

# Daniel W. Furnas

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## Education

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### **Ph.D., Speech Language Pathology – Teachers College at Columbia University**

*University of Florida: January 2013 - August 2014; Columbia: September 2014 – October 2017*

Doctoral Dissertation: The Effects of Text-Picture Integration and Auditory Distraction on Reading Comprehension in Adults: An Eye-tracking Study

*Committee: Lisa Edmonds (chair), Karen Froud, Peter Gordon, Matthew Johnson, and Jamie Reilly*

### **M.A., Speech Language Pathology – University of Florida**

*August 2010 – December 2012*

Master's Thesis: Effects of Computerized Verb Network Strengthening Treatment on Lexical Access in Aphasia

*Committee: Lisa Edmonds (chair), Tim Conway, Regis Kopper*

### **B.A., East Asian Language and Literature – University of Florida**

#### **Minor, Computer and Information Science and Technologies**

*August 2001 – May 2005*

## Courses Taught

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### **Undergraduate**

- Introduction to Speech Disorders
- Introduction to Language Disorders
- Anatomy & Physiology of Speech
- Neurological Bases of Communication
- Acoustics/Speech Science
- Phonetics
- Language Sciences

### **Graduate**

- Adult Language Disorders
- Motor Speech Disorders
- Functional Neuroanatomy Lab

## Teaching Experience

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### **Assistant Professor of Communication Sciences and Disorders – Jacksonville University, Jacksonville, FL**

*August 2017 – present*

#### **Guest Lectures and Invited Talks**

- **Semantics and Aphasia Treatment** – JU CSD Introduction to Linguistics Course, *Spring 2021*
- **Neuroscience of Reading** – JU CSD Reading Disorders Course, *Summer 2018, Summer 2019*
- **Introduction to Aphasia** – JU OT Neuroscience Course, *Fall 2018, Fall 2019*
- **Introduction to Aphasia** – JU CSD Introduction to Language Disorders Course, *Spring 2018*
- **The Literate Brain: The Neurobiology of How We Read**, Science & Engineering Lecture Series, *March 2018*
- **Caring for the Wounded Warrior**, BRCHS Panel Discussion Event, *November 2017*

## Committees and Service

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### **University-Level Service**

- **JU Instructional Resource Committee** – Member, *Fall 2019 – present*
- **JU JAX Esports Team** – Faculty lead and program development advisor, *Spring 2019 - present*
- **JU Research Engagement and Academic Pursuits Committee**, Member, *Fall 2018*
- **JU Academic Technology Key Issues Team** – Member, *Fall 2018 – present; on hiatus*

### College-Level Service

- **BRCHS Technology & Resources Committee** – Co-chair, *Fall 2017 - Summer 2018, Fall 2020-Fall 2021*; Chair, *Fall 2018 – Summer 2020*; Member, *Spring 2021 – present*
- **BRCHS Distinguished Lecture Committee** – Member, *Fall 2017 – Summer 2019*
- **BRCHS DNP Proposal Committee** – Member, *Fall 2017 – Summer 2019*

### Department-Level Service

- **CSD Admissions Committee** – Member, *Spring 2018 – present*
- **CSD Departmental Website** – Manager, *Spring 2018 – present*
- **Faculty Search, PT Program Director** – Member, *Fall 2022 - present*
- **Faculty Search, CSD Open-Rank Professor (Palm Coast)** – Member, *Spring 2022*
- **Faculty Search, CSD Open-Rank Professor (Palm Coast)** – Chair, *Spring 2021*
- **Faculty Search, CSD Open-Rank Professor** – Member, *Spring 2019*
- **Faculty Search, OT Open-Rank Professor** – Member, *Spring 2019*
- **Faculty Search, CSD Clinical Professor** – Chair, *Fall 2018*
- **Faculty Search, OT Open-Rank Professor** – Member, *Fall 2018*
- **Faculty Search, OT Clinical Professor** – Member, *Fall 2018*
- **Faculty Search, CSD Open-Rank Professor** – Chair, *Spring 2018*

### Master's Thesis Committees

- **Elizabeth Pozen** Chair, *2022 - present*
- **Jenna Best** Chair, *2019 – 2020*
- **Carly Cockman** Co-chair, *2019 – 2020*
- **Halle Peterson** Member, *2018 – 2019*

## Edited Books

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Church, J., Furnas, D.W., Reinhart, A., Chadwick, L., & Ortman, T., (Eds.) (2016). *The Manga Guide to Regression Analysis*. San Francisco: No Starch Press. ISBN-10: 1593277288.

## Publications

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### In Preparation

Obermeyer, J.A., & Furnas, D.W. Narrative discourse and coherence in aphasia.

Cockman, C., Izaryk, K., & Furnas, D.W. Physician's knowledge of communication strategies for patients with aphasia.

### Submitted

Best, J.D., & Furnas, D.W. Concussion management among speech-language pathologists: A comparative survey.

Pozen, E., & Furnas, D.W. Pediatric stroke: The SLP perspective on an underrepresented population.

### In Press

Furnas, D.W. & Wingate, J.M. (2022). The effects of mask usage on reported vocal health of educators. *Journal of Voice*.

### Published

Brooks, C., Porter, D., **Furnas, D.W.**, & Wingate, J.M. (2021). The effects of therapeutic group singing on voice, cough, and quality of life in Parkinson's disease. *Clinical Archives of Communication Disorders*, 6(2), 79-88.

**Furnas, D. W.**, & Edmonds, L. A. (2014). The effect of computerised Verb Network Strengthening Treatment on lexical retrieval in aphasia. *Aphasiology*, 28(4), 401-420.

**Furnas, D.W.** & Krey, K.L. (2010). Commercial seafood misrepresentation: A fishy situation. *The Global Aquaculture Advocate*, 13 (5), 62-63.

## **Presentations**

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Obermeyer, J.A., & **Furnas, D.W.** (2020). Narrative discourse and coherence in aphasia. *Academy of Aphasia*, Philadelphia, PA.

Lane, W.B., **Furnas, D. W.**, & Adhikari, R. (2018). Use of eye tracking to examine student attention during programming. *American Association of Physics Teachers Summer Conference*, Washington, D.C.

## **Posters**

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### **Submitted**

Pozen, E., & **Furnas, D.W.** Pediatric stroke: The SLP perspective on an underrepresented population.

### **Presented**

Wingate, J.M. & **Furnas, D.W.** (2021). The effect of face masks on the vocal fatigue of teachers. *Voice Foundation Symposium*, Virtual Conference.

Best, J.D., & **Furnas, D.W.** (2020). Concussion management among speech-language pathologists: A comparative survey of placement and practices. *American College of Sports Medicine*, San Francisco, CA. (Conference Cancelled)

Best, J.D., & **Furnas, D.W.** (2020). Concussion management among speech-language pathologists: A comparative survey of placement and practices. *American Speech-Language and Hearing Association*, Washington, D.C. (Conference Cancelled)

Garcia, M., **Furnas, D. W.**, & Edge, R. (2018). Assessment and rehabilitation in bilingual aphasia. *Florida Association of Speech-Language Pathologists and Audiologists Convention*, Naples, FL.

**Furnas, D. W.**, & Edmonds, L. A. (2013). The effect of computerized Verb Network Strengthening Treatment on lexical retrieval in aphasia. *Clinical Aphasiology Conference*, Tucson, AZ.

**Furnas, D. W.**, & Edmonds, L. A. (2013). The effect of computerized Verb Network Strengthening Treatment on lexical retrieval in aphasia. *Public Health and Health Professions Research Fair*, Gainesville, FL.

McLendon, D.C., **Furnas, D.W.**, Krey, K.L. & Allred, L.K. (2010). Detection of ruminant specific thermostable CNS antigens in heat processed feeds using a rapid and simple competitive monoclonal ELISA. *AOAC International Conference*, Orlando, FL.

McLendon, D.C., **Furnas, D.W.**, Krey, K.L. & Allred, L.K. (2010). Characterization of poultry- and turkey-specific thermostable antigens using polyclonal ELISA kits. *AOAC International Conference*, Orlando, FL.

**Furnas, D.W.**, McLendon, D.C., Singleton, S.A., Allred, L.K. & Ritter, B.W. (2009). An ELISA assay for the detection of turkey (*Meleagris Gallopavo*)-Specific Muscle Proteins. *AOAC International Conference*, Philadelphia, PA.

## **Grants and Funded Research**

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### **Submitted**

Brown, S., & **Furnas, D.W.** The effect of Anatomage table use on curriculum design, student learning and engagement. Requested Funding: \$50,000.

### **Funded**

Lane, W.B., **Furnas, D.W.**, & Adhikari, R. Use of eye tracking to examine student attention during programming. Florida Entrepreneurism, Policy, Innovation, and Commerce Grant. 2017. Total Funding: \$18,350.

### **Not Funded**

Morgan, J., **Furnas, D.W.**, & Hart, D. Development of a tablet-based Verb Network Strengthening Treatment program. Brooks Rehabilitation Engagement, Innovation, and Impact Grant. 2019. Total Requested: \$25,000.

## **Honors and Awards**

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**Jacksonville University Excellence in Teaching Nomination, 2021, 2022**

**National Institute on Deafness and Other Communication Disorders Research Fellowship, 2013**

**University of Florida Graduate Student Research Award – College of Public Health and Health Professions, 2013**

**University of Florida Thomas B. Abbott Scholarship, 2012**

**National Merit Scholar, 2001 – 2005**

**Florida Academic Scholar, 2001 – 2005**

## **Membership**

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**Phi Kappa Phi, Nominee, Fall 2022**

**American Speech-Language Hearing Association, 2011 – Present**

**Academy of Aphasia, 2020 – Present**

**American Association of Physics Teachers – Honorary Membership, 2018 - 2019**