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EDUCATION

Teacher's College, Columbia University

Ph.D. in Communication Sciences and Disorders

Anticipated 2023

MGH – Institute of Health Professions

M.S. in Speech-Language Pathology, Concentration in Medical Speech Pathology

Thesis Title: A developmental examination of feedback processing during declarative learning

2016

College of the Holy Cross

B.A. in Psychology; Minor in Deaf Studies

2014

PUBLICATIONS

Peer-Reviewed

7. **Borders, J. C.**, Blanke, S., Johnson, S., Gilmore-Bykoyski, A., & Rogus-Pulia, N. (In Press). Efficacy of mealtime interventions for malnutrition and oral intake in persons with dementia: A systematic review. *Alzheimer's Disease & Associated Disorders*.
6. **Borders, J. C.**, O'Dea, M. B., McNally, E., Norberg, E., Kitila, M., Walsh, M., Lui, R., & Pisegna, J. M. (2020). Inter- and intra-rater reliability of laryngeal sensation testing with the touch method during flexible endoscopic evaluations of swallowing. *Annals of Otolaryngology, Rhinology & Laryngology*. [Epub ahead of print]. DOI: [10.1177/0003489419901145](https://doi.org/10.1177/0003489419901145)
5. **Borders, J. C.** & Brates, D. (2019). Use of the penetration-aspiration scale in dysphagia research: A systematic review. *Dysphagia*. [Epub ahead of print]. DOI: [10.1007/s00455-019-10064-3](https://doi.org/10.1007/s00455-019-10064-3)
4. **Borders, J. C.** Fink, D., Levitt, J. E., McKeehan, J., McNally, E., Rubio, A., ... Krisciunas, G. P. (2019). Relationship between laryngeal sensation, length of intubation, and aspiration in patients with acute respiratory failure. *Dysphagia*; 34(4): 521 – 528. DOI: [10.1007/s00455-019-09980-1](https://doi.org/10.1007/s00455-019-09980-1)
3. Stipancic, K. L., **Borders, J. C.** Brates, D., & Thibeault, S. L. (2019). Prospective investigation of incidence and co-occurrence of dysphagia, dysarthria, and aphasia following ischemic stroke. *American Journal of Speech-Language Pathology*; 28(1): 188 – 194. DOI: [10.1044/2018_AJSLP-18-0136](https://doi.org/10.1044/2018_AJSLP-18-0136)
2. Pisegna, J. M., **Borders, J. C.**, Kaneoka, A., Coster, W. J., Leonard, R., & Langmore, S. E. (2018). Reliability of untrained and experienced raters on FEES: Rating overall residue is a simple task. *Dysphagia*; 33(5): 645 – 654. DOI: [10.1007/s00455-018-9883-x](https://doi.org/10.1007/s00455-018-9883-x)
1. **Borders, J. C.**, Gibson, A. L., Grayev, A., & Thibeault, S. L. (2018). Predictors of dysphagia in critically injured patients with neck trauma. *Journal of Critical Care*; 44: 312 – 317. DOI: [10.1016/j.jcrc.2017.12.004](https://doi.org/10.1016/j.jcrc.2017.12.004)

Conference Proceedings

1. Hallahan, M., **Borders, J. C.**, & Schmidt, R. C. (2013). Does motor synchrony really create interpersonal cooperation? In T. Davis, P. Passos, M. Dicks & J.A. West-Knapp (Eds.), *Studies in Perception & Action XII* (pp. 24-28). New York, NY: Psychology Press, Taylor & Francis Group.

PRESENTATIONS – RESEARCH

Oral Presentations (* indicates presenting author)

Enver, N., **Borders, J. C.**, Curtis, J. A., Sevitz, J. S., Vanegas-Arroyave, N., & Troche, M. S. The role of vocal fold bowing on cough and swallowing dysfunction in progressive supranuclear palsy. Podium presentation at the American Broncho-Esophagological Association's Annual Meeting, May, 2020. Online.

***Borders, J. C.**, Curtis, J. A., Sevitz, J. S., Seikaly, Z., & Troche, M. S. Immediate effects of sensorimotor training in airway protection (smTAP) on cough outcomes in progressive supranuclear palsy. Podium presentation at the Dysphagia Research Society's Annual Meeting, May, 2020. Online.

Buckley, D., Tracy, L. F., **Borders, J. C.**, Norberg, E., Pisegna, J. M. Muscle tension dysphagia: An expanded clinical picture. Podium presentation at the Fall Voice Conference. October, 2019. Dallas, Texas.

***Borders, J. C.** & Brates, D. Use of the penetration-aspiration scale in dysphagia research: A historical review. Podium presentation at the Dysphagia Research Society's Annual Meeting. March, 2019. San Diego, California.

***Borders, J. C.**, Fink, D., Levitt, J. E., McKeehan, J., McNally, E., Rubio, A., ... Krisciunas, G. P. (2018). Relationship between laryngeal sensation, length of intubation, and aspiration in acute respiratory failure survivors. Podium presentation at the American Speech Language Hearing Association Annual Convention. November, 2018. Boston, Massachusetts.

Poster Presentations (* indicates presenting author)

Bolowsky, V., Hong, L., **Borders, J. C.**, Vallila-Rohter, S., & Arbel, Y. Strategy implementation and feedback processing in healthy young adults. Poster presented at the Annual Cognitive Neuroscience Society Conference, May, 2020. Online.

Kitila, M., **Borders, J. C.**, & Pisegna, J. M. Reliability and confidence of penetration-aspiration scale ratings during FEES. Poster presented at the Dysphagia Research Society's Annual Meeting, May, 2020. Online.

O'Dea, M. B., **Borders, J. C.**, McNally, E., Norberg, E., Kitila, M., Walsh, M., Lui, R., & Pisegna, J. M. Inter- and intra-rater reliability of the laryngeal adductor reflex with the touch method during flexible endoscopic evaluation of swallowing. Poster presented at the European Society for Swallowing Disorders Annual Conference, September, 2019. Vienna, Italy.

Ramirez, E., **Borders, J. C.**, Jijakli, A., & Pisegna, J. M. DHI responses not associated with PAS scores from MBS. Poster presented at the Dysphagia Research Society's Annual Meeting, March, 2019. San Diego, California.

Rogus-Pulia, N., Knigge, M., Young, B., **Borders, J. C.**, Thibeault, S. L., & Sattin, J. Effects of device-facilitated lingual strengthening therapy on swallowing related outcomes post-stroke: a pilot study. Poster presented at the Dysphagia Research Society's Annual Meeting, March, 2018, Baltimore, Maryland.

Pisegna, J. M., Kaneoka, A., **Borders, J. C.**, & Langmore, S. E. Clinician ratings of residue on FEES: Years of experience does not affect ratings. Poster presented at the European Society of Swallowing Disorders Annual Conference, October, 2016, Milan, Italy.

***Borders, J. C.**, Arbel, Y., Zipse, L., & Vallila-Rohter, S. Feedback processing in paired associate declarative learning of linguistic and nonlinguistic paradigms. Poster presented at the Annual Cognitive Neuroscience Society Conference, April, 2016, New York, New York.

Jamal, W., Jin, D., Cardinaux, A., Tsourides, K., Jabeck, M. C., **Borders, J. C.**, Nejati, H., Gandhi, T. K., Kjølgaard, M., & Sinha, P. Reduced anticipatory responses during dynamic object interactions in autism. Poster presented at the International Meeting for Autism Research, May, 2015, Salt Lake City, Utah.

Schmidt, R. C., **Borders, J. C.**, & Hallahan, M. Does motor synchrony really create interpersonal cooperation? Poster presented at the Fifth Joint Action Meeting, July, 2013 Berlin, Germany.

Hallahan, M., **Borders, J. C.**, & Schmidt, R. C. Does motor synchrony really create interpersonal cooperation? Poster presented at the International Conference on Perception and Action, July, 2013, Estoril, Portugal.

Schmidt, R. C., **Borders, J. C.**, & Hallahan, M. Interpersonal synchrony and cooperation. Poster presented at the EuroMov Inaugural Conference, June, 2013, Montpellier, France.

PRESENTATIONS – EDUCATIONAL/TRAINING

In-services/Extramural

Borders, J. C. Dysphagia in Gastrointestinal Disorders. Invited Presentation: Department of Gastroenterology, Boston Medical Center, December 2018. Boston, MA.

Borders, J. C. Traumatic Brain Injury and Dysphagia Management. Invited Presentation: Department of Physical Medicine and Rehabilitation, University of Wisconsin-Madison, December 2016. Madison, WI.

Borders, J. C. ICU Delirium: Pathophysiology, Outcomes, and the SLP's Role. Guest Lecturer: Department of Speech, Language, and Swallowing, Massachusetts General Hospital, December 2015. Boston, MA.

Academic Guest Lectures

Borders, J. C. Dysphagia Associated with Respiratory & Gastrointestinal Disorders. Guest Lecturer: Dysphagia Assessment and Intervention (BBSQ 5130), Teachers College, Columbia University. April 2020. New York, NY.

Borders, J. C. Dysphagia in Patients with Head and Neck Cancer. Guest Lecturer: Dysphagia Assessment and Intervention (BBSQ 5130), Teachers College, Columbia University. April 2020. New York, NY.

Borders, J. C. Observational Research Study Designs. Guest Lecturer: Evaluation of Research in Speech-Language Pathology (BBSQ 5940), Teachers College, Columbia University. October 2019. New York, NY.

Borders, J. C. Flexible Endoscopic Evaluations of Swallowing in the Acute Care Setting. Guest Lecturer: Swallowing Disorders (CSD 707), University of Wisconsin-Madison, April 2017. Madison, WI.

AWARDS, HONORS, & RESEARCH FUNDING

Doctoral Fellowship Award , Teachers College Columbia University	2019
Kenneth N. Stevens Student Research Award , MGH – Institute of Health Professions	2016
Christopher Norman Education Fund , MGH – Institute of Health Professions \$150 in support for master's thesis examining neural correlates of feedback processing	2015
MGH – Institute of Health Professions Merit Scholarship	2014
George J. Allen Psychology Award , College of the Holy Cross	2014
Laurent Clerc Deaf Studies Award , College of the Holy Cross	2014
Andrew W. Mellon Research Fellowship , College of the Holy Cross \$4,800 in support for undergraduate research on motor synchrony and social behavior	2012

SERVICE

External

- Ad-hoc Reviewer, Dysphagia 2019 - Present
- ASHA Topic Committee Member, Swallowing Disorders in Adults 2019

Clinical

- SLP Graduate Internship Supervisor, Teachers College, Columbia University
 - Sydney Brooks, Gabriela Pereira, Kaylee Viets Spring 2020
 - Samantha Ayala, Alyssa Dicker Fall 2020
- Endoscopy Mentor, Langmore FEES Course
 - New York Medical Center, Valhalla, NY Spring 2020
 - Boston Medical Center, Boston, MA 2017 - 2019

TEACHING EXPERIENCES

- Evaluation of Research in Speech-Language Pathology Fall 2019
Teaching Assistant. Teachers College, Columbia University (BBSQ 5940)

CLINICAL & RESEARCH EXPERIENCE

- Clinical Researcher & Doctoral Student 2019 - Present
Laboratory for the Study of Upper Airway Dysfunction, Columbia University
Director: Michelle S. Troche, PhD, CCC-SLP
- Speech Pathologist 2017 - 2019
Voice and Swallow Clinic, Boston Medical Center
Director: Jessica M. Pisegna, PhD, CCC-SLP, MEd
- Speech Pathology Clinical Fellow 2016 - 2017
Voice and Swallow Clinic, University of Wisconsin – Madison
Director: Susan Thibeault, PhD, CCC-SLP
- Graduate Research Assistant 2015
Department of Brain & Cognitive Sciences, Massachusetts Institute of Technology
Director: Pawan Sinha, PhD
- Graduate Research Assistant 2014 - 2016
Department of Communication Sciences & Disorders, MGH – Institute of Health Professions
Director: Yael Arbel, PhD, CCC-SLP
- Research Assistant 2014
Department of Psychology, College of the Holy Cross
Directors: Mark Hallahan, PhD & Richard C. Schmidt, PhD

PROFESSIONAL AFFILIATIONS

Dysphagia Research Society	2017 - Present
American Speech Language Hearing Association	2016 - Present
ASHA SIG 13, Swallowing and Swallowing Disorders	2014 - Present
ASHA SIG 2, Neurogenic Communication Disorders	2014 - 2016

CERTIFICATION & LICENSURE

New York State Speech Pathology License	2019 - Present
Massachusetts State Speech Pathology License	2017 - Present
ASHA Certificate of Clinical Competency	2017 - Present