

Sreeparna Sarkar

Biographical Information

1. Contact

Department of Linguistics and Cognitive Science
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Website: <http://www.sreeparnasarkar.com/about.html>

Github account: <https://github.com/Sreeparna5>

2. Education

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| 2017- Present | PhD (Linguistics): University of Delaware. Expected 2023. |
| 2012-2013 | MA (Linguistics): University of Leeds, UK. |
| 2009-2012 | BA (English Hons): English and Foreign Languages University, Hyderabad. |
| 2014 | Certificate for English Language Teaching to Adults, University of Cambridge, UK. |

Research Interests

Speech Perception, Laboratory Phonology, Speech Production, Articulatory Phonetics, Speech Recognition, Psycholinguistics.

Academic History

1. Publications:

A. Papers in peer-reviewed Journals:

Sarkar, S . 2016. "Speaker Identification Using Vowels /i/ and /ɑ/ at Normal Pitch and High Pitch." *Linguistics and Literature Studies* 4.1 (2016) 8 - 16. doi: 10.13189/lls.2016.040102.

B. Conference Proceedings

Sarkar, S and Vogel, I. (2021) "Prosodic Prominence and High Vowel Lowering in Apurímac Quechua," *University of Pennsylvania Working Papers in Linguistics: Vol. 27: Iss. 1* , Article 25.

Available at: <https://repository.upenn.edu/pwpl/vol27/iss1/25>

Franich, K. & **Sarkar, S.** (2019). "Effects of Rhythmicity on Speech Perception in Speech and Musical Contexts". In Sasha Calhoun, Paola Escudero, Marija Tabain & Paul Warren (eds.) *Proceedings of the 19th International Congress of Phonetic Sciences, Melbourne, Australia 2019* (pp. 681).

C. Conference Presentations

Sarkar, S (2022). Perception of Bengali stops: The role of Markedness. *183rd Meeting Acoustical Society of America*, Nashville, Tennessee, United States.

Sarkar, S. & Vogel, I. (2022). Prosodic Prominence Enhances the Perceptibility of Bengali Stop Consonants. *Laboratory Phonology 18 (Virtual)*.

Sarkar, S. & Hestvik, A. (2020). Gradient Effects and Categorical Perception Co-exist. *Acoustics Virtually Everywhere, Virtual Conference of Acoustical Society of America*.

Sarkar, S. & Franich, K. (2020). Articulatory differences between true and assimilated stop geminates in Bengali. *UBC Laboratory Phonology 17*.

Sarkar, S. & Vogel, I. (2020). Prosodic Prominence and High Vowel Lowering in Apurímac Quechua. Accepted for Oral Presentation at the 44th Penn Linguistics Conference at University of Pennsylvania, Philadelphia, Pennsylvania. (Oral presentation cancelled due to Covid -19).

Franich, K. & **Sarkar, S.** (2019). Effects of Rhythmicity on Speech Perception in Speech and Musical Contexts. *19th International Congress of Phonetic Sciences, Melbourne, Australia 2019* (pp. 681).

Sarkar, S. & Vogel, I. (2019). The Four-way stop contrast in Bengali: Durational Patterns. *Presentation at the 43rd Penn Linguistics Conference at the University of Pennsylvania*, Philadelphia, Pennsylvania.

Sarkar, S., (2019). Categorical Perception and Gradient Perception Coexist. *Presentation at the Linguistics and Cognitive Science Student Conference at University of Delaware*, Newark, Delaware.

Sarkar, S., (2015). "Speaker Identification Using Vowels /i/ and /a/ at Normal Pitch and High Pitch.", *International Symposium on Language, Linguistics, Literature and Education*, Osaka, Japan.

Sarkar, S. (2013). "Speaker Identification Using Vowels /i/ and /a/ at Normal Pitch and High Pitch.", *The Roundtable Conference of Forensic Linguistics*, Mainz, Germany.

D. Published Abstracts

Sarkar, S. (2022). Perception of Bengali stops: The role of Markedness. *The Journal of the Acoustical Society of America*, 152(4), A173-A173.

Sarkar, S. & Hestvik, A. (2020). Gradient Effects and Categorical Perception Co-exist. Accepted for Poster Presentation at 2020 Acoustical Society of America (Physical conference cancelled due to Covid-19).

Laboratory Involvement

University of Delaware

- 2017- 2022 Prosodic Typologies Lab.
Director: Irene Vogel
- 2018-2021 Phonetics Lab at University of Delaware
Director: Kathryn Franich
- 2017 Summer Research Assistant at Department of Engineering, Indian Institute of Science, Bangalore.
Director: Prashanta Ghosh

Research Assistant

University of Delaware

- 2019- 2021 Phonetics Lab
Lab Director: Dr. Kathryn Franich

Teaching Assistant:

University of Delaware

- Fall 2022: Introduction to Speech and Hearing Science
Spring 2022- Introduction to Acoustic Phonetics.
Fall 2018, 2020- Ling403/603: Introduction to Phonology.
Spring 2018- CGSC170: Introduction to Cognitive Science.
Fall 2017- Ling 101: Introduction to Linguistics (Section Lead).

Course Instructor:

University of Delaware

- Fall 2021, Winter 2021 Introduction to Linguistics (LING101).
Spring 2021 First Language Development (LING444).

Scholarships and grants:

2018, 2019, 2020, 2021, 2022: Summer research fellowship, University of Delaware.
2021: Dissertation Experiment funding, University of Delaware.
2020: Laura Bassi editorial scholarship Spring 2020.
2019: Professional Development grant for ICPHS, Melbourne Australia, University of Delaware.
2019: Travel grant for Pennsylvania Linguistics Conference, University of Delaware
2012: J.N. TATA Endowment India Fellowship for graduate studies in the UK.

Service:

Journal Reviewer: Kashmir Journal of Linguistics
Committee Member: UD Linguistics Department Diversity, Equity and Inclusion Committee.

Others:

2020 Colloquium Organizing committee member at the Department of Linguistics and Cognitive Science.

2020: Linguistics Society of America Annual Meeting Volunteer.

2019-2020 Linguistics Society of America Student Ambassador.

2019 Colloquium Organizing committee member at the Department of Linguistics and Cognitive Science.

2018 New student liaison at the Department of Linguistics and Cognitive Science, University of Delaware.

Non-Academic Employment:

September 2015- April 2017 Linguavista LLC, Culture and Language program coordinator, Bangalore, India.

May 2017-July 2017 Department of Computer Engineering- 2017(Summer Intern), Indian Institute of Science, Bangalore

October 2014- June 2015 Research Assistant at the Department of Research and Development, British Council India.

June 2014- July 2017 Online English Language Instructor at ALFIA Languages, Paris, France

Computer Skills:

PRAAT, R, Matlab, Microsoft Office, Python (learning ongoing), Machine Learning with Python.

Languages:

English- Fluent

Bengali- native speaker

Hindi- Fluent

German- Intermediate level

French- Elementary level.