

KIMBERLY DAHL

PhD CCC-SLP | Emerson College | Department of Communication Sciences & Disorders

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Education

PhD	Boston University	Speech, language, and hearing sciences <i>The effect of listener feedback on sensorimotor adaptation of articulation and prosody</i>	2025
MS	University of Rhode Island	Speech-language pathology <i>Correlating voice features of transgender women with ratings of femininity and gender</i>	2018
MA	University of Texas at Austin	Linguistics <i>Audience design and code-switching in Bayside, Texas</i>	2009
BA	University of Texas at Austin	Linguistics and Spanish, <i>summa cum laude</i>	2004

Academic appointments

Assistant professor	Department of Communication Sciences & Disorders Emerson College, Boston, MA	2025–
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Clinical experience

Massachusetts General Hospital , Boston, MA	2023
Center for Laryngeal Surgery and Voice Rehabilitation, Speech-language pathologist, per diem	
Oregon Health & Science University , Portland, OR	2019–20
NW Clinic for Voice & Swallowing, Department of Otolaryngology–Head & Neck Surgery, Clinical fellow	
Rhode Island Hospital , Providence, RI	2017
Rhode Island Hospital, Acute & Inpatient Rehabilitation, Medical extern	

Predoctoral research employment

Research fellow	2018–20
Boston University, Stepp Lab for Sensorimotor Rehabilitation Engineering	

Publications

Mentee

- Dahl, K.L.**, Díaz Cádiz, M., Bohland, J.W., Guenther, F.H., Huber, J.E., & Stepp, C.E. The effect of listener feedback on sensorimotor adaptation of articulation and prosody. [In preparation]
- Dahl, K.L.** & Stepp, C.E. Control trials are unnecessary to measure sensorimotor adaptation of fundamental frequency in typical speakers [Under revision]
- Ortega, R.B., Ibarra, E., Parra, J.A., Quinteros, N.F., **Dahl, K.L.**, Zañartu, M. (In press) Effects of cognitive load on vocal motor control: A model-based analysis in individuals with hyperfunctional and healthy voices. *Journal of Speech, Language, and Hearing, Research*.
- Dahl, K.L.**, Balz, M.A., Smith, K.M., & Stepp, C.E. (2026). Preliminary psychometric review of neurologists' speech ratings on the Unified Parkinson's Disease Rating Scale. *American Journal of Speech-Language Pathology*, 35(11), 170-179.. https://pubs.asha.org/doi/10.1044/2025_AJSLP-25-00168
- Buckley, D.P., **Dahl, K.L.**, Norotsky, R.L., Sauder, C., Tracy, L.F., & Stepp, C.E. (2025) Are auditory-perceptual evaluations of dysphonia by experienced voice clinicians affected by knowledge of speaker race? *American Journal of Speech-Language Pathology* 34(3), 1341-1351. doi.org/10.1044/2025_AJSLP-24-00355
- Dahl, K.L.**, Balz, M.A., Díaz Cádiz, M., & Stepp, C.E. (2024). How to efficiently measure the intelligibility of people with Parkinson's disease. *American Journal of Speech-Language Pathology*, 34(1), 70-84. doi.org/10.1044/2024_AJSLP-24-00080
- Howerton, C.E., Buckley, D.P., **Dahl, K.L.**, & Stepp, C.E. (2024) The effect of speaker head posture on auditory-perception of voice masculinity. *Journal of Voice*, ePub ahead of print. doi.org/10.1016/j.jvoice.2024.08.001
- Marks, K.L., **Dahl, K.L.**, & Stepp, C.E. (2024). The impact of foreign language accent on expert listeners' auditory-perceptual evaluations of dysphonia. *The Laryngoscope*, 134(5), 2272-2276. doi.org/10.1002/lary.31160

- Dahl, K.L.**, Díaz Cádiz, M., Zuk, J., Guenther, F.H., & Stepp, C.E. (2024). Controlling pitch for prosody: Sensorimotor adaptation in linguistically meaningful contexts. *Journal of Speech, Language, and Hearing Research*, 67(2), 440-454. doi.org/10.1044/2023_JSLHR-23-00460
- Dragicevic, D.A., **Dahl, K.L.**, Perkins, Z., Abur, D., & Stepp, C.E. (2024). Effects of a concurrent working memory task on speech acoustics in Parkinson's disease. *American Journal of Speech-Language Pathology*, 33(1), 418-434. doi.org/10.1044/2023_AJSLP-23-00214
- Norotsky, R.L., **Dahl, K.L.**, Cocroft, S., Sauder, C., Tracy, L.F., & Stepp, C.E. (2023). Does implicit racial bias affect auditory-perceptual evaluations of dysphonic voices? *Journal of Voice*, (40)3, 637-646. doi.org/10.1016/j.jvoice.2023.11.023
- Miller, H.E., Kearney, E., Nieto-Castañón, A., Falsino, R., Abur, D., Acosta, A., Chao, S-C., **Dahl, K.L.**, Franken, M., Heller Murray, E.S., Mollaei, F., Niziolek, C.A., Parrell, B., Perrachione, T., Smith, D.J., Stepp, C.E., Tomassi, N., & Guenther, F.H. (2023). Do not cut off your tail: A mega-analysis of responses to auditory perturbation experiments. *Journal of Speech-Language, and Hearing Research*, 66(11), 4315-4331. doi.org/10.1044/2023_JSLHR-23-00315
- Dahl, K.L.** & Stepp, C.E. (2023). Effects of cognitive stress on voice acoustics in individuals with hyperfunctional voice disorders. *American Journal of Speech-Language Pathology*, 32(1), 264-274. doi.org/10.1044/2022_AJSLP-22-00204.
- Groll, M.D., **Dahl, K.L.**, Díaz Cádiz, M., Welch, B., Tracy, L.F., & Stepp, C.E. (2022). Resynthesis of transmasculine voices to assess gender perception as a function of testosterone therapy. *Journal of Speech-Language, and Hearing Research*, 65(7), 2474-2489. doi.org/10.1044/2022_JSLHR-21-00482
- Dahl, K.L.**, François, F.A., Buckley, D.P., & Stepp, C.E. (2022). Voice and speech changes in transmasculine individuals following circumlaryngeal massage and laryngeal reposturing. *American Journal of Speech-Language Pathology*, 31(3), 1368-1382. doi.org/10.1044/2022_AJSLP-21-00245
- Dahl, K.L.**, Bolognone, R.K., Childes, J.M., Pryor, R.L., Graville, D.J., Palmer, A.D. (2022). Characteristics associated with communicative participation after total laryngectomy. *Journal of Communication Disorders*, 96, 106184. doi.org/10.1016/j.jcomdis.2022.106184
- Dahl, K.L.**, Weerathunge, H.R., Buckley, D.P., Dolling, A.S., Díaz Cádiz, M., Tracy, L.F., & Stepp, C.E. (2021). Reliability and accuracy of expert auditory-perceptual evaluations of voice via telepractice platforms. *American Journal of Speech-Language Pathology*, 30(6), 2446-2455. doi.org/10.1044/2021_AJSLP-21-00091
- Dahl, K.L.** & Stepp, C.E. (2021). Changes in relative fundamental frequency under increased cognitive load in individuals with healthy voices. *Journal of Speech, Language, and Hearing Research*, 64(4), 1189-1196. doi.org/10.1044/2021_JSLHR-20-00134
- Brown, K.M., **Dahl, K.L.**, Cler, G.J., & Stepp, C.E. (2021) Listener age and gender diversity: Effects on voice-based perception of gender. *Journal of Voice*, 35(5), 739-745. doi.org/10.1016/j.jvoice.2020.02.004
- Dahl, K.L.** & Mahler, L.A. (2020). Acoustic features of transfeminine voices and perceptions of voice femininity. *Journal of Voice*, 34(6), 961.e19-961.e26. doi.org/10.1016/j.jvoice.2019.05.012
- Buckley, D.P., **Dahl, K.L.**, Cler, G.J., & Stepp, C.E. (2020). Transmasculine voice modification: A case study. *Journal of Voice*, 34(6), 903-910. doi.org/10.1016/j.jvoice.2019.05.003
- Cler, G.J., McKenna, V.S., **Dahl, K.L.**, & Stepp, C.E. (2020). Longitudinal case study of transgender voice changes under testosterone hormone therapy. *Journal of Voice*, 34(5), 748-762. doi.org/10.1016/j.jvoice.2019.03.006

Conference presentations

*Presenting, Mentee

- Dahl, K.L.**,* Balz, M.A., Smith, K.M., & Stepp, C.E. (2025, Nov 20). Reliability and validity of neurologists' speech ratings on the Unified Parkinson's Disease Rating Scale. *ASHA Convention*, Washington, DC.
- Dahl, K.L.**,* Díaz Cádiz, M., & Stepp, C.E. (2025, Jun 26). The effect of listener feedback on sensorimotor adaptation of articulation and prosody. *The 16th International Conference on Advances in Quantitative Laryngology, Voice, and Speech Research* (AQL), Groningen, The Netherlands
- Howerton, C.E.* Buckley, D.P., **Dahl, K.L.**, & Stepp, C.E. (2024, Dec 7). The effects of head posture on the voice and listeners' perception of masculinity. *ASHA Convention*, Seattle, WA.
- Buckley, D.P.,* **Dahl, K.L.**, Norotsky, R.L., Sauder, C., Tracy, L.F., & Stepp, C.E. (2024, Oct 24). The impact of race on auditory-perceptual evaluations of dysphonic voices by experienced voice clinicians. *Fall Voice*, Phoenix, AZ.

- Dahl, K.L.,*** Díaz Cádiz, M., Zuk, J., Guenther, F. H., & Stepp, C. E. (2024, Feb 24). Controlling pitch for prosody: Sensorimotor adaptation in linguistically meaningful contexts. *Madonna Motor Speech Conference*, San Diego, CA.
- Dahl, K.L.*** & Stepp, C.E. (2023, Nov 17). Best practices for assessing intelligibility in speakers with dysarthria. *ASHA Convention*, Boston, MA.
- Norotsky, R.L.,* **Dahl, K.L.**, Cocroft, S., Sauder, C., Tracy, L.F., & Stepp, C.E. (2023, Oct 19-21). Does implicit racial bias affect auditory-perceptual evaluations of dysphonic voices? *Fall Voice*, Washington, DC.
- Dahl, K.L.,*** Weerathunge, H.R., Buckley, D.P., Dolling, A.S., Díaz Cádiz, M., Tracy, L.F., & Stepp, C.E. (2021, Nov 18). Reliability and accuracy of expert auditory-perceptual evaluations of voice via telepractice platforms. *ASHA Convention*, Hybrid: Washington, DC/Virtual.
- Dahl, K.L.,*** Weerathunge, H.R., Buckley, D.P., Dolling, A.S., Díaz Cádiz, M., Tracy, L.F., & Stepp, C.E. (2021, Jun 7). Reliability and accuracy of expert auditory-perceptual evaluations of voice via telepractice platforms. *The 14th International Conference on Advances in Quantitative Laryngology, Voice, and Speech Research (AQL)*, Virtual.
- Dahl, K.L.,*** François, F.A., Buckley, D.P., & Stepp, C.E. (2021, Jun 2). Voice changes in transmasculine individuals following circumlaryngeal massage and laryngeal reposturing. *Voice Foundation 50th Annual Symposium*, Philadelphia, PA.
- Dahl, K.L.,*** Bolognone, R.K., Childes, J.M., Pryor, R.L., Graville, D.J., & Palmer, A.D. (2020, Nov 21). Characteristics associated with communicative participation after total laryngectomy. *InHealth Laryngectomy Conference*. Virtual.
- Dahl, K.L.,*** Cler, G.J., McKenna, V.S., & Stepp, C.E. (2019, Jun 2). Effects of voice changes under testosterone therapy on listener perception of gender: A transgender case study. *The 13th International Conference on Advances in Quantitative Laryngology, Voice and Speech Research (AQL)*. Montreal, QC, Canada.
- Groll, M.D.,* Buckley, D.P., **Dahl, K.L.**, & Stepp, C.E. (2019, Jun 2). The effects of laryngeal massage and nebulized saline on high-voice users. *The 13th International Conference on Advances in Quantitative Laryngology, Voice and Speech Research (AQL)*. Montreal, QC, Canada.
- Dahl, K.L.*** & Mahler, L.A. (2018, Oct 25). Correlating speech and voice features of transgender women with ratings of voice femininity. *Fall Voice*. Seattle, WA.

Posters

*Presenting, Mentee

- Dahl, K.L.*** & Stepp, C.E. (2026, Feb 25). Controlling for natural variation in fundamental frequency is unnecessary to measure vocal motor learning. *Conference on Motor Speech*, Tempe, AZ.
- Johnson, A.,* **Dahl, K.L.**, Cler, G.J. (2024, Dec 7). Assessing relative fundamental frequency in moments of dysfluency. *ASHA Convention*, Seattle, WA.
- Dahl, K.L.,*** Díaz Cádiz, M., & Stepp, C.E. (2024, Feb 23). Quantity of speech presented to listeners affects estimates of the intelligibility of people with Parkinson's disease. *Madonna Motor Speech Conference*, San Diego, CA.
- Marks, K.L.,* **Dahl, K.L.**, & Stepp, C.E. (2023, May 3). The impact of foreign language accent on expert listeners' auditory-perceptual evaluations of dysphonia. *American Laryngological Association Annual Meeting*. Boston, MA.
- Dahl, K.L.,*** Díaz Cádiz, M., & Stepp, C.E. (2023, Apr 1). Controlling pitch for prosody: Sensorimotor adaptation in linguistically meaningful contexts. *The 15th International Conference on Advances in Quantitative Laryngology, Voice, and Speech Research (AQL)*. Phoenix, AZ.
- Dragicevic, D.A.,* **Dahl, K.L.**, & Stepp, C.E. (2023, Apr 1). Effects of a concurrent working memory task on speech acoustics in Parkinson's disease. *The 15th International Conference on Advances in Quantitative Laryngology, Voice, and Speech Research (AQL)*. Phoenix, AZ.
- Dahl, K.L.*** & Stepp, C.E. (2022, Jun 1). Effects of cognitive load on voice acoustics in individuals with hyperfunctional voice disorders. *Voice Foundation Symposium*, Philadelphia, PA.
- Dahl, K.L.,*** Graville, D.J., Bolognone, R.K., Childes, J.M., Pryor, R.L., & Palmer, A.D. (2021, Nov 18). Characteristics associated with communicative participation after total laryngectomy. *ASHA Convention*. Washington, DC/Virtual.
- Dahl, K.L.*** & Stepp, C.E. (2020, Dec 14). Relative fundamental frequency under increased cognitive load in speakers with healthy voices. *The 12th International Seminar on Speech Production (ISSP)*. Virtual.
- Buckley, D.P.,* **Dahl, K.L.**, Cler, G.J., & Stepp, C.E. (2019, Oct 18). Transmasculine voice modification: A case study. *Fall Voice*. Dallas, TX.

- Dahl, K.L.*** & Stepp, C.E. (2019, Jun 2). The effect of cognitive load on acoustic measures of voice in individuals with hyperfunctional voice disorders. *The 13th International Conference on Advances in Quantitative Laryngology, Voice and Speech Research (AQL)*. Montreal, QC, Canada.
- Dahl, K.L.*** & Mahler, L.A. (2018, Nov 15). Correlating speech and voice features of transgender women with ratings of voice femininity. *ASHA Convention*. Boston, MA.
- Dahl, K.L.*** & Mahler, L.A. (2018, Aug 3). Correlating speech and voice features of transgender women with ratings of gender and femininity. *WPATh Graduate Research Symposium*. Philadelphia, PA.
- Dahl, K.L.*** & Mahler, L.A. (2018, May 2). Correlating speech and voice features of transgender women with ratings of gender and femininity. *Academic Health Collaborative Research Symposium*. Kingston, RI.

Invited talks

- Dahl, K.L.** (2025, Jun 13). Effects of listener feedback on speech motor learning for articulation and prosody. *Boston Speech Motor Control Symposium*, Boston, MA.
- Dahl, K.L.** (2024, Sep 3). Best practices for assessing intelligibility in speakers with dysarthria. *Speechpathology.com*, virtual.
- Weerathunge, H.R., Kiefer, B.R., Seviz, J.S., **Dahl, K.L.**, Huber, J.E. (2022, Nov 17). Using telepractice for the assessment of dysarthria and dysphonia. *ASHA Convention*, New Orleans, LA. [Non-presenting author]
- Dahl, K.L.** (2021, Feb 25). Auditory and speech research online. *Gorilla Experiment Builder Presents*. [Panelist].
- Dahl, K.L.** (2021, Jan 22). Did you know you could conduct behavioral experiments online with Gorilla? *Hariri Institute for Computing's "Did you know you could..." series*.

Other presentations

- Dahl, K.L.** (2024, Jan 26) A practical guide to gender-affirming voice care. *First Event 2024*. Boston, MA.
- Dahl, K.L.**, Díaz Cádiz, M., & Stepp, C.E. (2023, Oct 16). Quantity of speech presented to listeners affects estimates of the intelligibility of people with Parkinson's disease. *Boston Speech Motor Control Working Group*, Boston, MA.
- Dahl, K.L.** (2018, Aug 3) Voice and identity. *Philadelphia Trans Wellness Conference*. Philadelphia, PA.
- Dahl, K.L.** (2018, Feb 3) Voice and identity. *First Event 2018*. Boston, MA.

Classroom teaching

Emerson College, Department of Communication Sciences & Disorders

Motor speech disorders (CD650, graduate, 3 credits)	Since Spring 2026
Voice disorders (CD677, graduate, 3 credits)	Since Fall 2025
Anatomy & physiology of speech, hearing, & swallowing (CD234, undergraduate, 4 credits)	Since Fall 2025

Boston University, Department of Speech, Language, & Hearing Sciences

Research methods (SH700, graduate, 1 credit)	Fall 2023
[Guest lecture] Prosody, Speech science (SH523, undergraduate)	Fall 2022
[Guest lecture] Gender-affirming voice training, Intro to clinical practicum (SH740, graduate)	Spring 2019

University of Rhode Island, Department of Communicative Disorders

[Guest lecture] Gender-affirming voice training, Voice disorders (CMD560, graduate)	Spring 2018
[Guest lecture] Quasi-experimental research, Research methods (CMD504, graduate)	Spring 2018
[Teaching assistant] Clinical phonetics (CMD 273, undergraduate)	Fall 2016

Research mentoring

Dissertation—committee member

Daria Dragicevic — Speech, language, & hearing sciences, Boston University [member]	2026
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Master's thesis—chair

Sam Landers ^a — speech-language pathology, Emerson College	2027
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^aSupervised successful application for funding via ASHA's Students Preparing for Academic-Research Careers (SPARC) Award

Master's thesis—committee member

Rocío Ortega Vargas — electronic engineering, Universidad Técnica Federico Santa María	2026
Rachel Norotsky — speech-language pathology, Boston University	2023
Shannon Lee — speech-language pathology, Boston University	2022
Felicia François — speech-language pathology, Boston University	2021

Other graduate research supervision

Claire Howerton — speech-language pathology, Boston University	2023–24
Shayna Plotnik — speech-language pathology, Boston University	2023–24
Jen Weston — speech-language pathology, Boston University	2022–23
Kristen Ho — speech-language pathology, Boston University	2020–22

Undergraduate research supervision

Kayla Sweeney — communication disorders, Emerson College	2025–26
Fizaan Muhammad — biology, Boston University	2024–25
Naser Salas-Husain — data science, Boston University	2024–25
Laura Raiff ^b — biomedical engineering, Boston University	2020–21
Austin Luong — biomedical engineering, Boston University	2020–21
Samantha Shank ^b — speech-language pathology, Boston University	2018–19

^bSupervised successful applications for funding via Boston University's Undergraduate Research Opportunities Program

Awards & honors**Research awards & honors**

F31 Ruth L. Kirschstein National Research Service Award Individual Predoctoral Fellowship	2023–26
National Institute on Deafness and Other Communication Disorders	
Project: <i>Articulatory and prosodic sensorimotor adaptation in speaker-listener interactions</i> (DC021080, PI: Dahl)	
CAPCSD PhD Scholarship	2023
Council of Academic Programs in Communication Sciences and Disorders	
New Century Scholars Doctoral Scholarship	2021
American Speech-Language-Hearing Foundation	
Clinical Research Award —2 nd place	2020
Oregon Academy of Otolaryngology/Head & Neck Surgery	
Project: <i>Characteristics associated with communicative participation after total laryngectomy</i>	
T32 Training Grant Fellow	2020–22
Boston University, National Institute on Deafness and Other Communication Disorders (DC013017, PI: Stepp)	

Travel awards

Research Mentoring Pair Travel Award	2021
American Speech-Language-Hearing Association (ASHA); Mentor: Adrienne Hancock, PhD, CCC-SLP	
Graduate Student Association Travel Grant	2016, 2017
University of Rhode Island	
Graduate Assistants United Grant	2016
University of Rhode Island	

Other awards & honors

Fellowship for Higher Education	2026–2027
Marion and Jasper Whiting Foundation	
Project: <i>Enhancing clinical expertise through immersive observation at Mayo Clinic Rochester</i>	
ANCDs Student Fellowship	2025
Academy of Neurologic Communication Disorders and Sciences	

Graduate Tuition Scholarship University of Rhode Island	2017
Communication Disorders Scholarship Sertoma Foundation	2017
Patricia M. Stephens Memorial Scholarship Rhode Island Speech-Language-Hearing Association	2017
Graduate Student Assembly Film & Photography Showcase —finalist University of Texas at Austin <i>Bilingualism in Bayside, Texas</i> [documentary short]	2009
Graduate Tuition Award University of Texas at Austin	2007

Service

National & international

• ASHA Convention topic committee Motor speech disorders across the lifespan	2026
• Voice & communication certification committee World Professional Association for Transgender Health	2023–24
• ASHA Practice Portal Subject matter expert, gender-affirming voice care (public page)	2021
• ASHA Convention topic committee member Voice & upper airway issues	2021
• ASHA Convention Community Day voice screener	2018
• ASHA Practice Portal Subject matter expert, gender-affirming voice care (clinician page)	2018

University

Boston University

• Boston Speech Motor Control Working Group, organizer	2022–23
• Sargent College Committee on Academic Policies and Procedures, graduate student representative	2022–23
• Boston Speech Motor Control Symposium, program & organizing committee	2021–23

Oregon Health & Science University

• Pacific Northwest Laryngectomy Conference, volunteer	2019
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University of Rhode Island

• Graduate Student Advisory Council, College of Health Sciences	2017
• Graduate Student Conference. moderator	2016

University of Texas

• Symposium About Language & Society–Austin XVII, abstract review committee	2009
• Associated Students of Linguistics, executive committee	2007

Journal reviewer, ad hoc

• International Journal of Speech-Language Pathology	Since 2025
• Biology	Since 2025
• American Journal of Speech-Language Pathology	Since 2023
• International Journal of Language and Communication Disorders	Since 2022
• Journal of Speech, Language, and Hearing Research	Since 2021
• Journal of Voice	Since 2020

Media

Dahl, K.L.,* Lang, J.R.,* & Warner-Garcia, S.* (2008). Bilingualism in Bayside, Texas [motion picture]. United States: Texas English Project, University of Texas at Austin. youtu.be/bTFds-BQjUc. In online companion for Wolfram & Schilling's *American English: Dialects and Variation*, 2015. * Equal authorship

Licensing & certification

Certificate of Clinical Competence, Speech-Language Pathology, ASHA (14196278)
State licensure: Massachusetts (SLP100118), Rhode Island (SP01573)
Unified Parkinson's Disease Rating Scale, Movement Disorder Society

Professional memberships

American Speech-Language-Hearing Association
Association of Neurologic Communication Disorders and Sciences
World Professional Association for Transgender Health
The Voice Foundation

Languages

Spanish (advanced), Portuguese (intermediate)