Maxwell Hope

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EDUCATION

2020-2024   Ph.D. in Linguistics, University of Delaware
2018-2020   Master of Arts in Linguistics & Cognitive Science, University of Delaware
2012-2017   Bachelor of Philosophy in Linguistics, Pennsylvania State University
2012-2017   Bachelor of Arts in French, Pennsylvania State University

ACADEMIC APPOINTMENTS

2024   Instructor, Department of Communication Sciences and Disorders,
              University of Delaware
2023   Teaching Assistant, Department of Psychology, University of Delaware
2023   Instructor, Department of Communication Sciences and Disorders,
              University of Delaware
2022-2023   Graduate Research Fellow, University of Delaware (Dissertation research: Creation,
              perception and use of gender expansive synthetic voices, Chair: Dr. Verdolini Abbott)
2021-2022   Teaching Assistant, Department of Linguistics & Cognitive Science,
              University of Delaware
2019-2021   Graduate Scholars Fellow, University of Delaware
2018-2019   Research Assistant, Stress Lab, University of Delaware
2018-2019   Teaching Assistant, Department of Psychology, University of Delaware
2017-2018   Research Assistant, Speech Perception & Localization Lab, Towson University
2016-2017   Research Assistant, Pennsylvania State University (Undergraduate Honors Thesis in
              Gender and Pitch, Advisor: Dr. Evan Bradley)
2014-2015   Research Assistant in Psychoacoustics & Codeswitching, Pennsylvania State University,
              Center for Language Science

AWARDS & ACHIEVEMENTS

2024   Special Act Award, U.S. Census Bureau
2022-2023   Competitive Doctoral Research Fellowship, University of Delaware
2021   Triangle Award, Pride Caucus, University of Delaware
2020-2021   Graduate Scholars Fellowship Award, University of Delaware
2019-2020   Graduate Scholars Fellowship Award, University of Delaware
2017   First Place Poster in Social Sciences at EURECA, Pennsylvania State University

RESEARCH

PUBLICATIONS

Hope, M. & Lilley, J. (2023). Differences in sibilant perception between gender expansive and cisgender listeners. Seminars in Speech and Language, 44(02). https://doi.org/10.1055/s-0043-1761950

Hope, M. & Lilley, J. (2022). Gender expansive listeners utilize a non-binary, multidimensional conception of gender to inform voice gender perception. Brain and Language, 224, 105049. https://doi.org/10.1016/j.bandl.2021.105049

Bradley, E., **Schmid, M.** & Lombardo, H. (2019). Personality, prescriptivism, and pronouns: Factors influencing grammaticality judgments of gender-neutral language. English Today, 35(4).

REFEREED CONFERENCE PROCEEDINGS

Szekely, E., **Hope, M.** (2024) An inclusive approach to creating a palette of synthetic voices for gender diversity. Proc. Interspeech 2024, 3070-3074, doi: 10.21437/Interspeech.2024-1543

Hope, M., Ward, C., Lilley, J. (2023). Nonbinary American English speakers encode gender in vowel acoustics. Proc. INTERSPEECH 2023 (pp. 4713-4717), doi: 10.21437/Interspeech.2023-1772

Hope, M. & Lilley, J. (2020). Cues for Perception of Gender in Synthetic Voices and the Role of Identity. In Proceedings of the 21st Annual Conference of the International Speech Communication Association (INTERSPEECH 2020), (pp. 4143–4147).

Schmid, M. & Bradley, E. (2019). Vocal pitch and intonation characteristics of those who are gender non-binary. In Sasha Calhoun, Paola Escudero, Marija Tabain & Paul Warren (eds.) Proceedings of the 19th International Congress of Phonetic Sciences, Melbourne, Australia 2019 (pp. 2685-2689). Canberra, Australia: Australasian Speech Science and Technology Association Inc.

CONFERENCE PRESENTATION

Sept. 2023	Oral presentation: "Nonbinary Voice Gender Encoding in Synthetic Voice: a Case Study", Symposium of the Pan American Vocology Association (PAVA), Miami, Florida
August 2023	Poster: "Nonbinary American English speakers encode gender in vowel acoustics", INTERSPEECH 2023, Dublin, Ireland
October 2022	Oral presentation: "Sibilant categorization differences between cisgender and gender expansive listeners", New Ways of Analyzing Variation (NWAV) 50, Hybrid
April 2022	Invited Panelist: "Gaps in Voice Care: Who's Not Getting Any?", Pan American Vocology Association (PAVA) conference, Virtual
Nov. 2021	Virtual Workshop (pre-recorded): "Voices United: Embracing Authentic Communication within the Gender Expansive Community through Online Group Exploration", American Speech-Language Hearing Association (ASHA) annual conference
October 2021	Poster: "Voice gender perception and its relationship to conception of gender", New Ways of Analyzing Variation (NWAV) 49, Virtual
October 2020	Oral presentation: "Cues for Perception of Gender in Synthetic Voices and the Role of Identity", INTERSPEECH 2020, Virtual
August 2019	Poster: "Vocal pitch and intonation characteristics of those who are gender non-binary" International Congress of Phonetic Sciences, Melbourne, Australia

TEACHING

COURSES

Semester	Course	Students	Role
Sum. 2024	Speech Science	8	Instructor/Lecturer
Fall 2023	Cognition	80	Graduate Teaching Assistant (TA)
Sum. 2023	Speech Science	8	Instructor/Lecturer
Fall 2020	Phonology	20	Graduate TA/Substitute Lecturer
Spring 2021	Intro. Linguistics	80	Graduate TA

| Spring 2019 | Psych. Research Methods | 40 | Graduate TA/Substitute Lecturer |

GUEST LECTURES

Semester	*Course*	*Lecture Topic*
Fall 2023	Phonetics	Diversity in Speech Production
Sum. 2022	Speech Science	Gender expansive speech perception and production
Fall 2021	Neuroscience of Speech	Social Speech Processing

MENTORSHIP, SUPERVISION & TRAINING

Years	*Student*	*Projects/Position*
2023	Amanda Bowman	M.S. Thesis in Speech-Language Pathology
2023	Vince Yonek	Undergraduate Research Training

SERVICE

Present	Committee member, Diversity Committee of the International Speech Communication Association (ISCA)
Present	Community Collaborator & Cultural Competency Trainer, Gender Expansive Voice & Communication Services, University of Delaware, STAR Campus, Speech-Language-Hearing Clinic
2024	Peer Reviewer, Journal of Speech-Language Hearing Research
2023	Peer Reviewer, Proceedings of the 2nd International Seminar on the Foundations of Speech
2022-2023	Lab manager, SpeechPhon (student-led speech and phonetics lab), University of Delaware

PROGRAMMING LANGUAGES & SKILLS

R/R Studio, Python/Jupyter Notebooks, MATLAB, SQL, PRAAT, BASH