

Andrea Vaughan, MS, CCC-SLP, BCS-S

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EDUCATION

M.S., Communication Disorders and Sciences, Southern Illinois University at Carbondale, 2009

Concentration: Communication Disorders and Sciences

B.S., Communication Disorders and Sciences, Southern Illinois University at Carbondale, 2007

Concentration: Communication Disorders and Sciences, Psychology, *summa cum laude*

TEACHING EXPERIENCE

Assistant Clinical Professor, Department of Speech, Language & Hearing Sciences, Saint Louis University, St. Louis, MO, 2017-Present

Clinical Courses: Clinical Practicum, Clinical Lab Modules (Creation & Implementation)

Academic Courses: Dysphagia, Pediatric Dysphagia, Professional Issues (Course Revision)

CLINICAL EXPERIENCE

Speech-Language Pathologist, Select Medical, St. Louis, MO, 2011-Present

- Evaluation and intervention in acute care setting of adults with acquired communication and swallowing disorders including instrumental swallowing evaluation.
- Colleague training on FEES administration, analysis, and documentation.
- Student and professional education regarding role of SLP in acute care provided to various disciplines.
- Nursing in-services as well as patient and family stroke education sessions.

Program Lead – Surgery and Cardiopulmonary Rehabilitation Programs, Barnes Jewish Hospital, St. Louis, MO, 2015-2016

- Managed daily operations for the rehab department including organization and staffing for physical therapy, occupational therapy, and rehabilitation technicians.
- Liaison between therapists and rehabilitation management as well as nursing and medical staff.
- Supervisor to PT, OT, SLP and rehabilitation technicians in areas of documentation, caseload management, career ladder development, and communication with medical staff.
- Leadership duties in addition to continued direct patient care as an SLP in all areas of acute care.

Speech-Language Pathologist, Barnes Jewish Hospital, St. Louis, MO, 2009-2015

- Extensive experience in all areas of acute care at a level 1 trauma center (neurology, neurosurgery, oncology, cardio-thoracic surgery, general surgery, trauma, head and neck cancer/surgery, and critically ill) including instrumental swallowing evaluation with MBS and FEES.
- Evaluation and intervention of swallowing and feeding disorders in the preterm and drug exposed infant population.
- Outpatient care included MBS and speaking valve evaluations and education.
- Developed and implemented countless projects for various patient populations, standards of care, educational materials, and student programs while providing clinical supervision for multiple students and training/mentoring new employees.
- Leadership duties included staffing organization in absence of discipline lead.

Speech-Language Pathologist, RehabCare Group, St. Louis, MO, 2009-2012

- Evaluation and intervention with adults and geriatrics in a SNF with acquired communication and swallowing disorders.

- Expanded clinical expertise with various populations and etiologies providing further experience with evaluation and intervention.

PRESENTATIONS (including development)

Conferences

- “Clinical Swallowing Evaluation for the Medical SLP,”** MSHA Convention, Lake of the Ozarks, MO, Scheduled for April 2022
- “Advanced FEES Rating & Analysis,”** Midwestern Adult Communication Disorders Group (MACDG) Winter Conference – Dysphagia Fest 2, Live Virtual Conference, Scheduled for March 2022
- “Being Proactive: Effective Hearing & Voice Competencies via Stimulated Patients,”** ASHA Convention, Washington, D.C., Pre-Recorded Virtual Presentation, November 2021
- “Speech-Language Pathology,”** Saint Louis University TRIO Program - Healthcare Exploration Day, Middle and High School STEAM students, Live Virtual Presentation, March 2021
- “A Multi-Disciplinary Approach to Comprehensive Stroke Rehabilitation Throughout the Continuum of Care”** – Saint Francis Medical Center Conference, Cape Girardeau, MO – March 2020
- “Cognitive Stimulation Therapy with Diverse Populations: Parkinson’s Disease,”** 3rd International Cognitive Stimulation Therapy Conference, St. Louis, MO – June 2019
- “Cognitive Stimulation Therapy with Diverse Populations: Hearing Loss,”** 3rd International Cognitive Stimulation Therapy Conference, St. Louis, MO – June 2019
- “Cognitive Stimulation Therapy in Parkinson’s Disease,”** Saint Louis University Doisy College of Health Sciences Non-Tenure Track Scholarship Colloquium, St. Louis, MO, May 2019
- “Student Supervision: Expectation vs Reality,”** MACDG Winter Conference, St. Louis, MO, March 2019
- “Voice & Swallowing Basics”** Black Enrichment and Homeschool Network, Saint Louis University, February 2019
- “Cognitive Stimulation Therapy in Patients with Parkinson’s Disease and Cognitive Decline,”** ASHA Convention, Boston, MA, November 2018
- “Interprofessional Geriatric Assessment Clinic: A Strategy for Teaching and Service,”** Saint Louis University Health and Social Justice Conference, St. Louis, MO, September 2018
- “FEES Analysis,”** Select Medical Journal Club, St. Louis, MO, August 2016
- “Cranial Nerve/Brainstem Review,”** Select Medical Journal Club, St. Louis, MO, November 2016
- “Let’s Talk: Dysphagia Across Settings,”** MACDG Conference, Co-Presenter, St. Louis, MO, August 2015
- “Tracheostomy Tubes, Speaking Valves and Suctioning,”** Barnes Jewish Hospital ICU Rehabilitation Course, St. Louis, MO, November 2014

University Level Lectures

- “The Aging Swallow,”** Saint Louis University, Nutrition and Dietetics Program, February 2022 & February 2018
- “The Medical SLP,”** Saint Louis University, NSSLHA, February 2022 & October 2020
- “Swallowing and Swallowing Disorders – The Basics,”** Saint Louis University, Speech, Language & Hearing Sciences Department, Fall and Spring Semesters Annually, 2018 - Present
- “Speech-Language Pathology in Acute Care,”** Saint Louis University, Speech, Language & Hearing Sciences Department, Spring Semester Annually, 2018 to Present
- “Anatomy and Physiology of the Voice,”** Saint Louis University, Fine and Performing Arts Department, Presentation and Lab Demonstration, March & April 2019
- “Voice & Vocal Hygiene,”** Saint Louis University, Fine and Performing Arts Department, February 2018
- “Evaluation of Swallowing with MBS & FEES,”** Saint Louis University, Speech, Language & Hearing Sciences Department, September 2017
- “Preterm & Infant Feeding,”** Maryville University Communication Sciences & Disorders Department, St. Louis, MO, June 2017
- “Dysphagia & Communication in Total Laryngectomy,”** Maryville University Communication Sciences & Disorders Department, St. Louis, MO, June 2017
- “The Role of the SLP in Traumatic Brain Injury,”** Washington University, Occupational Therapy Department, Panel Member, September 2014

Medical In-Services

- “Augmentative and Alternative Communication,”** Jesuit Hall Nursing Facility, St. Louis, MO, December 2021

“Communication & Swallowing in Parkinson’s disease,” Jesuit Hall Nursing Facility, St. Louis, MO, March 2019
“Swallowing and Swallowing Disorders,” Jesuit Hall Nursing Facility, St. Louis, MO, March 2019
“Cognitive Dysfunction & Intervention for Nursing Home Staff,” Jesuit Hall Nursing Facility, St. Louis, MO, April 2019
“SLP in Acute Care Setting,” SSM Health DePaul Health Center Nursing, Bridgeton, MO, June 2017, May 2017 & September 2016
“Role of SLP with Stroke Patients,” SSM Health DePaul Health Center Patients & Families, Bridgeton, MO, twice weekly throughout 2016-2017
“Preterm/Drug Exposed Cue-Based Infant Feeding,” Barnes Jewish Hospital Nursing, St. Louis, MO, May - August 2015
“Role of SLP in Acute Care,” Barnes Jewish Hospital Nursing, St. Louis, MO, December 2015 & January 2016

PUBLICATIONS

Vaughan, A. (2021). **“University News: Saint Louis University.”** The *MSHA Link*, vol. 54, no. 2, 12-14.
Vaughan, A. (2021). **“GWEP Pivots to Virtual Delivery: Speech-Language-Hearing Clinic.”** *Aging Successfully*, vol. XXX, no.1, 19-22.

CLINICAL RESEARCH PARTICIPATION

“Cognitive Stimulation Therapy,” Saint Louis University, Medical Family Therapy Program, St. Louis, MO, January 2019 – December 2020

- Collaborated and participated in a randomized controlled trial research study on the effects of “Cognitive Stimulation Therapy,” a psychosocial group designed to address cognitive deficits, in a group of community-based patients with dementia.
- Study ongoing with a Saint Louis University Health Sciences grant –Spring 2019 - Present

“Association of a Perioperative Education Program with Unplanned Readmission Following Total Laryngectomy,” Barnes Jewish Hospital, St. Louis, MO, December 2014 - April 2016

- Designed and created protocol to provided preoperative and postoperative education to patients with total laryngectomy regarding anatomy, swallowing and communicative changes.
- Graboyes, E.M., Kallogjeri, D, Zerega, J., Kukuljan, S., Neal, L., Rosenquist, K. & Nussenbaum, B. (2017). Association of a Perioperative Education Program with Unplanned Readmission Following Total Laryngectomy. *JAMA Otolaryngol Head Neck Surg.* 143(12):1200-1206.

“A Validated Swallow Screener for Dysphagia and Aspiration in Patients with Stroke,” SSM Health, St. Louis, MO, July November 2016

- Completed bedside swallow evaluations with the MASA and if necessary, MBS or FEES on patients with stroke to evaluate oropharyngeal swallowing function.
- Behera, A., Read, D., Jackson, N., Saour, B., Alshekhlee, D., & Mosier, A.K. (2018). A Validated Swallow Screener for Dysphagia and Aspiration in Patients with Stroke. *Journal of Stroke and Cerebrovascular Diseases.* 27(7) 1897-1904.

“Muscle Strength and Physical Function Effect on Swallowing Ability,” Barnes Jewish Hospital, St. Louis, MO, February 2015 – April 2016

- Included collaborative meetings with physical therapy colleagues regarding research question, methods, inclusion/exclusion criteria, data collection, variables, and initial IRB paperwork.
- Sole SLP on initial project to determine patient population, swallowing assessment tools and outcome scales.
- Project ongoing at previous place of employment

GRANTS

Geriatric Workforce Enhancement Program (GWEP) Grant (US Department of Health and Human Services, 2019 - Current

SPEAK OUT!® & LOUD Crowd® Grant (Parkinson Voice Project, 2022) – Pending Approval

PROFESSIONAL MEMBERSHIPS

American Speech Language Hearing Association (ASHA), 2009 - Present

Missouri Speech Language Hearing Association (MSHA), 2009 - Present

National Foundation of Swallowing Disorders (NFSD), 2018 - Present

SERVICE

Interdisciplinary Patient Simulation Lab, Saint Louis University, Physical Therapy Program, February 2022
Student Poster Sessions Judge, Missouri Speech Language Hearing Association Convention, Lake of the Ozarks, MO, April 2021

Faculty Advisor, Saint Louis University National Student Speech Language Hearing Association, August 2019 – Present

Coach and Judge, Saint Louis University Interdisciplinary Geriatric Case Competition, Fall Semester Annually, 2018 – Present

Speech-Language Pathology Screenings, Saint Louis University Interdisciplinary Geriatric Assessment Clinic, Monthly, August 2017 – Present

Interprofessional Team Case Study Presentation, Harris Stowe State University High School Summer Camp, July 2019

Flexible and Rigid Stroboscopy Lab Demonstration, Saint Louis University, Department of Fine and Performing Arts Department, March & April 2019

Fiberoptic Endoscopic Evaluation of Swallowing & Flexible and Rigid Stroboscopy Lab Demonstration, Black Enrichment and Homeschool Network, Saint Louis University, February 2019

COMMITTEES

President's Coordinating Council HIPAA Subcommittee, Saint Louis University, 2018 – 2021

Stroke Team, SSM Health Rehabilitation Network - 2016-2017

Speech Practice Council, Select Medical, 2016-2017

Share Governance, Barnes Jewish Hospital, Chair 2015-2016, Co-Chair 2014-2015

Rehabilitation Engagement Committee (REC), Chair 2012-2014, Member 2014-2016

Speech-Language Pathology Discipline Team, Barnes Jewish Hospital, Chair 2012, Member 2011-2016

Speech-Language Pathology Epic Subject Matter Expert, Barnes Jewish Hospital, 2015-2016

ICU Clinical Guidelines Project, Barnes Jewish Hospital, 2016

Mentor Committee, Barnes Jewish Hospital, 2015-2016

Baby Team, Barnes Jewish Hospital, 2014-2016

AWARDS AND HONORS

Board Certified Specialist in Swallowing and Swallowing Disorders, American Speech Language Hearing Association, 2019

Award for Continuing Education (ACE), American Speech Language Hearing Association, 2012, 2016, 2018, 2019, 2021

Clinical Ladder Proficient Level, Select Medical, 2016

Clinical Ladder Senior Level, Select Medical, 2017

Rehab Excellence in Leadership Award, Barnes Jewish Hospital, 2015

Above and Beyond Award, Barnes Jewish Hospital, 2015

Career Ladder Level III, Barnes Jewish Hospital, 2015

Rehab Professional Excellence Award, Barnes Jewish Hospital, 2014

Career Ladder Level I, Barnes Jewish Hospital, 2014

Career Ladder Level II, Barnes Jewish Hospital, 2012

SPECIALTY SKILLS/CERTIFICATIONS

Board Certified Specialist in Swallowing and Swallowing Disorders, American Speech Language Hearing Association, 2019

Certificate of Clinical Competence, American Speech Language Hearing Association, Certification Number: 12124612, 2010 - Present

Licensed Speech-Language Pathologist, Missouri Division of Professional Registration, License Number: 2010012722, 2009 - Present

Licensed Speech-Language Pathologist, Illinois Department of Financial & Professional Regulation, 2022,
Processing

Certified Basic Life Support Provider, American Heart Association, 2009 - Present

Registered MBSImP Clinician, Northern Speech Services, 2019

Fiberoptic Endoscopic Evaluation of Swallowing (FEES) Administration/Analysis/Education, Barnes Jewish
Hospital, 2011

Rigid and Flexible Videostroboscopy Administration/Analysis, SA Swallowing Services, 2018

Registered SPEAK OUT!® and LOUD Crowd® Therapy Provider, Parkinson Voice Project, 2021

Certified Cognitive Stimulation Therapy Provider, Saint Louis University, 2017

Certified Vital Stim Therapy Provider, CAIO Seminars, 2010-2018