

Curriculum Vitae
Daniel P. Buckley, MS, CCC-SLP

Lecturer, Boston University

Assistant Professor, Otolaryngology, Head & Neck Surgery, Boston University School of Medicine

Academic Training:

5/2013 B.M. Boston Conservatory, Boston, MA; Voice Performance
8/2016 M.S. Massachusetts General Hospital Institute of Health Professions, Boston, MA;
Communication Sciences and Disorders; Clinical concentration: Voice disorders

Additional Training:

9/2016-9/2017 Clinical Fellowship in Voice, Swallowing, and Upper Airway Disorders, USC
Voice Center, Keck Hospital, University of Southern California, Los Angeles, CA;
CCC-SLP; Completed under the mentorship of Edie Hapner, PhD, Michael
Johns, MD, Karla O'Dell, MD, and Lindsay Reder, MD

Academic Appointments:

9/2022-present Lecturer, Department of Speech, Language, & Hearing Sciences, Sargent
College of Boston University, Boston, MA
11/2022-present Assistant Professor, Otolaryngology, Head & Neck Surgery, Boston University
School of Medicine, Boston, MA

Hospital Appointments or Other Employment:

9/2017-8/2022 Research Fellow, Improvement in the acoustic and objective assessment of
voice disorders, Stepp Lab for Sensorimotor Rehabilitation Engineering, Boston
University, Boston, MA
11/2017-present Speech-Language Pathologist, Department of Otolaryngology, Center for Voice
and Swallowing, Boston Medical Center, Boston, MA
1/2018-present Clinical Supervisor, Academic Voice Clinic, Department of Speech, Language, &
Hearing Sciences, Sargent College of Boston University, Boston, MA
9/2022-present Faculty Research Speech-Language Pathologist, Stepp Lab for Sensorimotor
Rehabilitation Engineering, Boston University, Boston, MA

Licenses and Certifications:

7/2012-8/2012 Berlin School of English, University of Cambridge, Berlin, Germany; Certificate in
Teaching English to Speakers of Other Languages (CELTA)
9/2016-9/2019 California Speech-Language Pathology License; #26195
7/2017 Myofascial Release and Manual Therapy Training
9/2017 Certificate of Clinical Competence in Speech-Language Pathology, American
Speech-Language-Hearing Association; #14243767
7/2018 Estill Voice Training, Levels 1 and 2
10/2017-present Massachusetts Speech-Language Pathology License; #76704
5/2021-present Speak OUT! Provider Certification
10/2021-8/2023 Vermont Speech-Language Pathology License; #144.0134415
8/2022-present Maine Speech-Language Pathology License; SP3770

Teaching Experience and Responsibilities:

1/2018-5/2018 SH-741, Clinical Practicum: Speech and Language, Boston University Voice
Clinic Clinical Instructor/Supervisor, Boston University
9/2018-present Lecturer, Department of Speech, Language, & Hearing Sciences, Sargent
College of Boston University, Boston, MA, USA

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5/2018-9/2018	SH-741, Clinical Practicum: Speech and Language, Boston University Voice Clinic, Clinical Instructor/Supervisor, Boston University
9/2018-12/2018	SH733, Voice and Resonance Disorders, Boston University, Instructor
9/2018-12/2019	SH741, Clinical Practicum: Speech and Language, Boston University Voice Clinic, Clinical Instructor/Supervisor, Boston University
1/2020-5/2020	SH741, Clinical Practicum: Speech and Language, Boston University Voice Clinic, Clinical Instructor/Supervisor, Boston University
5/2020-8/2020	SH741, Clinical Practicum: Speech and Language, Boston University Voice Clinic, Clinical Instructor/Supervisor, Boston University
9/2020-12/2020	SH733, Voice and Resonance Disorders, Boston University, Instructor
9/2020-12/2020	SH741, Clinical Practicum: Speech and Language, Boston University Voice Clinic, Clinical Instructor/Supervisor, Boston University
1/2021-5/2021	SH741, Clinical Practicum: Speech and Language, Boston University Voice Clinic, Clinical Instructor/Supervisor, Boston University
5/2021-8/2021	SH741, Clinical Practicum: Speech and Language, Boston University Voice Clinic, Clinical Instructor/Supervisor, Boston University
2018-present	Regular instruction of flexible and rigid laryngoscopy to graduate students of speech-language pathology, both laryngovideostroboscopy and fiberoptic endoscopic evaluation of swallowing (FEES), Department of Otolaryngology, Boston Medical Center, Boston, MA
9/2018-present	Instruct graduate student interns on the use of Phonation Resistance Training Exercises (PhoRTE) in patients with presbyphonia, Department of Otolaryngology, Boston Medical Center, Boston, MA
9/2021-present	Train graduate students on the speech-language pathologist's role in gender affirming voice care with transgender and gender diverse individuals, Department of Otolaryngology, Boston Medical Center, Boston, MA
9/2021-12/2021	SH733, Voice and Resonance Disorders, Boston University, Instructor
9/2021-12/2021	SH741, Clinical Practicum: Speech and Language, Boston University Voice Clinic, Clinical Instructor/Supervisor, Boston University
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1/2024-5/2024	SH741, Clinical Practicum: Speech and Language, Boston University Voice Clinic, Clinical Instructor/Supervisor, Boston University
9/2024-12/2024	SH733, Voice and Resonance Disorders, Boston University, Instructor

Honors:

Institutional

9/2009-5/2013 Boston Conservatory Merit Award, Boston, MA

Other Professional Activities:

Professional Societies: Memberships, Offices, and Committee Assignments:

Institutional:

Boston University, Department of Speech, Language, and Hearing Sciences, Sargent College
2019-present Ad hoc Graduate Student Thesis Committee Member
9/2021-12/2021 Assistant advisor for graduate thesis entitled “The effects of singing voice training on cepstral peak prominence and other acoustic measures of voice”
9/2021-present Assistant advisor for graduate thesis entitled “The effects of head position on the perception of vocal gender”

National:

2017-present Member, American Speech, Language, and Hearing Association
2017-present American Speech, Language and Hearing Association, SIG #3, Voice Disorders
1/2024-10/2024 Co-chair, The Fall Voice Conference, SLP Pre-conference

Editorial Boards:

Ad Hoc Reviewing

2020-present Reviewer, *Journal of Voice*

Other Support:

Current:

7/2021-6-2026 NIH NIDCD R01 DC015570-6 PI: Cara Stepp, PhD
Objective measures for clinical assessment of voice disorders
Cost, Total: \$3,421,896
Role: Co-I

Bibliography:

ORCID: <https://orcid.org/0000-0003-3869-8240>

Original, Peer Reviewed Articles:

1. Vojtech, J.M., Segina, R.K., **Buckley, D.P.**, Kolin, K., Tardif, M.C., Noordzij, J.P., Stepp, C.E. (2019). Refining algorithmic estimation of relative fundamental frequency: Accounting for sample characteristics and fundamental frequency estimation method. *The Journal of the Acoustical Society of America*, 146(5), 3184-3202.
2. **Buckley, D.P.**, Dahl, K., Cler, G., Stepp, C.E. (2020). Transmasculine voice modification: A case study. *Journal of Voice*, 34(6), 903-910.
3. **Buckley, D.P.**, Cadiz, M., Eadie, T., Stepp, C.E. (2020). Acoustic Model of perceived overall severity of dysphonia in adductor-type laryngeal dystonia. *Journal of Speech, Language, and Hearing Research*, 63(8).
4. Rohlfing, R.L., **Buckley, D.P.**, Paraquive, J., Stepp, C.E., Tracy, L.F. (2021). Hey Siri: How effective are common voice recognitions systems at recognizing dysphonic voices? *The Laryngoscope*, 131(7), 1599-1607.
5. Vojtech, J.M., Cilento, D.D., Luong, A.T., Noordzij, J.P., Jr., Diaz-Cadiz, M. Groll, M.D. **Buckley, D.P.**, McKenna, V.S., Noordzij, J.P., Stepp, C.E. (2021). Acoustic identification of the voicing boundary during intervocalic offsets and onsets based on vocal fold vibratory measures. *Applied Sciences*, 11(19).

6. Dahl, K.L., Weerathunge, H.R., **Buckley, D.P.**, Dolling, A.S., Diaz-Cadiz, M.E., 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.
7. **Buckley, D.P.**, Vojtech, J.M., & Stepp, C.E. (2021). Relative fundamental frequency in individuals with globus syndrome and muscle tension dysphagia. *Journal of Voice*.
8. Groll, M.D., Vojtech, J.M., Hablani, S., **Buckley, D.P.**, Mehta, D.D., Noordzij, J.P., Stepp, C.E. (2022). Automated relative fundamental frequency algorithms for use with neck-surface accelerometer signals. *Journal of Voice*, 36(2), 156-169.
9. Kapsner-Smith, M.R., Diaz Cadiz, M.E., Vojtech, J.M., **Buckley, D.P.**, Mehta, D.D., Hillman, R.E., Tracy, L.F., Noordzij, J.P., Eadie, T.L., & Stepp, C.E. (2022). Clinical cutoff scores for acoustic indices of vocal hyperfunction that combine relative fundamental frequency and cepstral peak prominence. *Journal of Speech, Language, and Hearing Research*.
10. Tomassi, N.E., Castro, M.E., Timmons Sund, L., Diaz-Cadiz, M.E., **Buckley, D.P.**, Stepp, C.E. (2023). Effects of sidetone amplification on vocal function during telecommunication. *Journal of Voice*, 37(4), 553-560.
11. Dahl, K.L., Francois, 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.
12. Marks, K.L., Diaz, M.E., Toles, L.E., **Buckley, D.P.**, Tracy, L.F., Noordzij, J.P., Grillone, G.A., Stepp, C.E. (2023). Automated creak differentiates adductor laryngeal dystonia and muscle tension dysphonia. *The Laryngoscope*. 133(10), 2687-2694
13. **Buckley, D.P.**, Abur, D.E., Stepp, C.E. (2023). Normative values of cepstral peak prominence measures in typical speakers by sex, speech stimuli, and software type across the lifespan. *American Journal of Speech-Language Pathology*, 32(4), 1565-1577.
14. **Buckley, D.P.**, Borders, J.C., Pisegna, J.M. (2024). Muscle Tension Dysphagia: An Expanded Investigation of Clinical Presentations and Swallowing Kinematics. *American Journal of Speech-Language Pathology*, 1-9.
15. Howerton, C. E., **Buckley, D. P.**, Dahl, K. L., & Stepp, C. E. (2024). The Effects of speaker head posture on auditory perception of vocal masculinity. *Journal of Voice*. S0892-1997(24)00249-2. In press.
16. Velu, P., Tran, A., **Buckley D.P.**, Kariveda, R., Agarwal, P., Tracy, L.F. The impact of patient factors on attendance at remote telehealth voice therapy. (Accepted, 2024). *Journal of Voice*.

Case Reports, Reviews, Chapters, and Editorials:

Textbook Chapters:

1. Dwyer, D.D., **Buckley, D.P.**, Noordzij, J.P. "Upper Airway Disorders: Cough and Inducible Laryngeal Obstruction" in: *Bailey's Head & Neck— Otolaryngology, 6th Edition*. Lippincott Williams and Wilkins (LWW); 2022.
2. **Buckley, D.P.**, Francois, F.A. "Gender affirming voice care for a transmasculine man on hormone replacement therapy (HRT)" in: *Voice Therapy Clinical Case Studies, 6th Edition*. In Progress.

Invited lectures, conference oral presentations and workshops:

Invited Lectures

Institutional:

- July 18, 2017 “Deep breathing and visualization strategies for pain management in head and neck cancer and voice and swallowing disorders”. World Head and Neck Cancer Day. University of Southern California. Keck Hospital of USC. Los Angeles, CA
- Aug. 14, 2017 “Considerations for SLPs working with singers”. University of Southern California. Keck Hospital of USC. Los Angeles, CA.

Regional/Local:

- May 10, 2017 “Inspiratory muscle strength training in patients with paradoxical vocal fold motion”. Southern California Voice Journal Club. Los Angeles, CA.
- May 4, 2018 “Vocal health for the singer: voice mechanics, vocal hygiene, and dispelling vocal myths”. Walnut Hill School for the Arts. Natick, MA.
- Aug. 14, 2021 “Reliability of expert auditory-perceptual evaluations of voice via telepractice platforms”. Edie Hapner Clinical Fellow Conference Day. (Virtual) Tuscaloosa, AL.
- Sept. 24, 2021 “Vocal health for the singer: Voice science meets voice practice”. Walnut Hill School for the Arts. Natick, MA.

Conference Oral Presentations

Regional/Local:

- March 17, 2017 “Demystifying voice therapy”. California Speech and Hearing Association Convention. Co-Presenter: Edie Hapner, PhD. Pasadena, CA.

National:

- Oct. 19, 2019 “Muscle tension dysphagia: An expanded clinical picture”. The Fall Voice Conference.
- April 22, 2020 “Hey Siri: How effective are common voice recognitions systems at recognizing dysphonic voices?”. American Laryngological Association Annual Meeting. Co-author; presenter: Matthew Rohlfing. Atlanta, GA.
- Oct 24, 2024 “Muscle tension dysphagia: An expanded investigation of clinical presentations and swallowing kinematics”. The Fall Voice Conference. Phoenix, AZ.
- Oct 24, 2024 The impact of race on auditory-perceptual evaluations of dysphonic voices by experiences voice clinicians. The Fall Voice Conference. Phoenix, AZ.

International:

- June 3, 2019 “The effects of laryngeal massage and nebulized saline on high-level voice users”. International Conference on Advances in Quantitative Laryngology, Voice and Speech Research. Co-author; presenter: Matti Groll. Montreal, Canada.
- June 7, 2021 “Reliability of expert auditory-perceptual evaluations of voice via telepractice platforms”. 14th International Conference on Advances in Quantitative Laryngology, Voice and Speech Research. Co-author; presenter: Kimberly Dahl. (Virtual) Bogota, Colombia.
- June 8, 2021 “Acoustic identification of the voicing boundary during intervocalic offsets and onsets based on vocal fold vibratory measures”. 14th International Conference on Advances in Quantitative Laryngology, Voice and Speech Research. Co-author; presenter: Jennifer Vojtech. (Virtual) Bogota, Colombia.

Workshops

Institutional:

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Feb 12, 2018 "Semi-Occluded Vocal Tract Tasks (SOVT) and Laryngeal Manual Therapy: Techniques and Methods for Implementation in Voice Therapy". University of Southern California. Keck Hospital of USC. Los Angeles, CA.

Feb 9-10, 2017 USC Voice Center Stroboscopy and Fees Course, 3 days, Clinical Instructor

Feb 10-11, 2018 USC Voice Center Voice Therapy Course, 2 days, Clinical Instructor

Feb 11-12, 2018 USC Voice Center Stroboscopy and Fees Course, 3 days, Clinical Instructor