

Mara Kapsner-Smith, Ph.C., CCC-SLP

Doctoral Candidate

Dept. of Speech and Hearing Sciences, University of Washington

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EDUCATION

- Ph.D. Speech and Hearing Sciences, University of Washington
2018-present Seattle, WA
Dissertation: Examining the Links Among Motor Symptoms in Vocal Hyperfunction, Auditory Acuity, and Auditory-Motor Function
Anticipated Defense: 2023
- M.S. Medical Speech-Language Pathology, University of Washington
2009 Seattle, WA
Thesis: The Effects of Listener Experience and Auditory Anchors on Auditory-Perceptual Judgments of Dysphonic Voices
- B.A. Spanish and Portuguese Studies, University of Minnesota
2002 Minneapolis, MN
summa cum laude

GRANT FUNDING AND SCHOLARSHIPS

Date Awarded

- 06/16/2022– Predoctoral Fellow, University of Washington
- 06/15/2025 NIH (NIDCD), 1F31DC020359-01A1, M. Kapsner-Smith (PI)
“Examining the Links Among Motor Symptoms in Vocal Hyperfunction, Auditory Acuity, and Auditory-Motor Function”
- Theoretical training in models of speech sensorimotor control and psychoacoustics
 - Methodological training including surface electromyography, auditory perturbation of voice signals, psychoacoustic assessment, MATLAB coding
- 04/08/2022 Offered trainee position (declined), University of Washington
NIH (NCATS), 2TL1TR002318-06, H. Thompson (PI)
“NRSA Training Core”
- 06/16/2020– Predoctoral Trainee, University of Washington
- 06/15/2022 NIH (NIDCD), 2T32DC005361-15, D. Perkel (PI)
“Auditory Neuroscience Training Program”
- Theoretical training in the neuroscience of hearing, balance, and speech
 - Methodological training including acoustic measurement of voice, auditory perturbation of voice and speech signals, use of MATLAB scripts for data acquisition and analysis
- 11/22/2019 New Century Doctoral Scholarship recipient
American Speech-Language-Hearing Foundation
- \$10,000

HONORS AND AWARDS

2023	University of Washington Graduate & Professional Student Senate Travel Grant
2022	David W. Brewer Award for Best Poster, "Clinical Cutoff Scores for an Acoustic Index of Vocal Hyperfunction that Combines Relative Fundamental Frequency and Cepstral Peak Prominence," The Voice Foundation
2022	Lesley B. & Steven G. Olswang Endowed Graduate Student Conference Fund Award
2021	Pathways mentee, American Speech-Language-Hearing Association
2018	Meritorious Poster Submission, "Communicative Participation and Quality of Life in Pre-treatment Head and Neck Cancer Patients," American Speech-Language-Hearing Association
2018	Poster of Distinction, "Communicative Participation in Pre-treatment Head and Neck Cancer Patients," American Head and Neck Society
2011	Michael and Helen Schaffer Foundation Scholarship in Laryngectomy Care and Voice Rehabilitation
2007	Students Preparing for Academic & Research Careers (SPARC) Award, American Speech-Language-Hearing Association
2002	Phi Beta Kappa
2000	National Society of Collegiate Scholars
1998	National Merit Scholar

PUBLICATIONS

Peer-Reviewed Journal Articles

- 19 Sauder, C., **Kapsner-Smith, M.**, Simmons, E., Meyer, T., Doyle, P., & Eadie, T. (In Press). The effect of rating method on reliability of judgments of strain across populations. *American Journal of Speech-Language Pathology*.
- 18 **Kapsner-Smith, M.**, Abur, D., Eadie, T., & Stepp, C. (In Press). Test-retest reliability of behavioral assays of feedforward and feedback auditory-motor control of voice and articulation. *Journal of Speech, Language, and Hearing Research*.
- 17 **Kapsner-Smith, M.**, Díaz-Cádiz, M., Vojtech, J., Buckley, D., Mehta, D., Hillman, R., Tracy, L., Noordzij, J.P., Eadie, T., & Stepp, C. (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*, 65(4), 1349-1369.

- 16 **Kapsner-Smith, M.**, Opuszynski, A., Stepp, C., & Eadie, T. (2021). The effect of visual sort and rate versus visual analog scales on the reliability of judgments of dysphonia. *Journal of Speech, Language, and Hearing Research*, 64(5), 1571-1580.
- 15 Baylor, C., Merati, A., Eadie, T., **Kapsner-Smith, M.**, Meyer, T., Britton, D., Mach, H., & Yorkston, K. (2021). Sensitivity of the Communicative Participation Item Bank (CPIB) for measuring patient-reported outcomes in unilateral vocal fold paralysis. *JAMA Otolaryngology – Head and Neck Surgery*, 147(11), 933-942.
- 14 Yorkston, K., Baylor, C., Eadie, T., & **Kapsner-Smith, M.** (2021). Perceptions regarding communicative participation in individuals receiving botulinum toxin injections for laryngeal dystonia. *International Journal of Language & Communication Disorders*, 56(6), 1296-1315.
- 13 Abur, D., Subaciute, A., **Kapsner-Smith, M.**, Segina, R. K., Tracy, L., Noordzij, J. P., & Stepp, C. E. (2021). Impaired auditory discrimination and sensorimotor integration in hyperfunctional voice disorders. *Scientific Reports*, 11(1), 1-11.
- 12 Eadie, T., Durr, H., Sauder, C., Nagle, K, **Kapsner-Smith, M.**, & Spencer, K. (2021). Effect of noise on speech intelligibility and perceived listening effort in head and neck cancer. *American Journal of Speech-Language Pathology*.
- 11 Sauder, C., **Kapsner-Smith, M.**, Baylor, C., Yorkston, K., Futran, N., & Eadie, T. (2021). Communicative participation and quality of life in pretreatment oral and oropharyngeal head and neck cancer. *Otolaryngology–Head and Neck Surgery*, 164(3), 616-623.
- 10 Sauder, C., Nevdahl, M., **Kapsner-Smith, M.**, Merati, A., & Eadie, T. (2020). Does the accuracy of case history affect interpretation of videolaryngostroboscopic exams?. *The Laryngoscope*, 130(3), 718-725.
- 9 Ragan, K. & **Kapsner-Smith, M.** (2019). Voice pedagogy: Vehicular vocalizing to start your day. *Journal of Singing*, 76(2), 165-170.
- 8 Eadie, T., **Kapsner-Smith, M.**, Bolt, S., Sauder, C., Yorkston, K., & Baylor, C. (2018). Relationship between perceived social support and patient-reported communication outcomes across communication disorders: a systematic review. *International journal of language & communication disorders*, 53(6), 1059-1077.
- 7 Eadie, T., Faust, L., Bolt, S., **Kapsner-Smith, M.**, Pompon, R. H., Baylor, C., Futran, N., & Méndez, E. (2018). Role of psychosocial factors on communicative participation among survivors of head and neck cancer. *Otolaryngology Head and Neck Surgery*, 159(2), 266-273.
- 6 Eadie, T. L., Otero, D., Bolt, S., **Kapsner-Smith, M.**, & Sullivan, J. R. (2016). The effect of noise on relationships between speech intelligibility and self-reported communication measures in tracheoesophageal speakers. *American Journal of Speech- Language Pathology*, 25(3), 393-407.
- 5 **Kapsner-Smith, M.**, Hunter, E. J., Kirkham, K., Cox, K., & Titze, I. R. (2015). A randomized controlled trial of two semi-occluded vocal tract voice therapy protocols. *Journal of Speech, Language, and Hearing Research*, 58(3), 535-49.

- 4 Maxfield, L., Titze, I., Hunter, E., & **Kapsner-Smith, M.** (2015). Intraoral pressures produced by thirteen semi-occluded vocal tract gestures. *Logopedics, Phoniatrics, Vocology*, 40(2), 86-92.
- 3 Hunter E. J., **Kapsner-Smith, M.**, Pead P., Engar M. Z., & Brown W. (2012). Age and speech production: a 50-year longitudinal study. *Journal of the American Geriatrics Society*, 60(6), 1175-7.
- 2 Eadie, T. L. & **Kapsner-Smith, M.** (2011). The effect of listener experience and anchors on judgments of dysphonia. *Journal of Speech, Language and Hearing Research*, 54(2), 430-47.
- 1 Eadie, T. L., **Kapsner, M.**, Rosenzweig, J., Waugh, P., Hillel, A., & Merati, A. (2010). The role of experience on judgments of dysphonia. *Journal of Voice*, 24(5), 564-73.

REFEREED PRESENTATIONS

- 24 **Kapsner-Smith, M.**, Abur, D., Eadie, T., & Stepp, C. (June 2023). Test-retest reliability of behavioral assays of feedforward and feedback auditory-motor control of voice and articulation. Podium presentation at Boston Speech Motor Control Symposium.
- 23 **Kapsner-Smith, M.**, Sauder, C., Meyer, T., & Eadie, T. (October 2022). Visual sort-and-rate for ratings of strain in adductor laryngeal dystonia and vocal hyperfunction. Poster presentation at The Fall Voice Conference, San Francisco, CA.
- 22 **Kapsner-Smith, M.**, Díaz-Cádiz, M., Vojtech, J., Buckley, D., Mehta, D., Hillman, R., Tracy, L., Noordzij, J.P., Eadie, T., & Stepp, C. (June 2022). Clinical cutoff scores for acoustic indices of vocal hyperfunction that combine relative fundamental frequency and cepstral peak prominence. Poster presentation at the Annual Symposium of The Voice Foundation, Philadelphia, PA.
- 21 Sauder, C., **Kapsner-Smith, M.**, Baylor, C., Yorkston, K., Futran, N., & Eadie, T. (accepted for July 2020, deferred until July 2021 due to COVID-19). Longitudinal assessment of communicative participation in head and neck cancer patients. Presentation at the American Head and Neck Society's 10th International Conference on Head and Neck Cancer, Chicago, IL.
- 20 Eadie, T., Durr, H., Sauder, C., Spencer, K., **Kapsner-Smith, M.**, & Nagle, K. (February 2020). Effect of noise on speech intelligibility and perceived listening effort in head and neck cancer. Poster presentation at the 20th Biennial Motor Speech Conference, Santa Barbara, CA.
- 19 Yorkston, K., Baylor, C., & **Kapsner-Smith, M.** (February 2020). Levels of communicative participation with Botox intervention for spasmodic dysphonia: A qualitative study. Poster presentation at the 20th Biennial Motor Speech Conference, Santa Barbara, CA.
- 18 Baylor, C., Eadie, T., **Kapsner-Smith, M.**, Britton, D., Mach, H., Jin, J., & Yorkston, K. (February 2020). Defining meaningful change in communicative participation after intervention for people with Parkinson's disease. Poster presentation at the 20th Biennial Motor Speech Conference, Santa Barbara, CA.
- 17 Durr, H., Sauder, C., Nagle, K., Spencer, K., **Kapsner-Smith, M.**, & Eadie, T. (November 2019). The effect of noise on speech intelligibility and listening effort in head and neck cancer. Poster presentation at the annual convention of the American Speech-Language-Hearing Association, Orlando, FL.

- 16 Sauder, C., Eadie, T., **Kapsner-Smith, M.**, Baylor, C., Yorkston, K., & Futran, N. (August 2019). Communicative participation in pre-treatment oral and oropharyngeal head and neck cancer. Poster presentation at the World Congress of the International Academy of Oral Oncology, Rome, Italy.
- 15 **Kapsner-Smith, M.**, Opuszynski, A., & Eadie, T. (November 2018). The effect of the visual sort and rate method on reliability of judgments of dysphonia. Poster presentation at the annual convention of the American Speech-Language-Hearing Association, Boston, MA.
- 14 Eadie, T., Sauder, C., **Kapsner-Smith, M.**, Bolt, S., Baylor, C., & Yorkston, K. (November 2018). Communicative participation and quality of life in pre-treatment head and neck cancer patients. Poster presentation at the annual convention of the American Speech-Language-Hearing Association, Boston, MA.
- 13 **Kapsner-Smith, M.**, Opuszynski, A., & Eadie, T. (October 2018). The effect of the visual sort and rate method on reliability of judgments of dysphonia. Poster presentation at Fall Voice, Seattle, WA.
- 12 Sauder, C., Nevdahl, M., **Kapsner-Smith, M.**, Merati, A.L., & Eadie, T. (October 2018). The effect of a preliminary diagnostic hypothesis on videolaryngostroboscopic ratings: Implications for clinical diagnosis and treatment. Podium presentation at Fall Voice, Seattle, WA.
- 11 Baylor, C., Merati, M., Eadie, T., Mach, H., Britton, D., **Kapsner-Smith, M.**, D'Oyley, L., Malik, E., Rosenzweig, J., & Yorkston, K. (October 2018). Identifying clinically meaningful change on the Communicative Participation Item Bank (CPIB) for people with unilateral vocal fold immobility. Poster presentation at Fall Voice, Seattle, WA.
- 10 Sauder, C., **Kapsner-Smith, M.**, & Eadie, T. (June 2018). The effect of diagnostic information on ratings of voice severity. Podium presentation at the Annual Symposium of the Voice Foundation, Philadelphia, PA.
- 9 Eadie, T., Bolt, S., **Kapsner-Smith, M.**, Sauder, C., Méndez, E., & Futran, N. (April 2018). Communicative participation in pre-treatment head and neck cancer patients. Poster presentation at the American Head and Neck Society Annual Meeting, National Harbor, MD.
- 8 Bolt, S., **Kapsner-Smith, M.**, Baylor, C., Yorkston, K., & Eadie, T. (November 2017). Predictors of outcome stability in survivors of head & neck cancer. Poster presentation at the annual convention of the American Speech-Language-Hearing Association, Los Angeles, CA.
- 7 Eadie, T., **Kapsner-Smith, M.**, Bolt, S., Sauder, C., Baylor, C., & Yorkston, K. (November 2017). Does perceived social support relate to patient-reported communication outcomes? Implications for head & neck cancer. Poster presentation at the annual convention of the American Speech-Language-Hearing Association, Los Angeles, CA.
- 6 **Kapsner-Smith, M.** (October 2017). Semi-occluded vocal tract exercises: Theory and practice. Seminar at the annual convention of the Washington Speech Language Hearing Association, Bellevue, WA.
- 5 Faust, L., Bolt, S., **Kapsner-Smith, M.**, Sauder, C., Hunting Pompon, R., Baylor, C., & Eadie, T. (July 2016). The role of perceived social support and resilience on communicative participation in head

and neck cancer survivors. Poster presentation at the American Head and Neck Society's 9th International Conference on Head and Neck Cancer, Seattle, WA.

- 4 Balestracci, S., Spencer, K., Weir-Mayta, P., & **Kapsner-Smith, M.** (October 2015). Speaking tasks differences in Parkinson's disease. Poster presentation at the annual convention of the Washington Speech Language and Hearing Association, Tacoma, WA.
- 3 **Kapsner-Smith, M.** (July 2013). The efficacy of two semi-occluded vocal tract therapies. Podium presentation at Phonosurgery Symposium, Salt Lake City, UT.
- 2 **Kapsner, M.** & Eadie, T. L. (November 2008). How listener experience and auditory anchors affect judgments of dysphonia. Poster presentation at the annual convention of the American Speech-Language-Hearing Association, Boston, MA.
- 1 Eadie, T., **Kapsner, M.**, Rosenzweig, J., Waugh, P., Hillel, A., & Merati, A. (June 2008). The role of experience on judgments of dysphonia. Platform/technical presentation at the Annual Symposium of the Voice Foundation, Philadelphia, PA.

INVITED PRESENTATIONS AND GUEST LECTURES

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| 2014-2021 | MUSIC 434: Pedagogy, University of Washington, annual guest lecturer, "Voice Production and Acoustics" |
| 2016 | MedBridge, contributor to continuing education modules "Perceptual Evaluation of Voice" and "Resonant Voice: Tips and Tricks" |
| 2016 | "Straw Phonation, Theory and Application: Getting Your Buzz On," invited joint presentation with Ingo Titze, PhD, and Kari Ragan, DMA, Art and Science of the Performing Voice Symposium, University of Washington |
| 2013 | "Introversion, Extraversion, and the Voice: Myths, Science, and Treatment Implications," invited lecture, Northwest Chapter of the Voice Foundation |

PROFESSIONAL EXPERIENCE

Academic Positions

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| 2013-2021 | Visiting Faculty, Summer Vocology Institute
University of Utah, Salt Lake City, UT |
| 2013-2020 | Lecturer/Clinical Instructor, Department of Speech and Hearing Sciences
University of Washington, Seattle, WA |
| 2011-2013 | Research Scientist, National Center for Voice and Speech
University of Utah, Salt Lake City, UT |

Non-Academic Positions

- 2010-2011 Laryngology Speech-Language Pathologist
University of Washington Medical Center, Seattle WA
- 2008-2010 Speech-Language Pathologist
Franciscan Health System, Seattle, WA

TEACHING EXPERIENCE

University of Washington

Undergraduate Courses

- 2017-2020, SPHSC 302: Phonetics (primary instructor)
2015
- 2014-2019 SPHSC 250: Introduction to Human Communication and Its Disorders (primary instructor)
- 2014 SPHSC 305: Speech and Language Disorders (team taught, 40%)

Graduate Courses

- 2021-2022 SPHSC 535: Assessment and Treatment of Voice Disorders (team taught, 50%)
- 2013-2020 SPHSC 552G: Clinical Practicum in Voice (primary instructor)
- 2013-2019 SPHSC 545: Assessment and Treatment of Voice Disorders in a Medical Setting (team taught, variable %)
- 2014-2018 SPHSC 549: Clinical Forum (team taught, 50%)

University of Utah

Graduate Courses

- 2013-2021 CSD 6660: Voice Habilitation (team taught, 33%)

SERVICE TO DEPARTMENT

- 2021,
2016-2018 Graduate Admissions Committee Member
- 2020-2021 Doctoral Student Association Secretary
- 2020 Diversity Committee Member

- 2017-2018 Pre-Dissertation Project Committee Member (Sauder, C.)
- 2017-2018 Undergraduate Research Project Co-Mentor (Opuszynski, A.)
- 2014-2015 Master's Thesis Committee Member (Balestracci, S.)

SERVICE TO PROFESSION

Pan-American Vocology Association

- 2019 Communications Committee
- 2018 Planning Committee, Pan-American Vocology Association Symposium
- 2017 Elections Committee
- 2015 Chair, Program Committee, Pan-American Vocology Association Inaugural Symposium
- 2013-2015 Board Member
- 2013 Founding Member

The Voice Foundation

- 2018-2023 President, Northwest Chapter of the Voice Foundation

Northwest Voice Conference

- 2016-2020 Planning Committee, The Art and Science of the Performing Voice Symposium

Ad-hoc Reviewer

International Journal of Language & Communication Disorders

Journal of Communication Disorders

Journal of Speech, Language, and Hearing Research

Journal of Voice

Laryngoscope

Scientific Reports

LICENSES AND CERTIFICATES

- 2018 Certified Provider, SPEAK OUT® and LOUD Crowd®

- 2013 Certified Clinician, LSVT LOUD®
- 2012 Certificate in Vocology, Summer Vocology Institute, National Center for Voice and Speech
- 2009 Certificate of Clinical Competence in Speech-Language Pathology (CCC-SLP), American Speech Language Hearing Association
- 2009 Licensed Speech-Language Pathologist, Washington State Department of Health

PROFESSIONAL MEMBERSHIP

- 2018-present The Voice Foundation
- 2013-present Pan-American Vocology Association
- 2010-present Northwest Chapter of The Voice Foundation
- 2009-present American Speech-Language-Hearing Association
- 2005-2009 National Student Speech-Language-Hearing-Association