016. Cornell University.

Teaching assistant, “Ethics and the Environment” (Spring 2022), “Psychology of Language” (Spring 2018), “Introduction to Linguistics” (Fall 2017), “Introduction to Cognitive Science” (Spring 2017). Cornell University.

Honors Writing Fellow (writing tutor), 2014-2015. University of Iowa, Writing Center.

Skills

Languages: Burmese (intermediate reading and writing, basic speaking)

Programming & software: Proficient with Matlab, Praat, and Javascript/Node; some familiarity with R, LaTeX, Ruby, & Audacity

Technologies: EMA (NDI Wave Electromagnetic Articulography); some familiarity with various microphones, cameras, and recorders

Service

2017-2019	Editor of CWP3 (Cornell Working Papers in Phonetics and Phonology)
2016-2017	President of Ph2 (Phonetics and Phonology) reading group, Cornell University
2016-2017	Senior editor of SALT 27 (Semantics and Linguistic Theory)
2016	LabPhon 15 graduate student volunteer
2015-2016	Junior editor of SALT 26 (Semantics and Linguistic Theory)
2014-2015	Undergraduate research assistant, Communication, Cognition, and Learning Lab (CoLLab), University of Iowa Department of Psychology