

Alexandra E. Brandimore, Ph.D. CCC/SLP

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CURRENT PROFESSIONAL EMPLOYMENT, May 2017 - present

Academic Faculty Instructor and Clinical Supervisor

Department of Communication Sciences and Disorders

College of Behavioral and Community Sciences

University of South Florida

EDUCATION

Post-doctoral Fellowship, July 2015 - August 2016

Teachers College, Columbia University, New York, New York

Products: Established the *Clinical Research Neurorehabilitation Center*, served as Co-PI and/or Study Coordinator on multiple NIH and MJ Fox funded research products, mentored and taught Master's level Speech-Language Pathology students in the domains of voice, dysphagia, and motor speech

Ph.D. in Speech, Language, and Hearing Sciences, successfully defended dissertation in March 2015, graduated May 2015

University of Florida, Gainesville, Florida

Academic committee members:

Michelle S. Troche, Ph.D., CCC-SLP (Chair)

Karen W. Hegland, Ph.D., CCC-SLP

Paul W. Davenport, Ph.D.

Michael S. Okun, M.D.

Dissertation Topic: *Reflex and Voluntary Cough Effectiveness in Healthy Adults*

Masters of Arts in Speech-Language Pathology, May 2011

University of Florida, Gainesville, Florida

Bachelor of Arts in Communication Sciences and Disorders, May 2009

University of Florida, Gainesville, Florida

FELLOWSHIPS AND AWARDS

Dysphagia Research Society Third Place Oral Presentation

Awarded for research entitled: "*Volitional up-regulation of reflex cough in healthy older adults and Parkinson's disease*", February 2016

Dysphagia Research Society Third Place Poster Presentation (Co-author)

Awarded for research entitled: "*Clinical predictors of airway protective dysfunction in Parkinson's disease*", February 2016

Grinter Fellowship

Given to doctoral students with excellence in Master's level education, \$2000 per year, August 2011- 2015

Public Health and Health Profession Research Excellence Award

Awarded to the top 12 abstract submissions for Public Health and Health Profession Research Day at the University of Florida, \$300 *travel stipend*, March 2014

Dysphagia Research Society First Place Poster Presentation

Awarded for research entitled: "Disease severity and Peak expiratory airflow rate in Parkinson's disease", *complimentary selection of Plural Publishing textbooks*, March 2014

Public Health and Health Professions Collaborative Research Award

Presented to one student in Speech, Language, and Hearing Sciences who exemplifies a collaborative spirit in research, clinical, and/or service activities throughout the college of Public Health and Health Professions, February 2014

Student Research Travel Award

Awarded to the highest-rated American Speech-Language Hearing Association (ASHA) convention papers in which a student was first author. The purpose of the SRTA was to highlight the research activities of students and encourage careers in science and research, \$500 *stipend and complimentary Convention registration*, October 2014

TEACHING EXPERIENCE

Course Title	Course	Role	Semester/Year
SLP Management of Complex Movement Disorders (On-line and In-Class)	SPA 6930	Instructor	Spring 2018; 2019 Summer 2019
Dysphagia (On-line and In-Class)	SPA 6565	Instructor	Fall 2017, 2018, 2019; Summer 2018; 2019
Voice Disorders (On-line and In-Class)	BBSQ5113	Instructor	Fall 2015; Spring 2016; Spring 2018; 2019
Speech Anatomy and Physiology	SPA 3101	Instructor	Spring 2013*; Fall 2016 (online); Spring 2019; Fall 2019
Speech Anatomy and Physiology	SPA 3101	Co-Instructor	Fall 2012
Speech Anatomy and Physiology	SPA 3101	Guest Lecturer	Fall 2014
Introduction to Motor Speech Disorders	SPA 4250	Guest Lecturer	Fall 2013; Spring 2014
Speech Anatomy & Physiology	SPA 3101	Teaching Assistant	Fall 2011; Spring 2012
College English Composition	ENC 1101	Tutor	Fall 2010 thru Spring 2012
College Algebra	MAC 1105	Tutor	Fall 2010 thru Spring 2012

*Student evaluations: 1 = Poor; 2 = Below Average; 3 = Average; 4 = Above Average; 5 = Excellent

Question		Course Mean	Department Mean	College Mean
1	Description of course objectives and assignments	4.53	4.19	4.17
2	Communication of ideas and information	4.47	4.17	4.13
3	Expression of expectations for performance in this class	4.47	4.24	4.2
4	Availability to assist students in or out of class	4.67	4.18	4.22
5	Respect and concern for students	4.87	4.36	4.37
6	Stimulation of interest in course	4.47	4.24	4.16
7	Facilitation of learning	4.53	4.18	4.14
8	Enthusiasm for the subject	4.73	4.60	4.4
9	Encouragement of independent, creative, and critical thinking	4.33	4.28	4.29
Average for questions 1-9		4.56	4.27	4.23
10	Overall rating of the instructor	4.60	4.30	4.25
11	Amount learned	4.53	4.10	4.03
12	Amount of effort required	4.13	3.96	3.9
13	Difficulty of the subject matter	3.93	3.81	3.74
14	The educational value (relevance) of this course	4.60	4.19	4.19
15	Expected grade	4.47	4.36	4.31
Average for questions 11-15		4.33	4.08	4.03

TEACHING INTERESTS

Dysphagia
 Motor Speech Disorders
 Voice Disorders
 Movement Disorders
 Speech Anatomy and Physiology
 Respiratory Physiology
 Adult Language Disorders
 Neurological Bases of Communication/Neuroanatomy
 Neurocognitive Communication Disorders
 Introduction to Speech Disorders
 Research Methods

RESEARCH EXPERIENCE

Principle investigator “Voluntary upregulation of cough function”

University of South Florida, Tampa, Florida, September 2018 – present

Study Coordinator and Co-principle investigator “Characterizing the effects of neuro-genic disorders on communication and airway protective outcomes”, Principal Investigator: Michelle S. Troche, Ph.D. Columbia University, New York, New York, September 2015 – August 2016

Co-investigator, “Novel management of airway protection in Parkinson’s disease: A clinical trial”, Principal Investigator: Michelle S. Troche, Ph.D.
Columbia University, New York, New York, October 2015 – August 2016

Co-investigator, “Expiratory muscle strength training to improve cough function in healthy young and older adults”, Principal Investigator: Michelle S. Troche, Ph.D.
Columbia University, New York, New York, February 2016 – August 2016

Principal Investigator, “Respiratory kinematics of reflex and voluntary cough in healthy adults and Parkinson’s disease”

University of Florida, Gainesville, Florida, January 2014 – May 2015

Co-investigator and Study Coordinator, “Airway protection deficits according to stimulus type in Parkinson’s disease”

Principal Investigator: Karen W. Hegland, Ph.D.

University of Florida, Gainesville, Florida, December 2014 – December 2017

Co-investigator, “Retrospective analysis of longitudinal swallowing outcomes in Parkinsonism”

Principal Investigator: Michelle S. Troche, Ph.D.

University of Florida, Gainesville, Florida, September 2014 – March 2016

Co-investigator, “A responsive closed-loop approach to treat freezing of gait in Parkinson’s disease”

Principal Investigator: Michael S. Okun, M.D.

University of Florida, Gainesville, Florida, March 2015 - May 2015

Co-investigator, “Magnitude estimation of respiratory resistive load in Parkinson’s disease”

Principal Investigator: Karen W. Hegland, Ph.D.

University of Florida, Gainesville, Florida, September 2014 – May 2015

Co-investigator and Study Coordinator, “Airway protective mechanisms and deep brain stimulation in Parkinson’s disease”

Principal Investigator: Michelle S. Troche, Ph.D. University of Florida, Gainesville, Florida, November 2012 - December 2014

Co-investigator and Study Coordinator, “Normative data for screening cough function”

Principal Investigator: Paul W. Davenport, Ph.D.

University of Florida, Gainesville, Florida, November 2012 – October 2014

Co-investigator, “Mechanisms of reflex and voluntary cough in Parkinson’s disease”

Principal Investigator: Michelle S. Troche, Ph.D.

University of Florida, Gainesville, Florida, March 2012 – June 2014

Co-investigator, “Neurophysiology of Cough and Swallowing Function”, Principal Investigator: Karen W. Hegland, Ph.D.

University of Florida, Gainesville, Florida, May 2012 – August 2012

Research Assistant, Aphasia language Treatment using VNEST, Principal Investigator: Lisa Edmonds, Ph.D.

University of Florida, Gainesville, Florida, August 2007-May 2009

RESEARCH INTERESTS

Airway protective mechanisms (i.e. swallowing and cough) in populations with neurodegenerative disease

Sensory/affective perception of the urge-to-cough and implications for improved cough effectiveness

Use of external cueing for improved cough effectiveness

Use of respiratory/cough mechanics as a treatment for dystussia in populations with neurodegenerative disease

Improved screening of airway compromise using hand-held portable devices and fog in Parkinsonism

Treatment for shared apraxia of speech and Broca’s aphasia in Moyamoya and stroke

Development of clinical-research screening tools for people with neurological disease

PUBLISHED MANUSCRIPTS

Hegland, K., Troche, M., & **Brandimore, A.** Relationship between respiratory sensory perception, speech, and swallow in Parkinson’s disease. *Mov Disord Clin Pract.* 6 (3), 243-249.

Brandimore, A., Hegland, K., & Troche, M. (2017). Voluntary up-regulation of reflex cough is possible in healthy older adults and Parkinson’s disease. *Journal of Applied Physiology.* 123 (1), 19-26.

Troche, M., **Brandimore, A.,** Hegland, K., Zeilman, P., Foote, K., & Okun, M. (2016). Tailored deep brain stimulation optimization for improved airway protective outcomes in Parkinson’s disease. *Interdisciplinary Neurosurgery,* 5, 3-5.

Troche, M., Schumann, B., **Brandimore, A.,** Okun, M., & Hegland, K. (2016). Reflex cough and disease duration as predictors of swallowing dysfunction in Parkinson’s disease. *Dysphagia,* 31(6), 757-64.

Hegland, K., Davenport, P., **Brandimore, A.,** Singletary, F., & Troche, M. (2016). Rehabilitation of swallowing and cough functions following stroke: An expiratory muscle strength training trial. *Arch Phys Med Rehabil.* 97(8), 1345-51.

Laciuga, H., **Brandimore, A.,** Troche, M., & Hegland, K. (2016). Analysis of clinicians’ perceptual cough evaluation. *Dysphagia,* 31(4), 521-30.

Brandimore, A., Troche, M., Huber, J., & Hegland, K. (2015). Respiratory kinematics of reflex and voluntary cough in healthy adults. *Frontiers in Physiology,* 9(6).

Hegland, K., Troche, M., **Brandimore, A.,** Okun, M., & Davenport, P. (2015). Comparison of two methods for inducing reflex cough in patients with Parkinson’s disease: implications for neural control and clinical practice. *Dysphagia,* 31(1), 66-73.

Hegland, K., Troche, M., **Brandimore, A.**, Davenport, P., & Okun, M. (2014). Comparison of voluntary and reflex cough effectiveness in Parkinson's disease. *Parkinsonism and Related Disorders*, 20(11), page 1266-30.

Troche, M., **Brandimore, A.**, Godoy, J., & Hegland, K. (2014). A framework for understanding shared substrates of airway protection. *Journal of Applied Oral Science*, 22(4), page 251-60.

Troche, M., **Brandimore, A.**, Okun, M., Davenport, and Hegland, K. (2014). Decreased cough sensitivity and aspiration in Parkinson's disease. *Chest*, 146(5), page 1294-9.

Troche, M., **Brandimore, A.**, Foote, K., Morishita, T., Chen, D., Hegland, K., Okun, M. (2014). Swallowing outcomes following unilateral STN vs. GPi Surgery: A retrospective analysis. *Dysphagia*, 29(4), page 425-31.

Troche, M., **Brandimore, A.**, Foote, K., & Okun, M. (2013). Swallowing and deep brain stimulation in Parkinson's disease: a systematic review. *Parkinsonism and Related Disorders*, 19(9), page 783-8.

Rodriguez, C.S., Troche, M., & **Johnson, A.** (2012). Communication Needs of Hispanic Patients: Sudden Speechlessness Simulation. *Open Communication Journal*, 6, page 8.

PRESENTATIONS AT SCHOLARLY MEETINGS

Brandimore, A., Hegland, K., & Troche, M. Volitional up-regulation of reflex cough in healthy older adults and Parkinson's disease. Oral presentation at International Dysphagia Research Society; February 2016: Tuscon, Arizona

Troche, M., Hegland, K., **Brandimore, A.**, Shumann, B. Urge-to-cough as a clinical predictor in Parkinson's disease. Oral presentation at the International Society for the Advancement of Respiratory Psychophysiology; October 2015: Sevilla, Spain.

Hegland, K., Troche, M., & **Brandimore, A.** Magnitude estimation of respiratory resistive loads in Parkinson's disease. Oral presentation at the International Society for the Advancement of Respiratory Psychophysiology; October 2015: Sevilla, Spain.

Brandimore, A. Respiratory kinematics of reflex and voluntary cough in healthy adults. Oral presentation at the American Speech-Language Hearing Association; November 2014: Orlando, Florida.

Troche, M., **Brandimore, A.**, Hegland, K., Parham, K., & Rosenbek, J. The management of communication deficits in the complex movement disorder patient. Oral panel presentation at the American Speech-Language Hearing Association; November 2014: Orlando, Florida.

Brandimore, A., Troche, M., Davenport, P., & Hegland, K. Respiratory kinematics of reflex and voluntary cough in healthy adults: Implications for future treatment. Oral presentation at Movement Disorders Neurology Grande Rounds; May 2014: Gainesville, Florida.

Troche, M., **Brandimore, A.**, Okun, M., Davenport, P., & Hegland, K. Reflex cough sensitivity in Parkinson's disease and dysphagia. Accepted for oral presentation at the international Dysphagia Research Society. March 2014: Nashville, Tennessee.

Brandimore, A., & Hegland, K. Mechanisms and deficits of airway protection: Practical clinical cases. Invited lecture at Crossroads Conference on Communicative Disorders at Purdue University. October 2013: West Lafayette, Indiana.

Hegland, K., & **Brandimore, A.** Mechanisms and deficits of airway protection for the Speech-Language Pathologist. Invited lecture at Crossroads Conference on Communicative Disorders at Purdue University. October 2013: West Lafayette, Indiana.

Troche, M.S., Hegland, K.M., & **Johnson, A.C.** Cough function pre/post DBS in Parkinson's disease: a case series. Accepted for oral presentation at the Fall Voice Conference. October 2012: New York City, New York.

Johnson, A.C., Hegland, K., & Troche, M. Dyspnea and quality of life associated with dysphagia in Parkinson's disease. Oral presentation at the International Society for the Advancement of Respiratory Psychophysiology (ISARP). September 2012: Orlando, Florida.

POSTER PRESENTATIONS AND CONFERENCE PROCEEDINGS

Brandimore, A., Hegland, K., Holden, A., Lica, K., Deschenes, R., & Troche, M. Reflex cough sensitivity is reduced in people with Parkinson's disease compared to age-matched healthy controls. Presented at the American Speech-Language Hearing Association, November 2016: Philadelphia, Pennsylvania.

Sevitz, J., **Brandimore, A.**, Koehler, G., Sung, K., & Troche, M. Feasibility of cough screening in neurogenic populations. Presented at the American Speech-Language Hearing Association, November 2016: Philadelphia, Pennsylvania.

Hegland, K., **Brandimore, A.**, & Troche, M. Respiratory load estimation is blunted in adults with Parkinson's disease compared to age-matched healthy older adults. Presented at the International Dysphagia Research Society, February 2016: Tuscon, Arizona.

Troche, M., **Brandimore, A.**, Shumann, B., & Hegland, K. Clinical predictors of airway protective dysfunction in Parkinson's disease. Presented at the International Dysphagia Research Society, February 2016: Tuscon, Arizona.

Brandimore, A., Troche, M., & Hegland, K. The influence of age on perception of the urge-to-cough in healthy older adults. Presented at the International Society for the Advancement of Respiratory Psychophysiology. September 2015: Seville, Spain.

Brandimore, A., Troche, M., & Hegland, K. The influence of lung volume and urge-to-cough on reflex cough effectiveness. Presented at Dysphagia Research Society, March 2015: Chicago, IL.

Brandimore, A., Troche, M., Davenport, P., & Hegland, K. Respiratory kinematics of reflex and voluntary cough in healthy adults. Presented at the International Society for the Advancement of Respiratory Psychophysiology. September 2014: New Brunswick, New Jersey.

Brandimore, A., Hegland, K., Okun, M., & Troche, M. Disease severity and peak expiratory flow rate in Parkinson's disease. April 2014. Presented at Public Health and Health Professions Research Day. April 2014: Gainesville, Florida.

Laciuga, H., **Brandimore, A.**, Troche, M., & Hegland, K. The analysis of clinicians perceptual

cough evaluation. Presented at Public Health and Health Professions Research Day. April 2014: Gainesville, Florida.

Brandimore, A., Hegland, K., Okun, M., & Troche, M. Hoehn and Yahr disease severity and peak expiratory flow rate in Parkinson's disease. Presented at the International Dysphagia Research Society. March 2014: Nashville, Tennessee.

Troche, M., **Brandimore, A.**, Foote, K., Okun, M., & Hegland, K. Swallowing outcomes following unilateral STN vs GPi Surgery: A retrospective analysis. Presented at the International Dysphagia Research Society. March 2014: Nashville, Tennessee.

Hegland, K., Davenport, P., **Brandimore, A.**, & Troche, M. Expiratory muscle strength training (EMST) to improve airway protection in post-stroke patients. Presented at the international Dysphagia Research Society. March 2014: Nashville, Tennessee.

Laciuga, H., **Brandimore, A.**, Troche, M., & Hegland, K. The analysis of clinicians perceptual cough evaluation. Presented at the American Speech-Language, Hearing Association Conference. November 2013: Atlanta, Georgia.

Hazamy, A., Troche, M., **Brandimore, A.**, & Altmann, L. Language processing in Parkinson's disease: Effects of word valence and concreteness. Presented at the International Neuropsychological Society conference. August 2013: Seattle, Washington.

Brandimore, A.E., Troche, M.S., Laciuga, H., Davenport, P., & Hegland, H.W. Reflex cough screening with Capsaicin and FOG in healthy participants. Presented at Public Health and Health Professions Research Day. April 2013: Gainesville, Florida.

Troche, M.S., Hegland, K.W., **Brandimore, A.E.**, Okun, M., & Davenport, P. Assessing dyspnea in patients with dysphagia and Parkinson's disease. Presented at the international Dysphagia Research Society March 2013: Seattle, Washington.

Troche, M.S., Berman, J.E., **Johnson, A.C.**, Kraemer, A.M., Madhavan, A., Foote, K.D., & Okun, M.S. Swallowing safety in Parkinson's disease following DBS: A retrospective analysis. Presented at the International Dysphagia Research Symposium March 2012: Toronto, Canada.

Johnson, A., Foote, K.D., Okun, M.S., & Troche M.S. Swallowing function pre/post DBS in Parkinson's disease: a case series. Presented at the International Dysphagia Research Symposium March 2012: Toronto, Canada.

Troche, M.S., Okun, M.S., **Johnson, A.**, Madhavan, A., & Sapienza, C.M. Patient Perceptions of Speech Production Pre and Post Deep Brain Stimulation Surgery. Presented at the Sixteenth Biennial Conference on Motor Speech: Santa Rosa, California.

CLINICAL EXPERIENCE

Speech-Language Pathologist and Clinical Instructor

Multi-disciplinary ALS Clinic and CSD Clinic, University of South Florida, May 2017-present

- Participated in an interdisciplinary clinic composed of neurology, speech-language pathology, physical therapy, occupational therapy, social work, respiratory therapy, dietary services and medical supply services for the evaluation and management of patients with amyotrophic lateral sclerosis (ALS)
- Utilized ALS specific batteries including the Edinburgh Cognitive Assessment Survey (ECAS), cognitive behavioral screen (CBS), perceptual motor speech evaluation, Functional Rating Scale in ALS (FRS), and communicative effectiveness survey (CES)
- Provided alternative and augmentative communication evaluations to patients with ALS for the attainment of speech generating devices that include the TOBII Dynavox, PRC Accent, Talk to Me Zuvo, and LC technologies eye gaze systems
- Provided voice and message banking evaluations, instructions, and resources to patients newly diagnosed with ALS in order to provide a proactive means for them to preserve their acoustic identity given anticipated anarthria with disease progression
- Supervised and instructed Master's level graduate clinicians during all screening, evaluative and therapeutic activities

Speech-Language Pathologist

Largo Medical Center, July 2016-June 2017

- Treated and evaluated the swallowing and cognitive-linguistic function of various patient populations in an acute care hospital using standard bedside clinical swallowing evaluations, videofluoroscopy, motor speech examinations, voice evaluations, and cognitive-linguistic batteries

Speech-Language Pathologist, Clinical-Research Coordinator, Clinician, and Clinical Supervisor

Clinical Research Neurorehabilitation Center, Teachers College, Columbia University, September 2015-July 2016

- Treated and evaluated patients with Parkinson's disease, progressive supranuclear palsy, and stroke for dysphagia, aphasia, dysarthria, dysphonia, and cognitive-linguistic disorders using a novel screening approach incorporating standard motor speech examinations, voice evaluations, reflex cough sensitivity testing using fog (nebulized water), voluntary cough assessments, oral mechanisms examinations, nasoendoscopy, the western aphasia battery, apraxia battery, and the MOCA
- Supervised and instructed Master's level student clinicians during evaluative and therapeutic activities

Speech-Language Pathologist and Clinical Supervisor/Instructor

Center for Movement Disorders and Neurorestoration, UF Health Shands Hospital, January 2013-August 2015

- Treated and evaluated patients with Parkinson's disease, multiple sclerosis, ALS, ataxia, Lewy body dementia, Alzheimer's disease, dystonia, head and neck cancer, dysphagia, aphasia, and cognitive-linguistic disorders using standard motor speech examinations, voice evaluations, pulmonary function testing, reflex cough sensitivity testing using capsaicin, voluntary cough assessments, nasoendoscopy, and MBS
- Supervised and instructed Master's level student clinicians during evaluative and therapeutic activities

Clinical Fellow (supervisor: Michelle S. Troche, Ph.D., CCC-SLP)

Center for Movement Disorders and Neurorestoration, Shands Hospital, May 2011- January 2013

- Treated and evaluated patients with motor speech disorders, dysphagia, and cognitive-

linguistic deficits including: Parkinson's disease, parkinsonism, multiple sclerosis, ALS, ataxia, Lewy body dementia, Alzheimer's disease, dystonia, stroke, and head and neck cancer using standard motor speech examinations, pulmonary function/cough tests, and modified barium videofluoroscopy

Graduate Extern (supervisor: Michelle S. Troche, Ph.D., CCC-SLP)

Center for Movement Disorders and Neurorestoration, UF Speech & Hearing Clinic at Shands, January 2011-May 2011

- Treated and evaluated patients with Parkinson's disease, dystonia, Head and Neck cancer, dysphagia, and cognitive linguistic disorders using standard examinations and fluoroscopy

Graduate Clinician, Motor Speech Practicum (supervisor: John C. Rosenbek, Ph.D. CCC-SLP)
UF Speech & Hearing Clinic at Shands, August 2010-December 2010

- Treated and evaluated patients with aphasia, TBI, and neurodegenerative disorders for dysphagia and dysarthria in an outpatient and inpatient setting
- Utilized standard motor speech evaluations, videofluoroscopy, Vnest, ARCS, SCRIPTS, and Sound Production Therapy

Graduate Clinician, Dysphagia Practicum (supervisor: Michael Crary, Ph.D. CCC-SLP)

UF Speech & Hearing Clinic at Shands, May 2010-July 2010

- Evaluated and analyzed patients with various diseases (TBI, stroke, H/N cancer) and dysphagia in an outpatient setting using clinical examinations, nasoendoscopy and videofluoroscopy

Graduate Clinician, Applied Craniofacial Anomalies

UF Speech & Hearing Clinic and Shands, January 2010-May 2010

- Evaluated and treated pediatric patients with cleft lip and/or palate and other craniofacial anomalies using articulation and phonological therapy
- Participated in the assessment of patients age birth-21 years in a Craniofacial interdisciplinary medical team and provided recommendations to patients and families

Graduate Clinician, Applied Pediatrics

UF Speech & Hearing Clinic, August 2009-December 2009

- Evaluated and treated pediatric patients with autism and Langer Gideon's disease
Gained experience utilizing the Hanen Approach and social therapy techniques

SERVICE

Masters Student Mentor, Laboratory for the study of Upper Airway Dysfunction, Speech, Language, & Hearing Sciences, Teachers College, Columbia University, September 2015-July 2016

Parkinson's disease and Stroke Support Group Education, provider for Mount Sinai, New York, NY; New York Methodist Hospital, Brooklyn, NY; Dance for PD, Brooklyn, NY, September 2015-present

Parkinson's disease Education Day Presenter, University of Florida Center for Movement Disorders and Neurorestoration, August 2013-May 2015

Representative, Public Health and Health Profession Student Council
University of Florida, August 2014-May 2015

Undergraduate Student Mentor, Laboratory for the study of Upper Airway Dysfunction
Speech, Language, & Hearing Sciences, University of Florida, August 2011-August 2015

Co-Advisor, Graduate National Student Speech-Language Hearing Association
Speech, Language, & Hearing Sciences, University of Florida, August 2013-May 2014

REFERENCES

Michelle S. Troche, Ph.D. CCC/SLP, michelle.troche@gmail.com & mst2139@tc.columbia.edu
Karen W. Hegland, Ph.D. CCC/SLP, kwheeler@ufl.edu
John C. Rosenbek, Ph.D. CCC/SLP, rosenbek@ufl.edu
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Joy Gaziano, M.S. jgaziano@usf.edu