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

3750 Lindell Blvd, Office 023A Saint Louis, MO 63108 Office: 314-977-3402

andrea.vaughan@health.slu.edu

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

UNIVERSITY ADMINISTRATIVE EXPERIENCE

Director of Clinical Education, Department of Speech, Language & Hearing Sciences, Saint Louis University, St. Louis, MO, 2024 - Present

Responsible for planning and coordinating the clinical education for graduate students during their 6semester program in the depth and breadth of scope of speech-language pathology practice across
populations to satisfy ASHA clinical standards for certification. Primary role is to organize direct clinical
experiences in a variety settings addressing screenings, diagnostics, treatment and counseling for
children and/or adults presenting with a variety of disabilities or diagnoses in the areas of speech,
language, hearing, swallowing and social aspects.

UNIVERSITY TEACHING EXPERIENCE

Associate Clinical Professor, Department of Speech, Language & Hearing Sciences, Saint Louis University, St. Louis, MO, 2024 - Present (see academic/clinical coursework for details)

Assistant Clinical Professor, Department of Speech, Language & Hearing Sciences, Saint Louis University, St. Louis, MO, 2017-2024 (see academic/clinical coursework for details)

Academic and Clinical Coursework Instruction

- Off Site Clinical Practicum (Fall, Spring Semesters Annually, 2024 Present)
 - Provide instruction to supplement direct client intervention relative to professional issues that impact provision of diagnostic and therapeutic services across the lifespan of individuals with communication disorders. Coursework includes guided self-reflection, role-playing, hands-on learning, readings, and written and oral feedback.
- Foundations of Contemporary Clinical Practice (Fall, Spring, Summer Semesters Annually, 2024 Present), primary
 - Provide instruction as a component of the overall Clinical Practicum experience designed to address non-academic issues presented in a seminar format. Classes are designed to supplement direct client intervention relative to professional issues that impact provision of diagnostic and therapeutic services across the lifespan of individuals with communication disorders.

- Clinical Practicum (Fall, Spring, Summer Semesters Annually, 2017 Present), co-taught
 - Provide hands-on clinical instruction to graduate level SLP students in screenings, diagnostics, treatment and counseling for children or adults with acquired speech or swallowing diagnoses at the Reinert Speech, Language & Hearing Clinic.
 - o Instruction also provided in various sites or clinics throughout the St. Louis, MO area.
- Clinical Lab Modules (Summer Semester Annually, 2018 Present), co-taught
 - Provide clinical learning and application of knowledge in evaluation of voice and swallowing to graduate level SLP students.
 - Experiences include hands-on and practical learning experiences (various evaluation tools, specialized instrumentation, simulation, case studies and group learning modules.)
 - Course creation & implementation with co-instructors (responsible for specialized content independently), 2018
- Dysphagia (Spring Semester Annually, 2019 Present)
 - Provide academic and clinical instruction to graduate level SLP students in the study of anatomy, physiology, evaluation, and intervention of swallowing and swallowing disorders throughout the lifespan.
 - Provide students with hands-on clinical experiences in acute care medical facility in the St. Louis, MO area as well as completion of the Modified Barium Swallow Impairment Profile student training
- **Pediatric Dysphagia** (Summer Semester Annually, 2020 Present)
 - Provide academic and clinical instruction to graduate level SLP students in the study of anatomy, physiology, evaluation, and intervention of swallowing and feeding disorders in the pediatric population.
 - Provide students with simulated clinical experiences with preterm infant swallowing and feeding disorders.
- Professional Issues (Fall Semester Annually, 2022 Present), co-taught
 - Provide academic and clinical instruction to graduate level SLP students regarding business, legal, and ethical issues impacting clinical practice in medical speech-language pathology.
 - Provide students with clinical observation experiences in acute care and inpatient rehabilitation settings throughout the St. Louis, MO area.
 - Course revision in collaboration with co-instructor, 2022
 - o 1.0 credit hour course content creation & implementation, 2022

CLINICAL EXPERIENCE

Speech-Language Pathologist, Select Medical, St. Louis, MO, 2011-2024

- Evaluation and intervention in acute care setting of adults with acquired communication and swallowing disorders including instrumental swallowing evaluation.
- Colleague training and mentoring on swallowing instrumentation 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.

PROFESSIONAL PRESENTATIONS

Invited Presentations

- Vaughan, A. (Planned for October 2025). Diet Texture Modification Considerations. MACDG Fall Conference, Synchronous Virtual Presentation.
- Vaughan, A. (May 9, 2025). Addressing Dysarthria & Dysphagia in Parkinson's Disease with SPEAK
 OUT! Speech Therapy, Institute for Translational Neuroscience Meeting Presentation.
- Vaughan, A. (2023.) *Advanced FEES Rating & Analysis*. BJC SLP Presentation, Synchronous Virtual Presentation.
- Vaughan, A. (2023). *Supporting Language Decline in Older Adults*. Saint Louis University 34th Annual Summer Geriatric Institute, St. Louis, MO.
- Vaughan, A. (2023). Make Your Voice Heard: Why Communication Changes in Parkinson's Disease & How to Treat Them. –Midwest Parkinson's Congress, St. Louis, MO.
- Vaughan, A. (2022). *Supporting Language Decline in Cognitive Stimulation Therapy.* Saint Louis University School of Medicine: Geriatric Grand Rounds, Synchronous Virtual Presentation.
- Vaughan, A. (2022). *Advanced FEES Rating & Analysis*. Midwestern Adult Communication Disorders Group (MACDG) Winter Conference: Dysphagia Fest 2.0, Virtual Synchronous Conference.

- Stegman, S., Vaughan, A. & Becker, D (2020). A Multi-Disciplinary Approach to Comprehensive Stroke Rehabilitation Throughout the Continuum of Care. Saint Francis Medical Center Conference. Cape Girardeau, MO.
- Vaughan, A. (2020). Advanced FEES Rating & Analysis. Saint Francis Medical Center Conference: SLP Breakout Session. Cape Girardeau, MO.
- Vaughan, A. (2019). Cognitive Stimulation Therapy with Diverse Populations: Parkinson's Disease.
 30th Annual SLU Summer Geriatric Institute & International Cognitive Stimulation Therapy Conference,
 St. Louis, MO.
- Vaughan, A. (2019). Cognitive Stimulation Therapy with Diverse Populations: Hearing Loss. 30th Annual SLU Summer Geriatric Institute & International Cognitive Stimulation Therapy Conference, St. Louis, MO.
- Henderson-Kalb, J., Berg-Weger, M., Fitzgerald, J. & Vaughan, A. (2018). *Interprofessional Geriatric Assessment Clinic: A Strategy for Teaching and Service*. Saint Louis University Health and Social Justice Conference, St. Louis, MO.
- Vaughan, A & Buxbaum, E. (2019). *Cognitive Stimulation Therapy in Parkinson's Disease*. Saint Louis University Doisy College of Health Sciences: Non-Tenure Track Scholarship Colloquium, St. Louis, MO.
- Vaughan, A., Wright-Jones, L., Masiongale, T., & Goodman, M. (2019). *Student Supervision: Expectation vs Reality.* MACDG Winter Conference, Co-Presenter, St. Louis, MO.
- Vaughan, A., Bilecan, A., Berdnarek, K., Estes, M., & Mosier, A. (2015). Let's Talk: Dysphagia Across
 Settings. MACDG Conference Summer Conference, Panel Presenter, St. Louis, MO.
- Vaughan, A. (2014). Tracheostomy Tubes, Speaking Valves and Suctioning. Barnes Jewish Hospital ICU Rehabilitation Course, St. Louis, MO.
- Stegman, A., Pitlyk, K., & Vaughan, A. (2014). The Role of the SLP in Traumatic Brain Injury.
 Washington University, Occupational Therapy Department Lecture Panel Member, St. Louis, MO.

National Conferences

- Vaughan, A. (2023). *Cognitive Stimulation Therapy: Addressing Language Deficits in Dementia*. 2023 ASHA Convention, Boston, MA.
- Vaughan, A. & Thurmon, S. (2021). Being Proactive: Effective Hearing & Voice Competencies via Stimulated Patients. 2021 ASHA Convention, Washington, D.C., Pre-Recorded Virtual Presentation.
- Vaughan, A. & Buxbaum, E. (2018). Cognitive Stimulation Therapy in Patients with Parkinson's Disease and Cognitive Decline. 2018 ASHA Convention, Boston, MA, Co-Presenter.

State Conferences

- Vaughan, A. (2023). *Cognitive Stimulation Therapy: Why the SLP is the Ideal Discipline.* 2023 MSHA Convention, Lake of the Ozarks, MO.
- Vaughan, A. (2022). *Clinical Swallowing Evaluation for the Medical SLP*. 2022 MSHA Convention, Lake of the Ozarks, MO.
- Vaughan, A. (2020) Advanced FEES Rating & Analysis. 2020 MSHA Convention. Presentation accepted;
 Convention cancelled due to the pandemic

University Level Presentations

• Vaughan, A. (2018, 2019, 2023). *Voice & Vocal Hygiene*. Saint Louis University Department of Fine and Performing Arts.

- Vaughan, A. (2018, 2022-Present). *The Aging Swallow & Dysphagia*. Saint Louis University Nutrition and Dietetics Program, St. Louis, MO.
- Vaughan, A. (2018 Present). *Medical Speech-Language Pathology*. Saint Louis University Department of Speech, Language & Hearing Sciences.
- Vaughan, A. (2018 2021). Swallowing and Swallowing Disorders The Basics. Saint Louis University
 Department of Speech, Language & Hearing Sciences, Fall and Spring Semesters Annually.
- Vaughan, A. (2017). *Evaluation of Swallowing with MBS & FEES.* Saint Louis University Department of Speech, Language & Hearing Sciences.
- Borgmeyer, H. & Vaughan, A. (2017). *Preterm & Infant Feeding.* Maryville University Department of Communication Sciences & Disorders. St. Louis, MO.
- Vaughan, A. (2017). *Dysphagia & Communication in Total Laryngectomy*. Maryville University Department of Communication Sciences & Disorders. St. Louis, MO.

Community Service Presentations

- Vaughan, A. (2023). *Make Your Voice Heard: Communication Changes in Parkinson's Disease & How to Treat Them.* American Parkinson's Disease Association Support Group Meeting, St. Louis, MO.
- Everhart, E., Iseman, S. & Vaughan, A. (2021). *Augmentative and Alternative Communication*. Jesuit Hall Nursing Facility, St. Louis, MO.
- Vaughan, A. (2021). *Speech-Language Pathology.* Saint Louis University TRIO Program: Healthcare Exploration Day for Middle and High School STEAM students, Live Virtual Presentation.
- Joseph, J., St. Louis, R. & Vaughan, A. (2019). *Communication & Swallowing in Parkinson's Disease.* Jesuit Hall Nursing Facility, St. Louis, MO.
- Joseph, J. & St. Louis, R & Vaughan, A. (2019). *Swallowing and Swallowing Disorders.* Jesuit Hall Nursing Facility, St. Louis, MO.
- Wallner, K. & Pope, E. & Vaughan, A. (2019). *Cognitive Dysfunction & Intervention for Nursing Home Staff.* Jesuit Hall Nursing Facility, St. Louis, MO.
- Vaughan, A. (2017, 2016). *SLP in the Acute Care Setting.* SSM Health DePaul Health Center Nursing, Bridgeton, MO.
- Vaughan, A. (2016-2017). *Role of SLP with Stroke Patients*. SSM Health DePaul Health Center Patients & Families, Bridgeton, MO, twice weekly.
- Vaughan, A. (2016). FEES Analysis. Select Medical SLP Journal Club, St. Louis, MO.
- Vaughan, A. (2016). *Cranial Nerve/Brainstem Review*. Select Medical SLP Journal Club, St. Louis, MO.
- Vaughan, A. (2015). Preterm/Drug Exposed Cue-Based Infant Feeding. Barnes Jewish Hospital Nursing, St. Louis, MO.
- Vaughan, A. (2015-2016). *Role of SLP in Acute Care.* Barnes Jewish Hospital Nursing, St. Louis, MO.

PUBLICATIONS

Peer Reviewed Publications

Henderson-Kalb, J., Berg-Weger, M., Ramel, M., Fitzgerald, J., Hawthorne, K. & Vaughan, A. (2022) A
 Student-Led Geriatric Assessment Clinic: Interprofessional education with an older adult
 population, Gerontology & Geriatrics Education, 1-12. Advance online publication.
 https://doi.org/10.1080/02701960.2022.2142577

Invited Publications

- Buxbaum, E. & Vaughan, A. (2022). What You Need To Know About Speech, Voice and Swallowing, and Why a Speech-Language Pathologist Can Be Your Best Next Step. American Parkinson Disease Association Greater St. Louis Chapter Newsletter, 36 (4), 8-9.
- Vaughan, A. (2021). *GWEP Pivots to Virtual Delivery: Speech-Language-Hearing Clinic.* Aging Successfully, vol. XXX, no.1, 19-22.

Invited Publication Reviews

 McCoy, Y.M. & Bice, E.M. (2024). Adult dysphagia clinical reasoning and decision-making guide. San Diego, CA: Plural Publishing, Inc. – Manuscript reviewer

GRANTS/RESEARCH

Funded Grants

- Parkinson's Disease Research and Support Fund St. Louis Community Foundation, May 2024 (Co-Investigator)
 - Grant awarded to promote multidimensional rehabilitation approaches to enhance physical and social wellbeing in Parkinson's disease.
 - Total grant amount awarded: \$100,000 (\$50,000 annually for 2 years)
- SPEAK OUT! Therapy & Research Grant Parkinson Voice Project, April 1, 2023 December 11, 2028 (Primary)
 - Inaugural monetary grant award provided to conduct research and provide evaluation and treatment to patients with Parkinson's disease and related movement disorders utilizing the SPEAK OUT! therapy protocol.
 - Research includes investigating the impact of SPEAK OUT! therapy on swallowing function utilizing pre- and post-therapy FEES.
 - Selected as the only site in the state of Missouri
 - Grant includes graduate student training and supplies
 - Total grant amount awarded: \$50,000
- SPEAK OUT! * & LOUD Crowd Program Development Grant Parkinson Voice Project, 2022 (Primary), 2021 (Contributor)
 - Award provided to provide evaluation and treatment to patients with Parkinson's disease and related movement disorders utilizing the SPEAK OUT! therapy protocol.
 - Grant includes graduate student training and supplies

Clinical Research/Grant Participation

- Gateway Geriatric Education Center Geriatric Work Force Enhancement Program (GWEP) Grant US Department of Health and Human Services, 2024 Current (Contributor)
 - Cognitive Stimulation Therapy (CST) Training Team, 2024
 - o Interdisciplinary Geriatric Assessment Clinic Member
 - Participated in various geriatric research programs including Geriatric Case Competition, and
 Cognitive Stimulation Therapy, Interdisciplinary Geriatric Assessment Clinic mobile van initiative
- Gateway Geriatric Education Center Geriatric Work Force Enhancement Program (GWEP) Grant US
 Department of Health and Human Services, 2019 -2024 (Contributor)
 - o Interdisciplinary Geriatric Assessment Clinic Co-Coordinator, 2022-2024

- Participated in various geriatric research programs including Geriatric Case Competition, and Cognitive Stimulation Therapy
- "Cognitive Stimulation Therapy in Outpatient Settings for Persons with Dementia," Saint Louis University, Medical Family Therapy Program, St. Louis, MO, 2019 2020 (Contributor)
 - 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.
 - Zubatsky, M., Berg-Weger, M., Amick, M., Blessing, D., Sansone, K., Brende, A., & Lundy, J., (2021).
 Cognitive Stimulation Therapy in Outpatient Settings for Persons with Dementia, *Innovation in Aging*, Volume 5, Issue Supplement 1, 932, https://doi.org/10.1093/geroni/igab046.3371
- "Association of a Perioperative Education Program with Unplanned Readmission Following Total Laryngectomy," Barnes Jewish Hospital, St. Louis, MO, 2014 – 2016 (Contributor)
 - Designed and created protocol to provide preoperative and postoperative evaluation and education to patients with total laryngectomy regarding anatomy, swallowing and communicative changes. Data from these evaluations was utilized in research.
 - 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, 2016 (Contributor)
 - Completed bedside swallow evaluations with the MASA and if necessary, MBS or FEES on patients with stroke to evaluate oropharyngeal swallowing function. Data from these evaluations was utilized in research.
 - o 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, 2015 – 2016 (Primary in Initial Stages)
 - o Included collaborative meetings with physical therapy colleagues regarding research questions, 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.
 - o Project completed at previous place of employment

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 2020
- ASHA Special Interest Group 13: Swallowing and Swallowing Disorders, 2016-2018

SERVICE

- Clinical Affiliations Committee, Saint Louis University, Member, 2024 Present
- Institute for Translational Neuroscience (ITN), Saint Louis University, Member, 2023 Present
- Faculty Search Committee Member, Assistant/Associate Professor (Adult Neurogenic Communication)
 - Speech, Language & Hearing Sciences at Saint Louis University, 2022 2023

- Doisy College of Health Sciences Workload Task Force Member, Saint Louis University, 2022 2024
- Faculty Co-Advisor, Saint Louis University National Student Speech Language Hearing Association,
 2019 Present
 - Responsible for overseeing organization finances, community service activities, Missouri Speech Language Hearing Association newsletter articles & general body meeting presentations regarding medical speech-language pathology
- **Judge**, Missouri Speech Language Hearing Association Convention Student Poster and Technical Sessions, Lake of the Ozarks, MO, 2021, 2022, 2023
- Interdisciplinary Patient Simulation Lab, Saint Louis University, Physical Therapy Program, Occupational Therapy Program, 2022, 2023, 2024
- **Coach and Judge**, Saint Louis University Interdisciplinary Geriatric Case Competition, Fall Semester Annually, 2018 2024
- **Speech-Language Pathology Screenings,** Saint Louis University Interdisciplinary Geriatric Assessment Clinic, Monthly, 2017 2024
- President's Coordinating Council HIPAA Subcommittee, Saint Louis University, 2018 2021
- Interprofessional Team Case Study Simulation, Harris Stowe State University High School Summer Camp, 2019
- **Flexible and Rigid Stroboscopy Lab Demonstration,** Saint Louis University, Department of Fine and Performing Arts, 2019, 2023
- Lecture and Fiberoptic Endoscopic Evaluation of Swallowing & Flexible and Rigid Stroboscopy Lab
 Demonstration, Black Enrichment and Homeschool Network, Saint Louis University, 2019
- 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

- Distinguished Teaching Award, Saint Louis University Doisy College of Health Sciences, 2022
- Board Certified Specialist in Swallowing and Swallowing Disorders, American Speech Language Hearing Association, 2019, Renewal 2024
- Award for Continuing Education (ACE), American Speech Language Hearing Association, 2012, 2016, 2018, 2019, 2020, 2022, 2023, 2024
- 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

- Certified Basic Life Support Provider, American Heart Association, 2009 Present
- Licensed SPEAK OUT! Therapy Provider, Parkinson Voice Project, 2021, 2024
- Registered MBSImP Clinician, Northern Speech Services, 2019, 2024
- Rigid and Flexible Videostroboscopy Administration/Analysis, SA Swallowing Services, 2018
- Certified Cognitive Stimulation Therapy Provider, Saint Louis University, 2017
- Fiberoptic Endoscopic Evaluation of Swallowing (FEES) Administration/Analysis/Education, Barnes Jewish Hospital, 2011
- Certified Vital Stim Therapy Provider, CAIO Seminars, 2010-2018

CERTIFICATIONS

- **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 Division of Professional Regulation, License Number: 146.016376, 2022 Present