

## James C. Borders, MS, CCC-SLP

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New York, NY 10027

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### EDUCATION

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**Teacher's College, Columbia University**  
Ph.D. in Communication Sciences and Disorders

Anticipated 2023

**MGH – Institute of Health Professions**

2016

M.S. in Speech-Language Pathology, Concentration in Medical Speech Pathology  
*Thesis Title:* A developmental examination of feedback processing during declarative learning

**College of the Holy Cross**

2014

B.A. in Psychology; Minor in Deaf Studies

### PUBLICATIONS

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#### Peer-Reviewed

1. **Borders, J. C.**, O'Dea, M. B., McNally, E., Norberg, E., Kitila, M., Walsh, M., Lui, R., & Pisegna, J. M. (In Press). Inter- and intra-rater reliability of laryngeal sensation testing with the touch method during flexible endoscopic evaluations of swallowing. *Annals of Otology, Rhinology & Laryngology*.
2. **Borders, J. C.** & Brates, D. (2019). Use of the penetration-aspiration scale in dysphagia research: A systematic review. *Dysphagia*. [Epub ahead of print]. <https://doi.org/10.1007/s00455-019-10064-3>
3. **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. <https://doi.org/10.1007/s00455-019-09980-1>
4. 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. [https://doi.org/10.1044/2018\\_AJSLP-18-0136](https://doi.org/10.1044/2018_AJSLP-18-0136)
5. 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. <https://doi.org/10.1007/s00455-018-9883-x>
6. **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. <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. Weast-Knapp (Eds.), *Studies in Perception & Action XII* (pp. 24-28). New York, NY: Psychology Press, Taylor & Francis Group.

## **PRESENTATIONS**

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### Oral Presentations (\*JCB presenting author)

\***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, March, 2020. San Juan, Puerto Rico.

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., McKeenan, 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

Tilton-Bolowsky, V., Vallila Rohter, S., Hong, L., **Borders, J. C.**, & Arbel, Y. Strategy implementation and feedback processing during a probabilistic category learning task. Poster accepted at the Cognitive Neuroscience Society, March, 2020. Boston, Massachusetts.

Kitila, M., **Borders, J. C.**, & Pisegna, J. M. Reliability and confidence of penetration-aspiration scale ratings during FEES. Poster accepted at the Dysphagia Research Society's Annual Meeting, March, 2020. San Juan, Puerto Rico.

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 Cognitive Neuroscience Society's Annual 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., Kjelgaard, 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.

## **AWARDS, HONORS, & RESEARCH FUNDING**

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

## **SERVICE**

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Ad-hoc Reviewer  
Dysphagia

2019 - Present

### Committee Assignments

Adult Swallowing Topic Planning Committee  
American Speech-Language Hearing Association

2019

## **TEACHING**

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**Evaluation of Research**, Teaching Assistant & Guest Lecturer 2019

## **CLINICAL & RESEARCH EXPERIENCE**

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Speech Pathologist 2017 - 2019  
Voice and Swallow Clinic, Boston Medical Center

Speech Pathology Clinical Fellow 2016 - 2017  
Voice and Swallow Clinic, University of Wisconsin – Madison

Graduate Research Assistant 2015  
Department of Brain & Cognitive Sciences, Massachusetts Institute of Technology  
PI: Pawan Sinha, PhD

Graduate Research Assistant 2014 - 2016  
Department of Communication Sciences & Disorders, MGH – Institute of Health Professions  
PI: Yael Arbel, PhD, CCC-SLP

Research Assistant 2014  
Department of Psychology, College of the Holy Cross  
PI: Mark Hallahan, PhD

## **PROFESSIONAL AFFILIATIONS**

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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**

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ASHA Certificate of Clinical Competency 2017 - Present

New York State Speech Pathology License 2019 - Present