



### Agenda



- 8:00-9:00 Registration and Breakfast
- 9:00-11:00 Elucidating Inconsistencies in Dysphagia Management
- 11:00-12:00 The Missing A&P Course: Normal, Functional and Dysfunctional Swallowing
- 12:00-1:00 Lunch
- 1:15-2:15 The Missing A&P Course: Normal, Functional and Dysfunctional Swallowing Continued
- 2:15-3:15 Supporting Your Clinical Decisions with Physiologically Guided Outcomes
- 3:15-3:45 Break
- 3:45-4:45 What a Swallowologist Needs: Advocating and Educating Other Medical Professionals
- 4:45-5:00 Wrap Up and Course Evaluations

This course is being offered for 0.6 ASHA CEUs (Intermediate Level, Professional Level)

\*free parking onsite\*

\*breakfast and lunch included with registration\*

register online: [hsha.org](http://hsha.org)  
 questions? [hsha808@gmail.com](mailto:hsha808@gmail.com)

# The Deglutition Project: Physiology, Diagnosis, and Treatment

With Ianessa A. Humbert, Ph.D., CCC-SLP

November 9th, 2019 Hyatt Regency Waikiki  
 2424 Kalakaua Ave Honolulu, HI 96815

**Course Description:** There have been increasing calls for a shift in the practice patterns of Speech-Language Pathologists who treat dysphagia. This includes demands for greater understanding and clinical application of the fundamentals of normal and disordered swallowing physiology. However, both new and seasoned clinicians report receiving very little training on swallowing physiology and its immediate clinical application. This course will “jump-start” clinician knowledge of swallowing physiology and its application to dysphagia diagnosis and treatment. Attendees will leave with the ability to create swallowing impairment-based treatment plans that can be objectively tracked and clearly documented.

**Course Objectives:**

1. Identify inconsistencies in clinical decision making for traditional and emerging treatment techniques.
2. Differentially diagnose normal versus abnormal swallowing physiological events
3. Derive physiologically based treatments to address several of the most common challenging swallowing pathophysiologyes.
4. Learn to create and use a physiologically guided therapy plans to incorporate into your everyday practice with clear documentation.



The Hawaii Speech-Language-Hearing Association is approved by the Continuing Education Board of the American Speech-Language-Hearing Association (ASHA) to provide continuing education activities in speech-language pathology and audiology. See course information for number of ASHA CEUs, instructional level and content area. ASHA CE Provider approval does not imply endorsement of course content, specific products or clinical procedures.

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## Speaker Bio

- **Ianessa A. Humbert, Ph.D., CCC-SLP** is an Associate Professor at the University of Iowa in the Department of Communication Sciences & Disorders. She has expertise in swallowing and swallowing disorders. Dr. Humbert's research program is focused on the physiological mechanisms of swallowing disorders and the development of rehabilitation strategies for dysfunction. Her interests center on the peripheral and central control of swallowing in normal and impaired function. More recently, a major interest of her research program has been to understand the neural mechanisms underlying normal and disordered swallowing and how principles of motor learning can be applied to examine these as well as swallowing interventions. In this context, Dr. Humbert's research involves neural stimulation, neural imaging, and peripheral perturbation studies of swallowing in humans. These studies focus on aspects of age-related decline and neurogenic dysphagia and how rehabilitation can be more effective when implementing skill learning and/or adaptation to perturbations.
- Dr. Humbert's research has been steadily supported by grants from the National Institutes of Health, The American Heart Association, and The American Speech Language Hearing Association since 2006. Dr. Humbert is a widely sought after invited speaker at several regional, national, and international clinical and scientific meetings. Dr. Humbert has created online courses for CEU credit on swallowing physiology and clinical practice, for which thousands of clinicians have registered to date, including the Swallowing Training and Education Portal (STEP) [stepcommunity.com](http://stepcommunity.com). She is the author of the Swallowing Pocket Guide: A Quick Reference for Muscles and Innervation, which has sold thousands of copies nationally and internationally.



### Humbert Financial Disclosures

#### Research Funding

Applying Motor Learning Principles to Dysphagia Rehabilitation  
National Institute of Deafness and Communication Disorders  
National Institutes of Health  
R01DC14285

Laryngeal Adaptation in Speech and Swallowing (Pending)  
National Institute of Deafness and Communication Disorders  
National Institutes of Health  
R01DC16275

#### Salary

Speech-Language Hearing Sciences  
University of Iowa

#### Royalties

Northern Speech Services  
Medbridge  
Swallowing Training and Education Portal  
Hope is in the Science

Receiving honorarium and travel reimbursement for this event from HSHA.

**Non-Financial Disclosures:** None

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