

# **Mathew B. Vansant** | Curriculum Vitae

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## **EDUCATION**

Louisiana State University Doctoral Degree, Ph.D. Communication Sciences and Disorders	2019
University of Montevallo Master of Science Speech-Language Pathology	2004
University of Montevallo Bachelor of Science Major: Speech-Language Pathology Minor: Human Services	2001

## **AWARDS AND HONORS**

The Alpha Nu Circle of Omicron Delta Kappa (ODK), the National Leadership Honor Society, 2014  
Schwartzberg Graduate Student Scholarship, H&SS/LSU, 2014  
Sigma Alpha Phi Honor Society for Speech-Language Pathology, 2002  
The Speech and Hearing Association of Alabama Student Recognition Award for Outstanding Academic Achievement, 2004

## **FUNDING**

University of Montevallo Teaching & Scholarly Projects Grant: Optimizing the CSD Classroom for Tracheostomy Training, Hands-on Simulation, 2021, Funded \$1662

University of Montevallo Foundation & National Alumni Association Annual Allocations Grant, Swallowing and Voice Imaging Lab (SAVI-lab) Teaching and Clinical Equipment, 2020, Mathew B. Vansant, Funded \$3500

University of Montevallo 2019 Green Fund Proposal Award, Electric Vehicles Chargers on Campus, Anitra Ford and Mathew B. Vansant, Funded \$3000

Favre Family Award for Innovation, Vadel Shivers, Mathew Vansant, Deirdre Larsen, Andrew McWhorter, Melda Kunduk, \$15,000, March 2018

Graduate Student Travel Award, Graduate School, Louisiana State University, Fall 2017

College of Humanities and Social Sciences Travel Award, Louisiana State University, Fall 2017

Department of Communication Sciences and Disorders Travel Award, Louisiana State University, Fall 2017

Graduate Student Travel Award, LSU, June 2016

Graduate Assistant Fellowship, LSU, Fall 2014-Fall 2018

## **PUBLICATIONS**

### **PEER REVIEWED**

Henton, A., & **Vansant, M.** (2024). Using AR to Teach AR: Learning Outcomes of a Guided, Augmented Reality Hearing Loss and Auditory Rehabilitation Augmented Reality Hearing Loss and Auditory Rehabilitation Simulation with SLP Graduate Students Simulation with SLP Graduate Students. *Teaching & Learning in Communication Sciences & Disorders*, 8(1), 1–30. <https://doi.org/10.61403/2689-6443.1297>

Larsen, D., **Vansant, M.B.**, & Eisenhardt, M. (2023) Characterizing Gelatin-Based Desserts Using International Dysphagia Diet Standardisation Initiative Testing Methods. *Perspectives of the ASHA Special Interest Groups, Preprints*, 1–11. [https://doi.org/10.1044/2023\\_PERSP-23-00159](https://doi.org/10.1044/2023_PERSP-23-00159)

**Vansant, M.B.**, Parker, L.A., McWhorter, A.J. *et al.* Predicting Swallowing Outcomes from Objective Videofluoroscopic Timing and Displacement Measures in Head and Neck Cancer Patients. *Dysphagia* (2020). <https://doi.org/10.1007/s00455-020-10091-5>

Kunduk, M., **Vansant, M. B.**, Ikuma, T., & McWhorter, A. (2017). The Effects of the Menstrual Cycle on Vibratory Characteristics of the Vocal Folds Investigated With High-Speed Digital Imaging. *Journal of Voice*, 31(2), 182-187. doi:10.1016/j.jvoice.2016.08.001

**Vansant, M. B.**, Kunduk, M., & McWhorter, A. J. (2016). A review of postsurgical dysphagia in nonmalignant disease. *Current Opinion in Otolaryngology & Head and Neck Surgery*, 24(6), 477-482.

### **OTHER PUBLICATIONS**

**Vansant, M. B.**, Parker, L., & Kunduk, M. (2016). Establishing MBSS objective measurements: initial reliability outcomes. *LSHA Lagniappe Newsletter*. Summer 2016 edition.

### **PRESENTATIONS**

### **INTERNATIONAL/NATIONAL LEVEL PRESENTATIONS**

**Vansant, M.B.** & Henton, A. (2023) *Current Trends in Hands-On Simulation Training in Speech-Language Pathology*. Poster Presentation. American speech-Language and Hearing Convention (ASHA), Boston, MA.

Deirdre L., Eisenhardt, M., Perrini, A., & **Vansant, M.B.** (2023) *Characterizing Nationally Available Gelatin-Based Products Using IDDSI Testing Methods*. Poster Presentation. American Speech-Language and Hearing Convention (ASHA), Boston, MA.

**Vansant, M.B.**, McWhorter, A., Kunduk, M. (2023) *Impact of Patient Adherence to Behavioral Swallowing Exercises on Immediate Post-Radiation Swallowing Outcomes*. Poster Presentation. The American Head & Neck Society's 11th International Conference on Head and Neck Cancer, which took place in Montréal, Québec, Canada.

**Vansant, M.B.**, McWhorter, A., Kunduk, M. (2021) *The Impact of Xerostomia on Diet Level and Feeding Tube Use Immediately Following Radiation Therapy for Head and Neck Cancer*. Proposal accepted at the American Head and Neck Society 10<sup>th</sup> International Conference on Head & Neck Cancer, Chicago, IL. (Conference Changed to Virtual Format).

**Vansant, M.B.**, McWhorter, A., Kunduk, M. (2020) *Impact of Adherence to Exercise Volume on Swallowing Outcomes Following Radiation for Head/Neck Cancer*. Proposal accepted at the Annual Convention of the American Speech-Language-Hearing Association, San Diego, CA (Convention canceled).

Larsen, D., **Vansant, M. B.**, Shivers, V., McWhorter, A., Blouin, D., Kunduk, M. (2019) *The Relationship of Salivary Characteristics & Taste During Radiation for Head & Neck Cancer*. Poster Presentation. American speech-Language and Hearing Convention (ASHA), Orlando, FL.

**Vansant, M.B.**, McWhorter, A., Kunduk, M. (2019) *The Impact of SLP-Visit Frequency on Weight and Feeding Tube Use Immediately Following Radiation Therapy for Head and Neck Cancer*. Poster Presentation. Combined Otolaryngology Spring Meeting (COSM), Austin, TX.

Parker, L., **Vansant, M. B.**, Blouin, D., McWhorter, A., Kunduk, M. (2017) *Reliability of Videofluoroscopic Objective Timing and Displacement Measures for Head and Neck Cancer Patient*. Poster Presentation, American Speech-Language and Hearing Association Convention, Los Angeles, CA, 2017.

**Vansant, M. B.**, Parker, L., Blouin, D., McWhorter, A., Kunduk, M. (2017) *Predicting Swallowing Outcomes from objective Videofluoroscopic Timing and Displacement Measures in Head/Neck Cancer Population*. Flash Research Presentation, American Speech-Language and Hearing Association Convention, Los Angeles, CA, 2017.

**Vansant, M. B.**, Tyson, C., Norris, J., & Kunduk, M. (2016) *Collaborative learning models in communication sciences and disorders*. Poster Presentation, American Speech-Language and Hearing Association Convention, Philadelphia, PA

## **STATE AND COMMUNITY LEVEL PRESENTATIONS**

**Vansant M.B.**, (2020) *Current Trends and Evidence for Prophylactic Treatment of Head and Neck Cancer-Related Dysphagia*. Annual Convention of the Speech and Hearing Association of Alabama. (Invited presentation).

**Vansant, M.B.**, McWhorter, A., Kunduk, M. (2019) *Effects of visit frequency on swallowing function during organ preservation for head and neck cancer*. Department of Otolaryngology-Head and Neck Surgery, Louisiana State University Health Sciences Center

**Vansant, M. B.**, Parker, L., & Kunduk. M. (June 2016). *Establishing MBSS objective measurements: initial reliability outcomes*, Louisiana Speech and Hearing Annual Convention, 2016

**Vansant, M. B.**, (2014, 2015) *Presentation and consultation; FEES interpretation and program management*, Our Lady of the Lake Hospital Acute Care SLP Staff.

**Vansant, M. B.**, (2010, 2011) *Aural rehab; evaluation, treatment, and clinical implications*, Presented by Champion Partners in Rehab, Approved by the Alabama Board of Speech Pathology and Audiology

**Vansant, M. B.** (2009) *Cognitive staging; diagnosis, treatment, and clinical implications*, Presented by Champion Partners in Rehab, Approved by the Alabama Board of Speech Pathology and Audiology

**Vansant, M. B.** (2008) *Incorporating current dysphagia trends; treatment of geriatric dysphagia*, Presented by Champion Partners in Rehab, Approved by the Alabama Board of Speech Pathology and Audiology

## **UNIVERSITY, DEPARTMENTAL LEVEL PRESENTATIONS**

Kunduk, M., **Vansant, M. B.**, Ikuma, T., & McWhorter, A., (March 2016) *Do vocal fold vibratory characteristics change during the menstrual cycle?*, Roundtable Presentation, Department of Communication Sciences and Disorders, LSU

**Vansant, M. B.** (January 2016), *Neuroanatomy, cranial nerve and assessment, and motor control*, Graduate Continuing Education Seminar, LSU

**Vansant, M.B.**, Tyson, C., Parr, C., & Parker, L., (February 2016) *Reviewing the journal article*, Roundtable Presentation, Department of Communication Sciences and Disorders, LSU

**Vansant, M. B.** (November 2015), *A brief introductory discussion of nutrition and muscle wasting in the elderly population, associated issues of dysphagia, and how the SLP might respond*. Presented to the undergraduate chapter of LSU NSSLHA

**Vansant, M. B.** (February 2015, February 2016) *Job wanted! Resumes and interviews for the SLP*, Presented to the graduate chapter of LSU NSSLHA

## **CLINICAL WORKS AUTHORED**

**Vansant, M. B.** (2005), *Clinical services manual for speech-language pathology*, for Champion, Partners in Rehab

**Vansant, M. B.** (2005), *Clinical protocol of endoscopy*, for Champion, Partners in Rehab

## **TEACHING/COURSES**

### **Louisiana State University**

#### **Undergraduate**

COMD 4681, Clinical Preparation and Observation Laboratory

COMD 2081, Introduction to Communication Disorders

#### **Graduate**

COMD 7153, Research Design in Communication Disorders

### **University of Montevallo**

#### **Graduate**

CSD 501, Neuroscience

CSD 530, Dysphagia

CSD 540, Acquired Cognitive-Communicative Disorders in Adults

CSD 545, Seminar in Voice

CSD 546, Aphasia

CSD 549, Clinical Assessment and Counseling

CSD Clinical Practicum

CSD 500, Thesis

#### **Undergraduate**

CSD 300, Undergraduate Research and Technical Writing

CSD 380, Anatomy and Physiology for Speech-Language Pathology and Audiology

CSD 473, Introduction to Medical Speech-Language Pathology

CSD 495, Voice Disorders

## **CURRENT RESEARCH**

Primary interest includes clinical research in dysphagia treatment and simulation-based training methods. In-progress research projects in dysphagia include assessment quantitative timing and displacement measurements, treatment dosage and timing, biofeedback, adherence, and the use of prophylactic treatment in the head/neck cancer population. Additional research is examining

the use of various stimulated training methods in the graduate level speech-language pathology classroom.

## DISSERTATION

**Vansant, Mathew B**, "Effects of Visit Frequency on Swallowing Function During Organ Preservation for Head and Neck Cancer" (2019). *LSU Doctoral Dissertations*. 5027.  
[https://repository.lsu.edu/gradschool\\_dissertations/5027](https://repository.lsu.edu/gradschool_dissertations/5027)

Major advisor: Melda Kunduk, Ph.D.; Committee: Stephanie Daniels, Ph.D., Janna Oetting, Ph.D., Andrew McWhorter, M.D.; Dean's representative: Dennis Landin, Ph.D., Alexandra Noel, Ph.D.

## SERVICE

Reviewer, Journal of Communication Disorders	2022-
Member/Contributor, United States International Dysphagia Diet Standardization Initiative Reference Group, Research and Data Collection,	Fall 2022-
Human and Animal Subjects Research Committee, Committee Member at Large, University of Montevallo	2020-
Curriculum Committee Member, Department of Communication Science and Disorders, University of Montevallo	2019-
Interprofessional Practice Committee Chair, Department of Communication Science and Disorders, University of Montevallo	2019-2021
Fall Symposium Committee Chair, Department of Communication Science and Disorders, University of Montevallo	2020-
Fall Symposium Committee Member, Department of Communication Science and Disorders, University of Montevallo	2019
Lab Supervisor, Laryngeal Imaging Lab, Louisiana State University, Department of Communication Sciences and Disorders	Fall 2014-2018
Coordinator/Presenter, New Ph.D. Student Orientation, Department of Communication Sciences and Disorders, Louisiana State University	August 2016, 2017
Coordinator, Ph.D. Student Meeting, Department of Communication Sciences and Disorders, Louisiana State University	2016-2017

Student Coordinator, Research Roundtable, Department of Communication Sciences and Disorders, Louisiana State University	Spring 2016- Spring 2017
Revisions and Updates, Doctoral Procedures Handbook. Department of Communication Sciences and Disorders, Louisiana State University	August 2016
Panel Speaker, Graduate Open House, Department of Communication Sciences and Disorders, Louisiana State University	October 2015
President, NSSLHA University of Montevallo Chapter	2003-2004

**PROFESSIONAL EXPERIENCE**

University of Montevallo, Assistant Professor Communication Science and Disorders	Fall 2019-
University of Montevallo, Instructor Communication Science and Disorders	Spring, Summer 2019
University of Montevallo, Adjunct Instructor Communication Science and Disorders	Fall 2018
Louisiana State University Graduate Assistant/Doctoral Student Communication Sciences and Disorders	2014--2018
Our Lady of the Lake Voice Center Department of Laryngology Researcher, Clinician	2014--2018
University of Montevallo, Adjunct Instructor Communication Science and Disorders	Fall 2013
Champion, Partners in Rehab Head of Endoscopy Services	2005-2014
Restore Therapy Services Speech Language Pathologist, Team Facilitator, Rehab Manager	2004-2005

**MASTER'S EXPERIENCE**

University of Montevallo, Montevallo, AL Graduate Assistant	2002-2004
University of Alabama at Birmingham, Birmingham, AL	2003

Research Grant Testing

Additional Clinical Internships

2002-2004

University of Montevallo Speech and Hearing Clinic

Voice Lab; Dr. Waguespack, Otolaryngologist Office, Birmingham, AL

Veteran's Medical Center, Birmingham, AL

Spain Park High School/Hoover High School, Hoover, AL

## **CERTIFICATIONS**

Certified, Facial Neuromuscular Electrical Stimulation, 2004

Certified, Neuromuscular Electrical Stimulation, eSwallow, 2013

Certification, Lymphatic massage for head/neck cancer, 2016

Certificate of Clinical Competence, ASHA 2005--present

## **MEMBERSHIPS AND LICENSES**

American Speech-Language-Hearing Association, Member #12068937, 2004-present

Speech and Hearing Association of Alabama, Member, 2019-present

Licensed Speech-Language Pathologist, Louisiana Board of Examiners for

Speech-Language Pathology and Audiology, 2014-2019

Licensed Speech-Language Pathologist, Alabama Board of Examiners for

Speech-Language Pathology and Audiology, 2004-2014, 2019-present

Member, Louisiana Speech-Language and Hearing Association, 2014-2018

National Student Speech and Language Association, 2002-2004

National Student Speech and Language Association, University of Montevallo Chapter, 1998-2004 Chapter President, 2003-2004