

DYSPHAGIA RESEARCH SOCIETY

25th Anniversary Annual Meeting

March 2 – 4, 2017

**Post-Graduate Course:
March 1, 2017**

The Hilton Portland & Executive Tower • Portland, Oregon

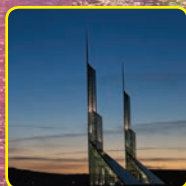


DRS

Dysphagia
Research
Society

Advancing the Science of Swallowing

Jointly provided by the Dysphagia Research Society
and Continuing Medical Education Resources, Inc.



COURSE OVERVIEW AND INTENDED AUDIENCE

This meeting is designed for a variety of clinicians, researchers, resident physicians, fellows and students from a wide range of disciplines including gastroenterology, neurology, otolaryngology, radiology, speech-language pathology, nutrition, biomedical engineering, dentistry, pediatrics, psychology and basic sciences, who take care of patients with swallowing disorders, including aspiration, and/or conduct research on patients with swallowing disorders.

COURSE FORMAT

Different formats were chosen, based on the target audience for that particular activity. For example, didactic lectures were chosen for disseminating an established set of new information that needed to be conveyed to the entire membership in a uniform manner. For areas of controversy, a point-counterpoint discussion between thought leaders with divergent viewpoints were developed, with time for input by the audience. Akin to this, each session is moderated by an expert that will be directing questions to the panel and integrating responses from the participants to stimulate in-depth discussion at the end of each section. Using these varied educational methods will increase the likelihood of achieving the objectives and desired results.

EDUCATIONAL OBJECTIVES

Following the conference, the participant should be able to:

Post-Graduate Course

- Discuss the neurophysiological interactions between respiration and ingestion across the age span
- Detail how various respiratory diseases may affect swallowing
- Define and implement the best practice for evaluation and treatment of dysphagia for pediatric and adult patients in the intensive care unit
- Discuss methods to develop a focused and sustainable research program

Annual Meeting

- Identify the difference between impairments associated with hypofunction, hyperfunction, and reduced motor planning
- Explain how differentiating between the various impairments in motor function may affect treatment
- Discuss the underlying mechanisms of dysphagia in the neurogenic and head and neck populations
- Summarize current knowledge about the effects of Alzheimer's disease on ingestion
- Describe critical areas to be studied in order to understand and facilitate ingestion in individuals with Alzheimer's disease

CME ACCREDITATION AND CREDIT DESIGNATION

This activity has been planned and implemented in accordance with the accreditation requirements and policies of the Accreditation Council for Continuing Medical Education (ACCME) through the joint providership of Continuing Medical Education Resources and the Dysphagia Research Society. Continuing Medical Education Resources is accredited by the ACCME to provide continuing medical education for physicians.



Continuing Medical Education Resources designates this live educational activity for a maximum of 25 *AMA PRA Category 1 Credit(s)*[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity.



American Board of Swallowing and Swallowing Disorders 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.

The break down of CEUs is as follows: Post-Graduate Course: This course is offered up to 0.6 ASHA CEUs (Advanced Level;

Professional Area) Annual Meeting: This course is offered up to 2.1 ASHA CEUs (Advanced level; Professional Area). An annual ASHA CE Registry fee is required to register ASHA CEUs. The approved CEU count will be listed on the registration site and society website as it becomes available. CE Registry fees are paid by the participant directly to the ASHA National Office. The annual ASHA CE Registry fee allows registration of an unlimited number of ASHA CEUs for the calendar year. Visit www.asha.org/ce/CEUs/CERegistryfee/ for CE Registry fee subscription information.

OPTIONAL ACTIVITIES

Session VII – How to Develop a Focused and Sustainable Research Program

Wednesday, March 1, 2017 • 12:45 – 4:00PM

This session is part of the DRS New Investigator Initiative and is directed toward advancing the research careers of dysphagia scientists with emphasis on new and early stage investigators. This year's content will focus on providing participants with tools to help them develop a focused and sustainable research program. Participants will have the opportunity to participate in one-on-one mentorship or small group mentorship where they will learn from the experiences of successful early, mid-career and senior scientists. Participants interested in one-on-one mentorship will be required to submit an 'individual development plan' prior to the session. Ten to 12 participants will be selected for individual mentorship based on several criteria including readiness and mentor match. This session provides preferential admission to DRS members.

Welcome Reception

Thursday, March 2, 2017 • 5:45 – 7:00PM

DRS Lip Sync Battle Fund-Raiser \$25

Thursday, March 2, 2017 • 7:00 – 8:30PM

The Website Communications and Public Relations Committee (WCPRC) will be hosting the DRS Lip Sync Battle v. 2.0 and Game Night Fund-Raiser! This will be an exciting, fun-filled social event where DRS attendees will lip sync to their favorite songs and have the opportunity to participate in a game-show component. If you are too shy perform, please plan to attend and cheer on your colleagues. (Registration and attendance minimum \$25 donation). The event will immediately follow the Welcome Reception and will feature a cash bar. All proceeds will be donated to the DRS Endowment for the Future. Learn more here: <https://dysphagiaresearch.site-ym.com/?LipSyncBattle>.

Meet the Mentors Breakfast

Friday, March 3, 2017 • 7:00 – 8:00AM

The purpose of this breakfast is to provide an opportunity for new investigators to network and learn how to build or enhance his/her research career from senior researchers. This session provides preferential admission to DRS members and has limited seats available.

Beer Bus Tour

Friday, March 3, 2017 • 2:00 – 6:30 PM

Expose yourself to Better Beer! Visit 3 breweries and sample 15-20 fresh beers. Expect a fun and educational tour of Portland, as well as a history of craft brewing. Learn of local world records and "Oregon firsts", and find out why Portland is the home of craft brewing. Open to the first 50 registrants.

Elaine J. Amella, PhD, RN, FGSA, FAAN

Financial Disclosure:

Salary: Medical University of South Carolina, Charleston, SC

Faculty Concession/Honorarium received from the DRS

Nonfinancial Disclosure:

No relevant nonfinancial relationship exists

Stephen A. Back, MD, PhD

Financial Disclosure:

Salary: Oregon Health and Science University,

School of Medicine, Portland, OR

Faculty Concession/Honorarium received from the DRS

Nonfinancial Disclosure:

No relevant nonfinancial relationship exists

Julie Barkmeier-Kraemer, PhD, CCC-SLP

Financial Disclosure:

Salary: University of Utah, Salt Lake City, UT

Grant/Research Support: University of Utah

Nonfinancial Disclosure:

Member: Dysphagia Research Society

Martin B. Brodsky, PhD, ScM, CCC-SLP

Financial Disclosure:

Salary: Johns Hopkins University, Baltimore, MD

Grant/Research Support: NIH/NIDCD

Royalties: MedBridge, Inc.

Faculty Concession/Honorarium received from the DRS

Nonfinancial Disclosure:

Member: Dysphagia Research Society;

DRS 2017 Awards and Scholarship Committee

Nadine P. Connor, PhD, CCC-SLP

Financial Disclosure:

Salary: University of Wisconsin, Madison, WI

Grant/Research Support: NIH

Faculty Concession/Honorarium received from the DRS

Nonfinancial Disclosure:

Member: Dysphagia Research Society;

DRS 2017 Program Planning Committee

James Coyle, PhD, CCC-SLP, BCS-S

Financial Disclosure:

Salary: University of Pittsburgh, Pittsburgh, PA

Grant/Research Support: NIH

Speaker Bureau: Northern Speech Services

Faculty Concession/Honorarium received from the DRS

Nonfinancial Disclosure:

Member: Dysphagia Research Society

Stephanie K. Daniels PhD, CCC-SLP

Financial Disclosure:

Salary: University of Houston, Houston, TX

Grant/Research Support: Department of Veterans Affairs

Royalties: Medbridge; Plural Publishing Company

Nonfinancial Disclosure:

Member: Dysphagia Research Society; DRS 2017 Program

Planning Committee—Chair; DRS Corporate Support Committee

Board Member: DRS President

Pamela Dodrill, PhD, CCC-SLP

Financial Disclosure:

Salary: Brigham & Women's Hospital, Boston, MA

Faculty Concession/Honorarium received from the DRS

Nonfinancial Disclosure:

Member: Dysphagia Research Society

Board Member: Feeding Matters

Caryn Easterling, PhD, CCC, ASHA Fellow

Financial Disclosure:

Salary: University of Wisconsin, Milwaukee, WI

Faculty Concession/Honorarium received from the DRS

Nonfinancial Disclosure:

Member: Dysphagia Research Society;

DRS 2017 Program Planning Committee

Anne L. Foundas, MD

Financial Disclosure:

Salary: Tulane University, New Orleans, LA

Faculty Concession/Honorarium received from the DRS

Nonfinancial Disclosure:

No relevant nonfinancial relationship exists

Rebecca Z. German, PhD

Financial Disclosure:

Salary: Northeast Ohio Medical University, Rootstown, OH

Grant/Research Support: NIH

Faculty Concession/Honorarium received from the DRS

Nonfinancial Disclosure:

Member: Dysphagia Research Society

Karen Hegland, PhD, CCC-SLP

Financial Disclosure:

Salary: University of Florida, Gainesville, FL

Grant/Research Support: NIH; NIDCD

Nonfinancial Disclosure:

Member: ASHA; Dysphagia Research Society

Member and President: International Society for the

Advancement of Respiratory Psychophysiology

Maggie-Lee Huckabee, PhD

Financial Disclosure:

Salary: The University of Canterbury Rose Centre for Stroke

Recovery and Research, Christchurch, New Zealand

Grant/Research Support: New Zealand Neurological Foundation

Nonfinancial Disclosure:

Member: Dysphagia Research Society;

DRS 2017 Program Planning Committee

Board Member: DRS Councilor

Kate Hutcheson, PhD

Financial Disclosure:

Salary: The University of Texas,

MD Anderson Cancer Center, Houston, TX

Nonfinancial Disclosure:

Member: Dysphagia Research Society;

DRS 2017 Program Planning Committee

**Sudarshan R. Jadcherla, MD,
FRCP (Ireland), DCH, AGAF**

Financial Disclosure:

Salary: Nationwide Children's Hospital
and The Ohio State University College of Medicine,
Columbus, OH

Grant/Research Support: NIH(NIDDK)

Faculty Concession/Honorarium received from the DRS

Nonfinancial Disclosure:

Member: Dysphagia Research Society; DRS 2017 Program
Planning Committee; DRS 2017 Scientific Abstract Review
Subcommittee; DRS Corporate Support Committee – Chair;
Society for Pediatric Research
Board Member: DRS Secretary/Treasurer

Marian Kollarik, MD, PhD

Financial Disclosure:

Salary: John Hopkins University School of Medicine,
Baltimore, MD

Faculty Concession/Honorarium received from the DRS

Nonfinancial Disclosure:

No relevant nonfinancial relationship exists

Ivan M. Lang, DVM, PhD

Financial Disclosure:

Salary: Medical College of Wisconsin, Milwaukee, WI

Grant/Research Support: NIH

Faculty Concession/Honorarium received from the DRS

Nonfinancial Disclosure:

Member: American Gastroenterological Society;
American Physiological Society; American Veterinary
Medical Society

Susan E. Langmore, PhD, CCC-SLP, BCS-S

Financial Disclosure:

Salary: Boston University, Boston, MA

Nonfinancial Disclosure:

Member: Dysphagia Research Society

Maureen A. Lefton-Greif, PhD, CCC-SLP, BCS-S

Financial Disclosure:

Salary: Johns Hopkins University School of Medicine,
Baltimore, MD

Grant/Research Support: National Institute on
Deafness and other Communication Disorders;
Ataxia-Telangiectasia Children's Project

Royalty: Pearsons

Faculty Concession/Honorarium received from the DRS

Nonfinancial Disclosure:

Member: Dysphagia Research Society;
DRS 2017 Scientific Abstract Review Subcommittee

Phoebe Macrae, PhD

Financial Disclosure:

Salary: University of Canterbury, Christchurch, New Zealand

Faculty Concession/Honorarium received from the DRS

Nonfinancial Disclosure:

No relevant nonfinancial relationship exists

Ruth Martin, PhD

Financial Disclosure:

Salary: University of Western Ontario, Ontario, Canada

Nonfinancial Disclosure:

Member: Dysphagia Research Society

**Bonnie Martin-Harris, PhD, CCC-SLP,
Professor, BCS-S, ASHA Fellow**

Financial Disclosure:

Salary: Northwestern University, Evanston, IL
Grant/Research Support: NIH/NIDCD, VA RR&D; Bracco
Diagnostics; Mark and Evelyn Trammell Trust

Royalty and Speaking Fee: Northern Speech Services

Equipment: Medtronic; Covidien

Faculty Concession/Honorarium received from the DRS

Nonfinancial Disclosure:

Member: Dysphagia Research Society;

DRS Early Investigator Subcommittee

David H. McFarland, PhD

Financial Disclosure:

Salary: University of Montréal, Quebec, Canada
Ownership interest in, and salary from, LSVT Global, Inc.

Faculty Concession/Honorarium received from the DRS

Nonfinancial Disclosure:

No relevant nonfinancial relationship exists

Katlyn Elizabeth McGrattan, PhD

Financial Disclosure:

Salary: Northwestern University, Chicago, IL

Faculty Concession/Honorarium received from the DRS

Nonfinancial Disclosure:

Member: Dysphagia Research Society;
DRS 2017 Program Planning Committee

Claire Kane Miller, PhD, MHA, CCC-SLP

Financial Disclosure:

Salary: Cincinnati Children's Hospital Medical Center,
Cincinnati, OH

Faculty Concession/Honorarium received from the DRS

Textbook Authorship: Plural Publishing

Nonfinancial Disclosure:

No relevant nonfinancial relationship exists

Bart Moulton, MD

Financial Disclosure:

Salary: Oregon Health and Science University, Portland, OR

Faculty Concession/Honorarium received from the DRS

Nonfinancial Disclosure:

No relevant nonfinancial relationship exists

Joseph Murray, PhD, CCC-SLP, BCS-S

Financial Disclosure:

Salary: VA Ann Arbor Healthcare System, Ann Arbor, MI

Faculty Concession/Honorarium received from the DRS

Nonfinancial Disclosure:

Member: Dysphagia Research Society;
American Board on Swallowing Disorders – Board Historian

Jeffrey B. Palmer, MD

Financial Disclosure:

Salary: Johns Hopkins University, Baltimore, MD
 Stipend: Springer Science+Business Media
 Research Support: Fujita Health University; NIH
 Royalty: Ishiyaku Publishers; Johns Hopkins University Press
 Speaker fee: Japanese Association of Rehabilitation Medicine
Nonfinancial Disclosure:

Member: Dysphagia Research Society; DRS 2017 Program Planning Committee; DRS Early Investigator Subcommittee; American Academy of Physical Medicine and Rehabilitation Board Member: Foundation for Physical Medicine and Rehabilitation; Johns Hopkins Home Care Group Distinguished Professor: Fujita Health University

David Paydarfar, MD

Financial Disclosure:

Salary: University of Massachusetts Medical School, Worcester, MA

Faculty Concession/Honorarium received from the DRS

Nonfinancial Disclosure:

No relevant nonfinancial relationship exists

Emily Plowman, PhD, CCC-SLP

Financial Disclosure:

Salary: University of Florida, College of Public Health and Health Professions, Gainesville, FL
 Grant/Research Support: NIH; ALS Association
Nonfinancial Disclosure:

Member: Dysphagia Research Society;

North Eastern ALS Consortium

Nicole Rogus-Pulia, PhD, CCC-SLP

Financial Disclosure:

Salary: University of Wisconsin School of Medicine and Public Health and William S. Middleton Memorial Veterans Hospital, Madison, WI

Nonfinancial Disclosure:

Member: ASHA; Dysphagia Research Society; DRS 2017 Program Planning Committee;
 DRS Early Investigator Subcommittee

Jay Rosenbek, PhD, CCC-SLP, BC-NCD

Financial Disclosure:

Salary: University of Florida, College of Public Health and Health Professions, Gainesville, FL
 Consulting Fee: Northern Speech Services
 Advisory/Review Panel: Plural Publishing
Nonfinancial Disclosure:

Member: Dysphagia Research Society

Reza Shaker, MD

Financial Disclosure:

Salary: Medical College of Wisconsin, Milwaukee, WI
 Faculty Concession/Honorarium received from the DRS

Nonfinancial Disclosure:

Member: Dysphagia Research Society

Barbara Sonies, PhD, CCC-SLP, BCS-S

Financial Disclosure:

Consulting: National Institutes of Health;
 Human Genome Research Institute Bethesda, MD

Nonfinancial Disclosure:

Retired Professor-emeritus:
 University of Maryland, College Park, MD
 Member: Dysphagia Research Society
 Board Member: DRS Archivist

Michelle S. Troche, PhD, CCC-SLP

Financial Disclosure:

Salary: Teachers College, Columbia University, New York, NY
 Grant Support: NIH; MJ Fox Foundation

Nonfinancial Disclosure:

Member: Dysphagia Research Society; DRS 2017 Program Planning Committee; DRS Early Investigator Subcommittee – Chair;
 Board Member: ISARP

All other faculty members, program planners and staff have indicated that they do not have any relevant financial relationships with commercial interests to disclose in regard to their presentations and/or participation in the planning process of the 25th DRS Annual Meeting and Post-Graduate Course. Disclosures for Scientific Session presenters and co-authors will be listed here:
http://www.dysphagiaresearch.org/resource/resmgr/Meeting_Files/DRS_2017_Annual_Mtg_and_Post.pdf.

DAILY – 3/1/17 – 3/4/17

7:00 AM – 5:30 PM	Registration
7:00 AM – 8:00 AM	Continental Breakfast

WEDNESDAY, MARCH 1, 2017

Post-Graduate Course: Swallowing and the Respiratory System

7:50 AM – 8:00 AM	Welcome and Opening Remarks	Stephanie K. Daniels, PhD, CCC-SLP
8:00 AM – 9:30 AM	Session I: Basic Science of Respiration: Birth to Geriatrics <i>Moderator: Sudarshan Jadcherla, MD, FRCP (Ireland), DCH, AGAF</i>	
8:00 AM – 8:15 AM	Developmental Regulation and Dysregulation of Respiration and Swallowing	Sudarshan Jadcherla, MD, FRCP (Ireland), DCH, AGAF
8:15 AM – 8:30 AM	Command and Control Systems Regulating Breathing and Feeding	Rebecca Z. German, PhD
8:30 AM – 8:45 AM	Mechanistic Effects of Esophageal Acid Exposure on the Airway and Esophagus	Ivan M. Lang, DVM, PhD
8:45 AM – 9:00 AM	Neurophysiologic Interactions Between Eating and Breathing	David Paydarfar, MD
9:00 AM – 9:15 AM	Sensory Neural Connections Between Esophageal and Respiratory Reflexes	Marian Kollarik, MD, PhD
9:15 AM – 9:30 AM	Session I: Panel and Audience Discussion	
9:30 AM – 9:45 AM	Break	
9:45 AM – 11:30 AM	Session II: Respiratory/Lung Diseases Causing Dysphagia and Dysphagia Causing Respiratory/Lung Diseases <i>Moderator: Bonnie Martin-Harris, PhD, CCC-SLP, Professor, BCS-S, ASHA Fellow</i>	
9:45 AM – 10:15 AM	Obstructive Pulmonary Disease – A Cross System Model of Impaired Airway Protection	Bonnie Martin-Harris, PhD, CCC-SLP, Professor, BCS-S, ASHA Fellow
10:15 AM – 10:45 AM	Progressive Neuromuscular Conditions Affecting Airway Protection	David H. McFarland, PhD
10:45 AM – 11:15 AM	Aspiration Sequelae—Pneumonia, Pnuemonitis, Bronchiectasis, Interstitial Lung Disease	Bart Moulton, MD
11:15 AM – 11:30 AM	Session II: Panel and Audience Discussion	
11:30 AM – 12:45 PM	Lunch On Your Own	
CONCURRENT SESSION I: ADULT – EVALUATION AND TREATMENT OF DYSPHAGIA IN THE ICU		
12:45 PM – 2:15 PM	Session III: Swallowing Evaluation of Patients in the ICU <i>Moderator: Joseph Murray, PhD, CCC-SLP, BCS-S</i>	
12:45 PM – 1:25 PM	Screening & Clinical Swallowing Examination in the ICU	James Coyle, PhD, CCC-SLP, BCS-S
1:25 PM – 2:00 PM	Instrumental Evaluation in the ICU	Martin B. Brodsky, PhD, ScM, CCC-SLP
2:00 PM – 2:15 PM	Session III: Panel and Audience Discussion	
2:15 PM – 2:30 PM	Break	
2:30 PM – 4:00 PM	Session IV: Swallowing Treatment of Patients in the ICU <i>Moderator: Caryn Easterling, PhD, CCC, ASHA Fellow</i>	
2:30 PM – 3:10 PM	Managing Oral Colonization in the ICU	James Coyle, PhD, CCC-SLP, BCS-S
3:10 PM – 3:45 PM	Treatment Approaches in the ICU	Martin B. Brodsky, PhD, ScM, CCC-SLP
3:45 PM – 4:00 PM	Session IV: Panel and Audience Discussion	
4:00 PM	Adjourn	
CONCURRENT SESSION II: PEDIATRIC – EVALUATION AND TREATMENT OF DYSPHAGIA IN THE ICU – ADVANCED REGISTRATION REQUIRED		
12:45 PM – 2:15 PM	Session V: Pathophysiology of Dysphagia in Children in the ICU <i>Moderator: Katlyn Elizabeth McGrattan, PhD</i>	
12:45 PM – 1:00 PM	Systemic Variables Influencing Swallowing Performance	Katlyn Elizabeth McGrattan, PhD
1:00 PM – 2:00 PM	Neurologic Basis of Pediatric Dysphagia and Potential Outcomes	Stephen A. Back, MD, PhD

2:00 PM – 2:15 PM	Session V: Panel and Audience Discussion	
2:15 PM – 2:30 PM	Break	
2:30 PM – 4:00 PM	Session VI: Opportunities and Challenges of Feeding Children in the ICU <i>Moderator: Maureen A. Lefton-Greif, PhD, CCC-SLP, BCS-S</i>	
2:30 PM – 3:00 PM	Instrumental Assessment of Dysphagia	Sudarshan Jadcherla, MD, FRCP (Ireland), DCH, AGAF
3:00 PM – 3:45 PM	Feeding in the NICU and PICU: Balancing Safety and Developmental Considerations	Pamela Dodrill, PhD, CCC-SLP; Claire Kane Miller, PhD, MHA, CCC-SLP
3:45 PM – 4:00 PM	Session VI: Panel and Audience Discussion	
CONCURRENT SESSION III: EARLY INVESTIGATOR – ADVANCED REGISTRATION REQUIRED		
12:45 PM – 4:00 PM	Session VII: How to Develop a Focused and Sustainable Research Program <i>Moderator: Bonnie Martin-Harris, PhD, CCC-SLP, Professor, BCS-S, ASHA Fellow</i>	
12:45 PM – 1:30 PM	How to Develop a Focused and Sustainable Research Program	Julie Barkmeier-Kraemer, PhD, CCC-SLP
1:30 PM – 1:45 PM	Questions	
1:45 PM – 2:15 PM	Developing a Focused and Sustainable Research Program: the Experience of a Now Tenured Professor	Nadine P. Connor, PhD, CCC-SLP
2:15 PM – 2:45 PM	Developing a Focused and Sustainable Research Program: the Experience of a Physician-Scientist	Reza Shaker, MD
2:45 PM – 3:00 PM	Break	
3:00 PM – 3:15 PM	An Introduction to the IDP	Bonnie Martin-Harris, PhD, CCC-SLP, Professor, BCS-S, ASHA Fellow
3:15 PM – 4:00 PM	Individual/Small Group Mentorship	
4:00 PM	Adjourn	

THURSDAY, MARCH 2, 2017

7:50 AM – 8:00 AM	Welcome and Opening Remarks	Stephanie K. Daniels, PhD, CCC-SLP
8:00 AM – 8:15 AM	Tribute to Steven B. Leder, PhD, CCC-SLP	Clarence T. Sasaki, MD; Reza Shaker, MD; Debra M. Suiter, PhD, CCC-SLP, BCS-S
8:15 AM – 9:45 AM	Scientific Paper Presentations I	
9:45 AM – 10:15 AM	New Investigators Forum <i>Moderator: Barbara Sonies, PhD, CCC-SLP, BCS-S</i>	
10:15 AM – 11:15 AM	Break and Scientific Poster Viewing Session I	
11:15 AM – 12:45 PM	Scientific Paper Presentations II	
12:45 PM – 1:45 PM	Lunch On Your Own	
1:45 PM – 3:15 PM	Scientific Paper Presentations III	
3:15 PM – 3:45 PM	Break and Scientific Poster Viewing Session II	
3:45 PM – 5:45 PM	Session VIII: Addressing the Gaps in Dysphagia Rehabilitation <i>Moderator: Maggie-Lee Huckabee, PhD</i>	
3:45 PM – 4:05 PM	What We Know, What We Assume and What We Don't Know	Maggie-Lee Huckabee, PhD
4:05 PM – 4:35 PM	Understanding Impairment in Motor Output: Mechanisms of Hypofunction, Hyperfunction, Motor Control	David Paydarfar, MD
4:35 PM – 4:55 PM	Case Discussions with Panel Hyper vs. Hypotonicity	Julie Barkmeier-Kraemer, PhD, CCC-SLP; Maggie Lee Huckabee, PhD; Phoebe Macrae, PhD; David Paydarfar, MD; Emily Plowman, PhD, CCC-SLP; Jay Rosenbek, PhD, CCC-SLP, BC-NCD
4:55 PM – 5:05 PM	Case 1 – Questions	Maggie-Lee Huckabee, PhD
5:05 PM – 5:25 PM	Case Discussions with Panel Motor Planning vs. Motor Output	Julie Barkmeier-Kraemer, PhD, CCC-SLP; Maggie Lee Huckabee, PhD; Phoebe Macrae, PhD; David Paydarfar, MD; Emily Plowman, PhD, CCC-SLP; Jay Rosenbek, PhD, CCC-SLP, BC-NCD



5:25 PM – 5:35 PM	Case 2 – Questions	Maggie-Lee Huckabee, PhD
5:35 PM – 5:45 PM	Future Directions	Julie Barkmeier-Kraemer, PhD, CCC-SLP
5:45 PM	Adjourn	
5:45 PM – 7:00 PM	Welcome Reception	
7:00 PM – 8:30 PM	DRS Lip Sync Battle Fund-Raiser – Advanced Registration Required	

FRIDAY, MARCH 3, 2017

7:00 AM – 8:00 AM	Meet the Mentors Breakfast – Advanced Registration Required <i>Moderators: Susan E. Langmore, PhD, CCC-SLP, BCS-S; Barbara Sonies, PhD, CCC-SLP, BCS-S</i>	
8:10 AM – 8:15 AM	Announcements	
8:15 AM – 10:15 AM	Scientific Paper Presentations IV	
10:15 AM – 11:00 AM	Dodds-Donner Lecture <i>Moderator: Stephanie K. Daniels, PhD, CCC-SLP</i>	
10:15 AM – 11:00 AM	Eating and Swallowing Solid Food: A Physiological Approach	Jeffrey B. Palmer, MD
11:00 AM – 11:30 AM	Break and Scientific Poster Viewing Session III	
11:30 AM – 1:00 PM	Scientific Paper Presentations V	
1:00 PM	Adjourn (Conference attendees are free to explore Portland on their own)	
2:00 PM – 6:30 PM	Beer Bus Tour – Advanced Registration Required	

SATURDAY, MARCH 4, 2017

7:30 AM – 7:55 AM	Annual Members' Business Meeting	
7:55 AM – 8:00 AM	Announcements	
8:00 AM – 9:30 AM	Scientific Paper Presentations VI	
9:30 AM – 10:30 AM	Session IX: Cough in the Continuum of Airway Protection <i>Moderator: Ruth Martin, PhD</i>	
9:30 AM – 9:45 AM	Peripheral and Neural Substrates of Cough	Michelle S. Troche, PhD, CCC-SLP
9:45 AM – 10:00 AM	Dystussia-Neurological Population	Karen Hegland, PhD, CCC-SLP
10:00 AM – 10:15 AM	Airway Protection in the Head and Neck Cancer Population	Kate Hutcheson, PhD
10:15 AM – 10:30 AM	Session IX: Panel and Audience Discussion	
10:30 AM – 11:30 AM	Break and Scientific Poster Viewing Session IV	
11:30 AM – 1:00 PM	Scientific Paper Presentations VII	
1:00 PM – 2:00 PM	Lunch On Your Own	
2:00 PM – 3:30 PM	Scientific Paper Presentations VIII	
3:30 PM – 5:30 PM	Session X: Designing Research to Address Ingestive Decline in Alzheimer's Disease <i>Moderator: Stephanie K. Daniels, PhD, CCC-SLP</i>	
3:30 PM – 4:00 PM	Overview of Alzheimer's Disease – Brain Effects on Ingestion	Anne L. Foundas, MD
4:00 PM – 4:20 PM	Impact of Alzheimer's Disease on Swallowing Biomechanics and Neurophysiology	Nicole Rogus-Pulia, PhD, CCC-SLP
4:20 PM – 4:40 PM	The Effects of Alzheimer's Disease on Mealtime Behavior	Elaine J. Amella, PhD, RN, FGSA, FAAN
4:40 PM – 5:15 PM	Panel – Evidence Based Problem-Solving: Where Do We Go From Here Determining Goals, Designing Treatment	
5:15 PM – 5:30 PM	Session X: Panel and Audience Discussion	
5:30 PM	Adjourn	
5:30 PM – 6:30 PM	Awards and Closing Ceremony	

**Each scientific paper is allotted 10 minutes of presentation time and 5 minutes of questions and answer time.*

REGISTRATION FEES

	On or Before 1/16/2017 12pm CST	After 1/16/2017 12pm CST	On-Site† 2/16/2017 12pm CST
Post-Graduate Course	\$175	\$225	\$245
<i>Open to all participants – Not included in Annual Meeting fees.</i>			
Annual Meeting			
DRS Members – Physicians, Dental Surgeons*	\$600	\$650	\$700
DRS Members – Allied Health Professionals, Non-Health Professional Scientists*	\$450	\$500	\$550
Non Member – Physicians, Dental Surgeons	\$900	\$950	\$1000
Non Member – Allied Health Professionals, Non-Health Professional Scientists	\$700	\$750	\$800
Students and Residents**	\$250	\$300	\$320

***Existing Members:** In order to receive the discounted member rate for the annual meeting, member dues must be paid in full by the start of the meeting (March 2, 2017).

***New Members:** Thank you for your interest in joining the DRS! You may register for the meeting as a member, but in order to remain registered at the discounted member rate, the DRS Office must receive your complete membership application by Monday, January 16, 2017, at 12:00 pm CST.

***All Members:** If dues or your complete membership application are not received by the dates listed, your registration will automatically be charged the difference in fees for the non-member rate at the start of the meeting.

Visit www.dysphagiaresearch.org for membership information.

****Students and Residents:** Verification of Student or Resident status must be submitted to drs@meetingmanagers.com.

REGISTRATION DATES

The early bird advanced registration deadline is Monday, January 16, 2017, 12pm CST. Registrations received after this date will be charged an additional \$50, as noted in the registration fees.

†Online registration will close Thursday, February 16, 2017, 12pm CST. After this date, attendees must register on-site and pay on-site registration fees.

Registration Cancellation Policy

A \$100 administrative fee will be retained if you cancel your meeting registration for any reason. In order to receive a refund of the balance, written notice must be received no later than **Wednesday, February 15, 2017**. No refunds will be made after this date.

MEETING MANAGEMENT

Angie Guy, MPA

Manager, Meetings and Events

International Meeting Managers, Inc.

4550 Post Oak Place, Suite 342

Houston, TX 77027

713.965.0566 Phone • 713.960.0488 Fax

drs@meetingmanagers.com

♿ If you have any special needs, please contact IMM at the above address in writing at least two weeks before the meeting to ensure that your needs will be met.

TRAVEL INFORMATION

Taxis, shuttle service and public transportation are all options for traveling to and from the hotel (fees will apply). Portland International Airport (PDX) is approximately 13 miles from the Portland Hilton.

United Airlines is an official carrier for the conference. United offers discounts off published fares of 2% to 10% or zone fares. For fare and schedule information and to make your reservations, please visit www.united.com/meetingtravel or call United Airlines Meetings at 1.800.426.1122. Refer to Z Code: ZWZF and Agreement Code: 787073. There will be a \$25 service fee collected, per ticket, for all tickets issued through Meetings Reservations. The service fee is non-refundable and applies to all itineraries, one-way or roundtrip. To avoid a service fee and receive an additional 3% discount on published fares, book your reservations online at www.united.com/meetingtravel. Enter your Z code and Agreement Code (without a space) in the offer code box: ZWZF787073.

HOTEL INFORMATION



Hilton Portland & Executive Tower

921 Southwest 6th Avenue

Portland, OR 97204

Reservations: 1.503.226.1611

Single/Double Standard Room

\$179 until February 10, 2017

\$198 after February 10, 2017

For additional room types and fees please visit www.dysphagiaresearch.org
Applicable taxes, currently 15.3% per night

Group block deadline: February 10, 2017

Dysphagia Research Society
c/o International Meeting Managers, Inc.
4550 Post Oak Place, Suite 342
Houston, Texas 77027

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DYSPHAGIA RESEARCH SOCIETY

25th Anniversary

Annual Meeting

March 2 – 4, 2017

Post-Graduate Course: Swallowing and the Respiratory System
March 1, 2017

Hilton Portland & Executive Tower • Portland, Oregon
www.dysphagiaresearch.org



WHAT IS THIS?

This symbol is called a “QR code” and it enables your smartphone to instantly access the meeting website. To use it, you will need to download a free QR app (available from your phone’s application store) if you do not already have one. Next, take a photo of the QR code and you will be connected to the meeting website.