

ROBERT BRINTON FUJIKI, M.S. CCC-SLP

Department of Speech, Language, and Hearing Sciences | Purdue University
Lyles-Porter Hall | 715 Clinic Drive, West Lafayette, IN, 47907

EDUCATION

Ph.D. Candidate in Speech, Language and Hearing Science , Purdue University Advisor: M. Preeti Sivasankar, Ph.D. CCC-SLP	Present
M.S. in Communication Disorders , Brigham Young University Thesis: The effects of laryngeal desiccation and nebulized isotonic saline in trained male singers Advisor: Kristine Tanner, Ph.D. CCC-SLP	2015
B.F.A. in Music Dance Theater , Brigham Young University Minor in Communication Disorders - Graduated Cum Laude	2012
Clinical Fellowship in Speech, Language Pathology , University of Wisconsin-Madison Advisors: Susan Thibeault, Ph.D. CCC-SLP, Maia Braden, M.S., CCC-SLP, Emerald Doll, M.S., CCC-SLP	2020

AWARDS AND HONORS

2019	CAPCSD PhD Scholarship
2019	Purdue Graduate School Incentive Grant
2019	Purdue Graduate Student Government Travel Award
2018	Dysphagia Research Society, Springer Publishing Travel Scholarship
2018	Compton Travel Award
2018	Purdue Graduate Student Government Travel Award
2017	ASHA Foundation New Century Scholar
2017	Purdue Graduate Student Government Travel Award
2017	First Place Student Research Presentation, Crossroads Conference, Purdue University
2017 - 2019	NIDCD T32 Training Grant
2015 - 2017	Purdue Graduate Fellowship
2012 - 2015	BYU Graduate Academic Scholarship
2009 - 2012	BYU Academic Scholarship

NIH RESEARCH FELLOWSHIPS

NIH/NIDCD F31 (score = 26; Funded)
Vocal Restoration Programs After Acute Vocal Exertion.
Sponsors: Dr. Preeti Sivasankar & Dr. Jessica Huber
Role: Principal Investigator; Purdue University

PROFESSIONAL CERTIFICATION

Speech-Language Pathologist, American Speech-Language-Hearing Association (ASHA)

RESEARCH EXPERIENCE

Graduate Research Assistant Laryngeal Research Lab at Purdue University, West Lafayette, IN Principal Investigator: M. Preeti Sivasankar, PhD CCC-SLP	2015 – Present
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Designed, collected data and analyzed data for studies examining the effects of vocal loading and surface hydration on aerodynamic, acoustic and perceptual voice measures, as well as respiratory kinematic measures.

Graduate Research Assistant

2016 – 2018

Imaging, Evaluation, and Treatment of Swallowing Laboratory at Purdue University, West Lafayette, IN

Principal Investigator: Georgia A. Malandraki, PhD, CCC-SLP, BCS-S

Designed, collected data and analyzed data for a randomized clinical trial examining the effects of the Head-Lift and Recline Exercises on biomechanical and functional swallow outcomes, as well as acoustic and self-perceptual voice outcomes in healthy older adults. Collected VFSS, sEMG, and bedside swallow exams, as well as kinematic swallow measure analysis.

Graduate Research Assistant/Lab Manager

2012 – 2015

Voice Research Lab at Brigham Young University, Provo, UT

Principal Investigator: Kristine Tanner, PhD CCC-SLP

Collected and analyzed data examining the effects of laryngeal desiccation and nebulized isotonic saline in trained male singers. Collected and analyzed acoustic, aerodynamic, and perceptual voice measures.

PUBLICATIONS

Fujiki, R.B., & Thibeault, S., (Accepted). *The Relationship Between Auditory-Perceptual Rating Scales and Objective Voice Measures in Children with Voice Disorders*. American Journal of Speech-Language Pathology.

Venkatraman, A., **Fujiki, R.B.**, Craig, B., Sivasankar, M.P., & Malandraki, G. (2020). *Determining the Underlying Relationship Between Swallowing and Maximum Vocal Pitch Elevation: A Preliminary Study of Their Hyoid Biomechanics in Healthy Adults*. Journal of Speech, Language and Hearing Research, 63(10): https://doi.org/10.1044/2020_JSLHR-20-00125

Fujiki, R.B., Oliver, A., Bauer Malandraki, J., Wetzell, D., Craig, B., & Malandraki, G. (2019). *The recline and head-lift exercises: Swallowing outcomes of a randomized clinical trial*. Journal of Speech, Language and Hearing Research, 62(3): https://doi.org/10.1044/2018_JSLHR-S-18-0117

Fujiki, R.B., Oliver, A., Sivasankar, M.P., Craig, B., & Malandraki, G. (2019). *Secondary Voice Outcomes of a Randomized Clinical Trial Comparing Two Head/Neck Strengthening Exercises in Healthy Older Adults: A Preliminary Report*. Journal of Speech, Language and Hearing Research, 62(2): https://doi.org/10.1044/2018_JSLHR-S-18-0338

Fujiki, R.B., Chappleau, A., Sundarrajan, A., McKenna, V., & Sivasankar, M.P. (2017). *The interaction of surface hydration and vocal loading on voice measures*. Journal of Voice, 31(2):211-217. doi: 10.1016/j.jvoice.2016.07.005.

Fujiki, R.B. & Sivasankar, M.P. (2017) *A review of vocal loading tasks in the voice literature*. Journal of Voice, 31(3):388.e33-388.e39. doi: <http://dx.doi.org/10.1016/j.jvoice.2016.09.019>

*Sundarrajan, A., ***Fujiki, R.B.**, Loerch, S., Venkatraman, A., & Sivasankar, M. P. (2017) *The interaction of a vocal loading challenge and environmental humidity on the aging larynx*. Journal of Voice, 31(6):707-713. doi: 10.1016/j.jvoice.2017.02.002

***Equal Author contribution**

Tanner, K., **Fujiki, R.B.**, Merrill, R., Dromey, C., Robb, W., Kendall, K., Hopkin, J., Channell, R., & Sivasankar, M. P. (2016) *The effects of laryngeal desiccation and nebulized isotonic saline in male singers and nonsingers*. Journal of Voice, 30(6):670-676. doi:10.1016/j.jvoice.2015.08.016

SCIENTIFIC ORAL PRESENTATIONS

Fujiki, R.B.*, Kantor, S*, Venkatraman, A*, & Sivasankar, MP*. (2020). *Critical considerations in Voice Therapy*. Oral presentation at the Indian Speech and Hearing Association Convention, Chandigarh, India. *Equal Authorship

Mitchell, S., **Fujiki, R.B.**, Oliver, A., Craig, B., Malandraki, G.A. (2020). *Effects of the Head Lift and Recline Exercises on the Neuromuscular Control of Swallowing*. Oral Presentation at the European Society of Swallowing Disorders 12th Annual Congress.

Mitchell, S., **Fujiki, R.B.**, Oliver, A., Craig, B., Malandraki, G. (2020). *The Recline and Head-Lift Exercises: Comparing Potential Neuromuscular Drivers in Healthy Older Adults*. Proposal accepted at the Annual Convention of the American Speech-Language-Hearing Association, San Diego, CA (Convention canceled).

Fujiki, R.B., Huber, J., & Sivasankar, M. P. (2019). *Respiratory and laryngeal effects of a short duration vocal exertion task in young individuals*. Oral presentation at The Fall Voice Conference, Dallas, TX.

Venkatraman A., **Fujiki R.B.**, Pearson W., Sivasankar M.P., & Malandraki G.A., (2019). *Vocal Pitch Elevation and Swallowing: A pilot study on their biomechanical interactions in healthy adults*. Oral presentation at the American Speech-Language and Hearing Association's Annual Convention, Orlando, FL.

Fujiki, R.B., Oliver, A., Bauer-Malandraki, J. & Malandraki, G. (2018). *The Recline and Head-Lift Exercises have Similar Biomechanical Swallowing Outcomes and Detraining Effects in Older Adults: A Randomized Clinical Trial*. Oral presentation at the Dysphagia Research Society Annual Meeting, Baltimore, MD.

Fujiki, R.B., Venkatraman, A. & Sivasankar, M. P. (2017). *Factors that stress the larynx: Role of dehydration and altered vocal quality in vocal loading*. Seminar at the American Speech-Language and Hearing Association's Annual Convention, Los Angeles, CA.

Oliver, A., **Fujiki, R.B.**, Bauer-Malandraki, J. & Malandraki, G. (2017). *The recline and head-lift exercises: Preliminary swallowing outcomes of a randomized clinical trial*. Flash session at the American Speech-Language and Hearing Association's Annual Convention, Los Angeles, CA.

Fujiki, R.B., Chapleau, A., Sundarajan, A., McKenna, V., & Sivasankar, M.P. (2016). *The interaction of surface hydration and vocal loading on voice measures*. Oral presentation at Voice Foundations, Philadelphia, PA.

Sundarajan, A., **Fujiki, R.B.**, & Sivasankar, M.P. (2016). *Humidity and vocal loading on the aging voice*. Oral presentation at Voice Foundations, Philadelphia, PA.

SCIENTIFIC POSTERS

Fujiki, R.B. & Sivasankar, M.P. (2018). *Self-Perceived Vocal Effort: A Scoping Review*. Poster session at the American Speech-Language-Hearing Association Convention, Boston, MA.

Fujiki, R.B., Oliver, A., Sivasankar, M.P., & Malandraki, G. (2017). *The recline and head-lift exercises: Preliminary voice outcomes of a randomized controlled trial*. Poster presented at the American Speech-Language and Hearing Association's Annual Convention, Los Angeles, CA.

Fujiki, R.B., Oliver, A., Sivasankar, M.P., & Malandraki, G. (2017). *The recline and head-lift exercises: Preliminary voice outcomes of a randomized controlled trial*. Poster presented at the Crossroads Conference, Purdue University, West Lafayette, IN.

*First place student presentation award

Fujiki, R.B. & Sivasankar, M.P. (2016). *A review of vocal loading tasks in the voice literature*. Poster presented at Voice Foundations, Philadelphia, PA.

Fujiki, R.B. & Sivasankar, M.P. (2016). *A review of vocal loading tasks in the voice literature*. Poster presented at Crossroads Conference, Purdue University, West Lafayette, IN.

Fujiki, R.B., Robb, W., Tanner, K., Dromey, C., Hopkin, A., & Sivasankar, M.P. (2014). *The effects of laryngeal desiccation & nebulized isotonic saline in male singers & nonsingers*. Poster presented at the American Speech-Language-Hearing Association Convention, Orlando, FL.

Christensen, K., Corbin Lewis, K., Kendall, K., Tanner, K., & Fujiki, R.B. (2014). *Quantitative videofluoroscopic swallow study (VFSS) measures: Student training outcomes*. Poster session presented at the American Speech-Language-Hearing Association Convention, Orlando, FL.

OUTREACH PRESENTATIONS

Fujiki, R.B., (2020). *Voice Myths: Examining the Level of Evidence Behind Common Voice Beliefs*. Oral Presentation to actors of American Players Theater through University of Wisconsin – Madison, Madison, WI. (Cancelled due to COVID19)

Fujiki, R.B. & Wright, M. (2020). *Non-verbal Communication and Gender Expression*. Oral Presentation at the Exploring Vocal Gender Affirmation at University of Wisconsin – Madison, Madison, WI. (Cancelled due to COVID19)

Venkatraman, A., **Fujiki, R.B.**, Sivasankar, M.P., Malandraki, G.A., (2019). *Do we swallow the same way we raise our pitch? A pilot study on the biomechanical interactions between voice and swallowing in healthy adults*. Poster presentation at the CEREBBRAL Symposium at Purdue University, West Lafayette, IN.

Fujiki, R.B., & Venkatraman, A. (2017). *The role of the larynx in voice and swallow*. Oral presentation at The Spasmodic Dysphonia Symposium, Indiana University, Bloomington, IN.

Solomon, B., **Fujiki, R.B.**, Venkatraman, A., Exner, A., & Dunn, E. (2016). *Voice myths and trivia*. Oral presentation at The Spasmodic Dysphonia Symposium, Purdue University, West Lafayette, IN.

CLINICAL EXPERIENCE

Clinical Fellowship in Speech, Language Pathology, University of Wisconsin-Madison **2019 - 2020**

Research advisor: Susan Thibeault, Ph.D. CCC-SLP

Clinical supervisors: Maia Braden, CCC-SLP (Pediatric voice and swallow), Emerald Doll CCC-SLP (Adult voice)

Evaluated and treated voice disorders in adults and voice and swallowing disorders in children as a member of a multi-disciplinary team including speech-language pathology, otolaryngology, and ENT. Covered Otolaryngology, craniofacial anomaly and trach clinics. Performed flexible and rigid videolaryngostroboscopy procedures, fiberoptic endoscopic evaluation of swallowing (FEES) procedures, nasal function studies, acoustic, aerodynamic, auditory-perceptual, and patient-based measures of voice severity in pediatric and adult populations.

Demonstration Clinician: Social Communication Lab, Brigham Young University **2014 - 2017**

Designed and implemented treatment programs utilizing a social communication approach for children with language impairment. Provided therapy demonstration tapes for graduate level courses taught at BYU, for ASHA-approved continuing education courses presented nationally, and to accompany the text, *Treatment of Language Disorders, 2nd Edition* edited by McCauley, Fey, and Gillam, 2017.

Externship: Intermountain Voice and Swallowing Center **Aug. – Oct. 2014**

Supervisor: Anna Siciliano, M.A., CCC-SLP. Evaluated and treated voice and swallowing disorders as a member of a multi-disciplinary team including speech-language pathology, laryngology, and singing voice specialist services.

Performed flexible and rigid videolaryngostroboscopy procedures, fiberoptic endoscopic evaluation of swallowing (FEES) procedures, acoustic, auditory-perceptual, and patient-based measures of voice severity.

Externship: Intermountain Medical Center, Neuro-Rehab Floor **Oct. – Dec. 2014**

Supervisor: Debbie Carroll, M.S., CCC-SLP. Evaluated and treated neurological language impairments and dysphagia. Worked as a member of a multi-disciplinary team including physicians, SLPs, physical therapists, occupational therapists and nursing. Performed Modified Barium Swallow (MBS) studies and administered standardized aphasia assessments.

Externship: Vineyard Elementary, Alpine School District **Jan.– April 2015**

Supervisor: Dorthy Stott, M.S. CCC-SLP. Evaluated and treated language disorders, phonological disorders, fluency disorders, ASD, etc. in children ranging from pre-school to high school ages.

Brigham Young University Speech and Language Clinic

2013 – 2014

Supervisors: Kerstine Hart, M.S. CCC-SLP; Ann Dorais, M.S. CCC-SLP; Julie Schow, M.S. CCC-SLP; Lori Johnson, M.S. CCC-SLP; & Kim Hales, M.S. CCC-SLP

Conducted assessment and intervention for children and adults who presented with a range of disorders including expressive and receptive language impairment, autism spectrum disorders, speech sound disorders, fluency disorders, aphasia and voice disorders.

TEACHING EXPERIENCE

Guided Teaching: Purdue University

2017

Anatomy and Physiology of the Speech Mechanism, SLHS 30300, Supervisor: Dr. Preeti Sivasankar

Online Course Lecturer: Purdue University

2017

Introduction to Speech, Language and Hearing Sciences, SLHS 11500, Topic: Voice disorders

Guest Lecturer: Purdue University & Brigham Young University

2013 - Present

Numerous guest lectures to undergraduate and graduate students on topics including laryngeal function, voice disorders, dysphagia, anatomy and physiology, and portrayal of individuals with disabilities in the media.

Teaching Assistant: Brigham Young University

2013 - 2015

Voice and Resonance Disorders, ComD 657, Professor: Dr. Kristine Tanner

Dysphagia Management, ComD 633, Professor: Dr. Kristine Tanner

Speech Anatomy, ComD 320, Professor: Dr. Kristine Tanner

Introduction to Communication Disorders, ComD 133, Professor: Dr. Bonnie Brinton

Presented lectures, instructed labs, created exam rubrics, created exams, graded assignments, worked individually with students, and offered review sessions.

PROFESSIONAL MEMBERSHIPS

ASHA, Member

2019 - Present

Dysphagia Research Society, Student Member

2017 - Present

ASHA SIG 3 & SIG 13, Member

2017 - Present

NSSHLA, Member

2016 - 2019

Phi Beta Kappa, Member

2009 - 2012

ADDITIONAL CLINICAL TRAININGS & POSITIONS

Tracheoesophageal Puncture and Prosthesis for Post-Laryngectomy

Completed 2017

Voice Restoration

Instructors: Eric Blom and Byron Kubik

Quantitative Measures of Oropharyngeal Swallow Function during Videofluoroscopic Swallow Studies (MBS)

Completed 2013

Instructors: Rebecca Leonard and Katherine Kendall

BYU Communication Disorders Department Diversity Committee

2013 – 2014

Worked with faculty to promote the engagement and success of diverse and minority students in the Speech, Language Pathology major at BYU. Performed outreach, tutoring sessions, and student advisement.

Purdue SLHS Department PhD Student Social Chair

2018 – 2019

Organized social events for PhD students to become better acquainted with one another.

LABORATORY MENTORSHIP

Graduate Students Mentored, Speech, Language and Hearing Sciences, Purdue University
Dreyer, N., Steinhauser, V., Tomerlin, N., Venkatraman, A.

Under-Graduate Students Mentored, Speech, Language and Hearing Sciences, Purdue University
Chapleau, A., Cox, H., Gutwein, K., Loerch, S., Mendoza, S., Oliver, A., Pounds, T., Salpietro, I., Sarbieski, C.