

# Deirdre Larsen, MA, CCC-SLP

East Carolina University

Department of Communication Sciences and Disorders

College of Allied Health Sciences

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Greenville, NC 27858

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## Education

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| Expected Dec. 2022 | <b>Doctor of Philosophy, Communication Sciences and Disorders</b><br><i>Louisiana State University (LSU)</i>                             |
| 2017               | <b>Master of Arts, Communication Science and Disorders</b><br><i>LSU</i>   |
| 2014               | <b>Bachelor of S Science, Communication Science and Disorders</b><br><i>University of Montevallo</i><br><i>Graduated Summa Cum Laude</i> |

## Licensure and Certifications

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| 2019-present | Certificate of Clinical Competence<br><i>American Speech-Language-Hearing Association (ASHA)</i>                                 |
| 2019-present | Licensure, Speech-Language Pathology<br><i>Louisiana Board of Examiners for Speech-Language Pathology and Audiology (LBESPA)</i> |
| 2020         | Certificate of Online Design and Development<br><i>LSU Online and Continuing Education</i>                                       |
| 2019         | Certificate of Designing and Teaching Accessible Courses<br><i>LSU Online and Continuing Education</i>                           |

## Professional Experience

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| 08/2022-present | <b>Assistant Professor</b><br><i>East Carolina University (ECU), Department of Communication Sciences and Disorders</i><br>Greenville, NC 27858 |
| 2018-2022       | <b>Graduate Researcher</b><br><i>Mary Bird Perkins Cancer Center (MBPCC)</i><br>Baton Rouge, LA 70809   |
| 2017-2022       | <b>Speech-Language Pathologist, Graduate Researcher</b><br><i>Our Lady of the Lake (OLOL), Voice Center</i><br>Baton Rouge, LA 70809            |
| 2017-2022       | <b>Graduate Assistant/Instructor of Record</b><br><i>LSU, Department of Communication Sciences and Disorders</i><br>Baton Rouge, LA 70803       |
| 01/2018-12/2019 | <b>Speech-Language Pathologist</b><br><i>OLOL, Cleft and Craniofacial Clinic</i><br>Baton Rouge, LA 70809                                       |

01/2016-05/2017

**Graduate Assistant**

LSU Libraries, Research and Instruction Services  
Baton Rouge, LA 70803

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**Teaching Experience**

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*Teaching areas: Dysphagia, Voice, Introduction to Communication Disorders, Research Design, Acoustics*

LSU, Department of Communication Sciences and Disorders

Spring 2017-Spring 2022

**Primary Instructor**

Undergraduate Course, *Introduction to Communication Disorders*

Spring 2020, 2021, & 2022

**Guest Lecturer**

Graduate Level, *Dysphagia*

Summer 2020

**Teaching Assistant**

Graduate Level, *Research Design*

Fall 2020 & 2021

**Guest Lecturer**

Graduate Level, *Voice Disorders*

Fall 2017

**Teaching Assistant**

Undergraduate Level, *Acoustics of Speech and Hearing*

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**Research Experience**

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ORCID ID: 0000-0001-7729-9512

Primary interests include clinical research in dysphagia assessment and treatment in special populations. Prior research studies include head and neck cancer, adductor spasmodic dysphonia, and craniofacial anomalies. In-progress research projects in dysphagia include assessment of cough, respiration, taste, salivary, swallowing, and nutritional changes during organ-preserving treatment for head and neck cancer.

**Dissertation:**

**Larsen, D.** (In progress). *Associations of Quantitative Swallowing Measures to Functional Outcomes in Head and Neck Cancer; A dissertation.*

*Advisor: Melda Kunduk, PhD, CCC-SLP*

The primary aims of this study are to establish salient swallowing displacement and timing measures explained by HNC malignancies and their treatment and how these measures influence functional swallowing and dietary status values.

**Publications:**

Neubig, L., Groh, R., Kunduk, M., Larsen, D., Leonard, R., Kist, A. (2022). Efficient patient orientation detection in videofluoroscopy swallowing studies. In Maier-Hein, K., Deserno, T.M., Handels, H., Maier, A., Palm, C., Tolxdorff, T. (Eds.), *Proceedings, German Workshop on Medical Image Computing, Heidelberg* (pp. 129-135). Springer Vieweg, Wiesbaden. [https://doi.org/10.1007/978-3-658-36932-3\\_29](https://doi.org/10.1007/978-3-658-36932-3_29)

**Manuscripts in Preparation:**

**Larsen, D.**, Ikuma, T., Neubig, L., Kist, A.M., Leonard, R., McWhorter, A.J., Kunduk, M. (Under review). Pixel-based Swallow Measurements: Correcting Non-square Pixels. *Journal of Speech, Language, and Hearing Research*.

**Larsen, D.** Olejniczak, M., Adkins, L., McWhorter, A., Kerevel, Y.K., Kunduk, M. (Submitted for review). Voice Outcomes Following False Vocal Fold Botulinum Toxin Injections for Adductor Spasmodic Dysphonia.

## **Presentations**

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### **Oral Presentations:**

**Larsen, D.**, Kunduk, M. (November 2021). *Beyond Cough: Differentiation and Measures of the Five Airway Protective Mechanisms for Patients with Dysphagia*. Online presentation, American Speech-Language and Hearing Association Convention, Virtual library.

O'Neill, B., **Larsen, D.**, LeBlanc, A. (March 2021). *Three's Company: Collaborative Instructional Design on a Librarian-Instructor Team*. Presentation, Georgia International Conference on Information Literacy, Virtual conference.

**Larsen, D.**, Olejniczak, M., Adkins, L., McWhorter, A., Blouin, D., Kunduk, M. (November 2020). 12178: *Voice Outcomes following False Vocal Fold Botulinum Toxin Injections for Adductor Spasmodic Dysphonia*. Proposal accepted at the Annual Convention of the American Speech-Language and Hearing Association, San Diego, CA (Convention canceled).

Baylis, A., Roth, C., Gonsoulin, C., **Larsen, D.**, Kinter, S. (January 2019). Panel Speaker, *Think Tank on Speech and Feeding*, Panel, Interactive Cleft and VPD Conference, New Orleans, LA.

### **Poster Presentations:**

**Larsen, D.**, Olejniczak, M., Adkins, L., McWhorter, A., Kunduk, M. (October 2021). *Patient-Reported Outcomes for False Vocal Fold Botulinum Toxin Injections for Adductor Spasmodic Dysphonia*. Virtual presentation, The Fall Voice Conference.

**Larsen, D.**, Olejniczak, M., Adkins, L., Blouin, D., McWhorter, A., Kunduk, M. (January 2020). *Comparison of Injection Procedures for Adductor Spasmodic Dysphonia*. Poster Presentation, LSU Health Science Center Department of Medicine Medical Research Day, New Orleans, LA.

**Larsen, D.**, Vansant, M., Shivers, V., McWhorter, A., Blouin, D., Kunduk, M. (November 2019). *The Relationship of Salivary Characteristics and Taste during Radiation for Head and Neck Cancer*. American Speech-Language and Hearing Association Convention, Orlando, FL.

### **Community Level Presentations:**

**Larsen, D.**, Shivers, V., Vansant, M., McWhorter, A., Kunduk, M. (March 2019). *Taste, Saliva, and Swallowing: Ingredients for Nutritional Success in Head and Neck Cancer*. MBPCC Favre Family Award for Innovation One-year progress update, Baton Rouge, LA.

Shivers, V., Kunduk, M., Vansant, M., **Larsen, D.**, McWhorter, A. (February 2018). *Taste, Saliva, and Swallowing: Ingredients for Nutritional Success in Head and Neck Cancer*. MBPCC Favre Family Award for Innovation, Baton Rouge, LA.

### **University Department Level Presentations**

Larsen, D. (February 2022). *Journey to Prospectus: Navigating Little Fires Everywhere*, Research Roundtable, LSU.

Larsen, D. (August 2021). *Infection Control*, Online Safety Training, LSU.

Kunduk, M., **Larsen, D.**, Parker, L. (August 2021). *Exploring Research in Communication Sciences and Disorders: The Laryngeal Imaging Lab*, College of Humanities & Social Sciences Webinar Series, LSU.

**Larsen, D.** Olejniczak, M., Adkins, L., McWhorter, A., Kunduk, M. (November 2020). *Voice Outcomes following False Vocal Fold Botulinum Toxin Injections for Adductor Spasmodic Dysphonia*, Research Roundtable, LSU.

Larsen, D. (April 2020). *Fostering Student Outcomes in the Online Learning Environment: Application to Communication Sciences and Disorders*, Research Roundtable, LSU.

Larsen, D. (February 2020 and March 2019). *The Fundamentals of Velopharyngeal Insufficiency*, Graduate Continuing Education Seminar, LSU.

### **Clinical Works**

**Larsen, D.** (2021). *Revisions to the Modified Barium Swallow Study Protocol*, for OLOL, Voice Center.

**Larsen, D.** (2019). *Cleft Lip and Palate Repair Timeline for Assessment and Intervention for the Community Speech Therapist*, OLOL, Cleft and Craniofacial Panel.

**Larsen, D.** (2018). *Velopharyngeal Insufficiency (VPI) Assessment Protocol*, for OLOL, Cleft and Craniofacial Panel.

**Larsen, D.** (2018). *VPI Intake Form*, for OLOL, Cleft and Craniofacial Panel.

**Larsen, D.** (2018). *Videofluoroscopy Protocol for VPI*, for OLOL, Voice Center.

Vansant, M., **Larsen, D.** (2018). *Revisions to the Modified Barium Swallow Study Protocol*, for OLOL, Voice Center.

### **Hospital Inservice**

Larsen, D. (April 2021). *Enhancing Swallow Protocols*, OLOL, Voice Center.

Attendees: OLOL, Voice Center speech-language pathologists

Schexnauldre, M., **Larsen, D.**, Killian, J. (September 2021). *Speech Pathology Services for Head and Neck Cancer*, OLOL Head and Neck Surgery and MBPCC.

Attendees: OLOL Head and Neck Surgery and MBPCC nursing staff

**Larsen, D.**, Kunduk, M. (September 2021 and September 2019). *Radiology Review: Modified Barium Swallow Study Interpretation and Case Studies*, LSU Health-Science Center Didactic Day.

Attendees: LSU Health-Science Center Medical Department of Otolaryngology and Head and Neck Surgery residents

Shivers, V., Kunduk, M., **Larsen, D.** (October 2019). *Multidisciplinary Approach to Successful Rehabilitation in Head and Neck Cancer*, OLOL and MBPCC.

Attendees: OLOL Head and Neck Surgery and MBPCC nursing staff, social workers, dietitians, and speech-language pathologists

Larsen, D. (May 2019). *HNC Treatment for the Speech-Language Pathologist*, OLOL, Voice Center.

Attendees: OLOL, Voice Center speech-language pathologists

### **Honors**

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2014 Sigma Alpha Pi National Honorary Society  
*University of Montevallo*

2014 NSSLHA Honor Student, *Nominated and selected by faculty*  
*University of Montevallo*

2013-2014 Montevallo Master, *Nominated and selected by faculty*  
*University of Montevallo*

## **Funding**

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November 2019 Graduate Student Travel Award (\$1,000)  
*LSU*

March 2018 Favre Family Award for Innovation (\$15,000)  
*MBPCC*  
*For Taste, Saliva, and Swallowing: Ingredients for Success*  
Awarded to Vadel Shivers, Mathew Vansant, **Deirdre Larsen**, Andrew McWhorter, Melda Kunduk

## **Service**

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### **National Level**

2020-present **Contributor**  
Research and Data Collection  
*United States International Dysphagia Diet Standardization Initiative Reference Group (USIRG)*

2020-present **Contributor**  
Resource Collection and Best Practices  
*USIRG*

### **University Level**

2018-2019 **Coordinator**  
PhD Student Meetings and Research Roundtables  
*LSU Department of Communication and Disorders*

August 2019 **Coordinator and Presenter**  
New PhD Student Orientation  
*LSU Department of Communication and Disorders*

Fall 2018 **Contributor**  
Revisions and Updates to Doctoral Procedures Handbook  
*LSU Department of Communication and Disorders*

2013-2014 **Secretary**  
National Student Speech-Language and Hearing Association (NSSLHA)  
*University of Montevallo chapter*

## **Memberships**

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2019-present American Speech-Language-Hearing Association (ASHA)  
2017-present Louisiana Speech-Language Hearing Association (LSHA)  
2019-present ASHA Sig #13, Swallowing and Swallowing Disorders (Dysphagia)  
2019-present ASHA Sig #3, Voice and Upper Airway Disorders  
2015-2017 NSSLHA, *LSU Chapter*  
2014-2017 NSSLHA, *National Chapter*  
2013-2014 NSSLHA, *University of Montevallo Chapter*