

# LYNSEY M. KEATOR M.A, CCC-SLP

LKeator@email.sc.edu • (413) 537-0674

## EDUCATION

### **The University of South Carolina**

*Doctor of Philosophy, Communication Sciences and Disorders*

Columbia, SC  
2018

### **The University of Massachusetts Amherst**

*Master of Arts, Communication Disorders*

Concentration in Speech-Language Pathology

Amherst, MA  
2014-2016

### **The University of Delaware**

*Bachelor of Science, Cognitive Science*

Concentration in Speech-Language Pathology

*Bachelor of Arts, Spanish Studies*

Minor: Psychology

Newark, DE  
2009-2013

## RESEARCH EXPERIENCE

### **Center for the Study of Aphasia Recovery (C-STAR) and The Aphasia Lab**

*Doctoral Student and Graduate Research Assistant, University of South Carolina*

Columbia, SC  
2018-Present

- Under the direction of Dr. Julius Fridriksson, PhD, administer, score and analyze behavioral and neuroimaging data related to stroke-induced aphasia, schedule and recruit participants for ongoing studies.
- Implement resting state functional connectivity to determine networks associated with language recovery in chronic aphasia.
- Lead community-based education trainings and events for caregivers and participants.

### **Graduate Civic Scholars Program**

*Graduate Civic Scholar, University of South Carolina*

Columbia, SC  
2019-Present

- Conduct action-based research centered around community and public engagement through involvement in interdisciplinary research, social justice initiatives, and scholarship to address societal needs, specific to community awareness and education regarding stroke and aphasia.

### **Stroke Cognitive Outcomes and Recovery (SCORE) Lab**

*Research Speech-Language Pathologist, Johns Hopkins Medicine*

Baltimore, MD  
2017- 2018

- Investigated longitudinal recovery related to focal post-stroke aphasia using behavioral assessments and neuroimaging techniques under the direction of Dr. Argye Hillis, MD and in collaboration with C-STAR implemented clinical trial of transcranial direct current stimulation.
- Collected and analyzed clinical data specific to primary progressive aphasia.

### **Project REMOTE**

*Research Fellow, funded by U.S. DOE, University of Massachusetts Amherst*

Amherst, MA  
2014- 2016

- Recruited for specialized training program under Dr. Mary Andrianopoulos to investigate motor speech disorders in neurodevelopmental disorders, and service implementation with telehealth models.

### **Brain Research on Chronic Aphasia (BRoCA) Lab**

*Research Assistant, University of Massachusetts Amherst*

Amherst, MA  
2015- 2016

- Provided speech language therapy sessions using a script-based teletherapy model for patients with post-stroke aphasia under the direction of Dr. Jacquie Kurland and Pauline Stokes, CCC-SLP.

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### The Infant Language Project

Research Assistant, University of Delaware

Newark, DE

2013

- Implemented studies in the Infant Language Project (now, the Child's Play, Learning and Development) Lab with Dr. Roberta Golinkoff to explore how children develop language and spatial skills.

### Psycholinguistics Lab

Research Assistant, University of Delaware

Newark, DE

2010- 2012

- Implemented behavioral measures and electrophysiological measures of brain activity (EEG) under Dr. Arild Hestvik to examine cognitive neuroscience of behavioral psycholinguistics.

## PUBLICATIONS AND PRESENTATIONS

**Keator, L.,** Wright, A., Saxena, S., Kim, K., Demsky, C., Sebastian, R., Sheppard, S., Breining, B., Hillis, A., & Tippet., D. *Naming, Semantic Knowledge, and Behavior: Correlations in Primary Progressive Aphasia*. Neurocase, June 2019. Presentation at the American Speech Language Hearing Association Conference, Boston, MA. 2018.

**Keator, L.,** Basilakos, A., Fridriksson, J. A Survey Study of Clinical Applications of tDCS: Speech-Language Pathologists' Perspectives (under review). Abstract accepted to the 2019 ASHA Convention as a technical talk.

**Keator, L.,** Faria, A., Kim, K., Saxena, S., Wright, A., Sheppard, S., Breining, B., Goldberg, E., Tippet., D., & Hillis, A. *Narrative speech in acute stroke reveal critical linguistic and neuroanatomical correlates*. (under review). Poster Presentation at the 57<sup>th</sup> Annual Meeting of the Academy of Aphasia, Montreal, CA. 2018

**Keator, L.,** Faria, A., Yourganov, G., Hillis, A., & Tippet., D. *Application of the Dual Stream Model to Primary Progressive Aphasia: Neuroanatomical and Behavioral Correlates*. (under review). Poster presentation at the 48<sup>th</sup> Clinical Aphasiology Conference, Austin, TX. 2018.

**Keator, L.,** Yourganov, G., Rorden, C., Bonilha, L., Fridriksson, J. *Parieto-temporal functional connectivity underlying auditory comprehension in chronic stroke*. Accepted as poster presentation at the 49th Clinical Aphasiology Conference, Whitefish, MT. 2019. (Publication in progress).

Johnson, L., **Keator, L.,** Thors, H., Basilakos, A., Yourganov, G. Fridriksson, J. *Speech entrainment improves synchrony between anterior and posterior cortical speech areas in non-fluent aphasia*. (Publication in progress). Accepted as poster presentation at the 49th Clinical Aphasiology Conference, Whitefish, MT. 2019.

Sheppard, S., **Keator, L.,** Breining, B., Wright, A., Saxena, S., Tippet, D., Hillis, AE. *The Right Hemisphere Ventral Stream for Emotional Prosody Perception: Evidence from Acute Stroke*. (under review). JAMA Neurology. Poster Presented at Academy of Aphasia, Montreal, CA. 2018.

Kim, K., Adams, L., **Keator, L.,** Sheppard, S., Breining, B., Rorden, C., Fridriksson, J., Bonilha, L., Rogalsky, C., Love, T. Hickok, G., Hillis, AE. *Phoneme Discrimination Deficits after Left Hemisphere Stroke*. Brain and Language, 2019.

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Odolil, A., Wright, AE., **Keator, L.**, Sheppard, S., Breining, B., Tippet, D., Hillis, AE. Severity of Leukoariosis is Associated with Rate of Decline in Naming in Primary Progressive Aphasia. *Aphasiology*. 2019.

### **CLINICAL EXPERIENCE**

#### **Prisma Health Richland Hospital**

Columbia, SC

*Speech-Language Pathologist, PRN*

2019-Present

- Utilize evidence-based practices to provide individual rehabilitation services for adults receiving speech, language, cognitive and dysphagia rehabilitation in the acute inpatient setting of a 641-bed, Level I Trauma and certified Stroke Center.
- Assess and manage neurological symptoms secondary to TBI, CVA, and related pathologies.
- Administer and interpret results from bedside swallow examinations and 3-ounce water test to evaluate swallow function and prescribe diet recommendations.
- Provide therapy utilizing swallow exercises and EMST for adults with dysphagia secondary to neurological and cardiac pathologies.

#### **Johns Hopkins University School of Medicine**

Baltimore, MD

*Research Speech-Language Pathologist*

2017-2018

- Administered extensive language and cognitive batteries to acute stroke patients on the Brain Rescue Unit and through the subacute and chronic stages of recovery in an outpatient setting.
- Partnered with Dr. Argye Hillis in her weekly Neurology Outpatient Clinic to evaluate patients with a variety of neurological disorders including post-stroke aphasia and primary progressive aphasia.
- Paired neuroimaging techniques and transcranial direct current stimulation for the purpose of aphasia research.

#### **Johns Hopkins Hospital, Physical Medicine and Rehabilitation**

Baltimore, MD

*Speech-Language Pathologist, Per Diem*

2017-2018

- Completed chart reviews, evaluated, and treated patients with a myriad of neurological diagnoses in the Comprehensive Inpatient Integrated Rehabilitation Program. Collaborated with medical team and educated family members.

#### **Genesis Rehabilitation and Healthcare**

Hamden, CT

*Clinical Fellow*

2016- 2017

- Conduct bedside swallow, cognitive and language evaluations, interpret results, devise and implement treatment recommendations for patients with diverse medical diagnoses in a 305-bed facility.

### **TEACHING AND CLINICAL SUPERVISION ASSIGNMENTS**

#### **University of South Carolina**

Columbia, SC

Introduction to Speech-Language Pathology and Audiology

Fall 2019

*Instructor of Record*

#### **Columbia College Education Department**

Columbia, SC

*Research Collaborator and undergraduate student mentor*

2019-Present

- Collaborative research project and grant application (funding awarded 4/2019 by South Carolina Independent College and Universities, Inc.) with Dr. AnnMarie Knight, CCC-SLP.

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### **Speech and Hearing Research Center**

*Clinical supervisor, University of South Carolina*

Columbia, SC

2018-Present

- Provide direct supervision for Master's Speech-Language Pathology students related to clinical documentation and therapy implementation. Aphasia Rehabilitation Groups, weekly community-based group therapy for stroke survivors with aphasia

### **Aphasia Lab**

*Clinical supervisor, University of South Carolina*

Columbia, SC

2018-Present

- Supervise Master's Speech-Language Pathology students in clinical research evaluations for Lesion Impairment Mapping Experiment, a research protocol to investigate linguistic and cognitive deficits in chronic right and left hemisphere stroke patients

### **HONORS**

- Academy of Neurologic Communication Disorders and Sciences Student Fellowship 2019
- Student Representative for Department Chair Search Committee  
*University of South Carolina, Communication Sciences and Disorders Department*
- Student Liaison for Communication Sciences and Disorder Department 2019  
*University of South Carolina, Communication Sciences and Disorders Department*
- Graduate Student Travel Award 2019  
*University of South Carolina, Graduate School*
- NIDCD Fellowship for the Research Symposium in Clinical Aphasiology 2019
- Graduate Civic Scholars Program 2019  
*University of South Carolina, Graduate School*
- Academy of Aphasia Young Investigator Travel Fellowship 2018
- Graduate Assistantship at University of South Carolina 2018- Present  
*University of South Carolina, Communication Sciences and Disorders Department*
- ANDCS Right Hemisphere Damage Writing Group 2017-Present
- Department of Education Graduate Fellowship at UMASS Amherst 2014- 2016  
*University of Massachusetts Amherst, Department of Communication Sciences and Disorders*
- Dean's List 2009- 2013  
*University of Delaware, College of Arts and Sciences*

### **CERTIFICATION, LICENSURE AND ASSOCIATIONS**

- Certificate of Clinical Competence, American Speech-Language Hearing Association 2017-Present
- Licensed Speech-Language Pathologist (CT, MD, SC) 2017-Present
- Lee Silverman Voice Treatment LOUD Certification 2015-Present
- National Student Speech Language Hearing Association (NSSLHA) 2012- 2016

### **LEADERSHIP, COMMUNITY SERVICE AND VOLUNTEER EXPERIENCE**

- Aphasia Lab Lunch Bunch and Community Outreach, Columbia, SC 2017-Present
- Western Massachusetts Brain Injury Support Group, Amherst, MA 2015-2016
- Stroke Support Group, Amherst, MA 2015-2016
- Parkinson's Wellness Group, Amherst MA 2015-2016
- NSSLHA Community Service Chair, Newark, DE 2012-2013