



THE DYSPHAGIA RESEARCH SOCIETY

22nd Annual Meeting

March 6 – 8, 2014

Post-Graduate Course:
Treatment Across the Lifespan
March 5, 2014

Loews Vanderbilt Hotel • Nashville, Tennessee

Jointly sponsored 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

- Compare validated clinical screening tools that are used to identify a person with dysphagia
- Evaluate the evidence base for exercise interventions for dysphagia
- Compare exercise interventions commonly used for treating neurogenic dysphagia
- Recognize the long-term effects of chemotherapy and radiotherapy on swallowing outcomes and quality of life for patients with head and neck cancer
- Describe the biomechanical and molecular that lead to aspiration pneumonia
- Select appropriate surgical interventions or referrals for interventions for UES dysfunction

Annual Meeting

- Compare statistical significance to clinical significance for dysphagia treatment
- Describe the benefit of obtaining anterior/posterior views on videofluoroscopic swallow studies
- Describe the complex interaction between patients and medical professionals during dysphagia diagnosis and management
- Specify how to obtain information on ethics in dysphagia management
- Recognize how 3-dimensional imaging contributes to interpreting normal and disordered swallowing physiology

CME ACCREDITATION AND CREDIT DESIGNATION

This activity has been planned and implemented in accordance with the Essential Areas and Policies of the Accreditation Council for Continuing Medical Education. Continuing Medical Education Resources is accredited by the ACCME to provide continuing medical education for physicians.



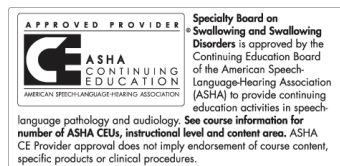
Continuing Medical Education Resources designates this live educational activity for a maximum of 23.75 *AMA PRA Category 1 Credits*[™]. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

The breakdown of *AMA PRA Category 1 Credits*™ is as follows:

Post-Graduate Course: Maximum of 6.25 *AMA PRA Category 1 Credits*™

Annual Meeting: Maximum of 17.5 *AMA PRA Category 1 Credits*™

The Specialty Board on 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. ASHA approval of CE Provider status 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 for up to 0.6 ASHA CEUs (Advanced Level; Professional Area)

Annual Meeting: This course is offered for up to 2.15 ASHA CEUs (Advanced level; Professional Area)

An annual ASHA CE Registry fee is required to register

ASHA CEUs. 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. Contact the ASHA CE staff at (800) 498-2071 ext. 3 or visit www.asha.org/ce/CEUs/CERegistryfee/ for CE Registry fee subscription information.

2014 DRS FACULTY LISTING

Julie Barkmeier-Kraemer, PhD, CCC-SLP

Financial Disclosure:

Salary: University of California at Davis Medical Center, Sacramento, California

Nonfinancial Disclosure:

Member: Dysphagia Research Society;
DRS 2014 Program Planning Committee

Giselle Carnaby, MPH, PhD

Financial Disclosure:

Salary: Swallowing Research Laboratory, University of Florida, Gainesville, Florida

Grant/Research Support: NIH/NIDCD; NCI

Faculty Concession/Honorarium

Nonfinancial Disclosure:

Member: Dysphagia Research Society

Michelle R. Ciucci, PhD, CCC-SLP

Financial Disclosure:

Salary: University of Wisconsin, Madison, Wisconsin

Grant/Research Support: University of Wisconsin;

National Institutes for Health

Nonfinancial Disclosure:

Board Member: National Foundation of Swallowing Disorders;

American Parkinson Disease Association

Member: Dysphagia Research Society;

DRS 2014 Program Planning Committee

James L. Coyle, PhD, CCC-SLP

Financial Disclosure:

Salary: University of Pittsburgh, Pittsburgh, Pennsylvania;
NIH-RO-1 25% effort

Teaching and Speaking Fee: Northern Speech Services

Faculty Concession/Honorarium

Speaker honorarium: Northern Speech Services (seminars);

various state SLP conventions

Nonfinancial Disclosure:

Member: Dysphagia Research Society;

DRS 2014 Program Planning Committee

Stephanie K. Daniels, PhD, CCC-SLP

Financial Disclosure:

Salary: University of Houston, Houston, Texas

Faculty Concession/Honorarium

Grant/Research Support: Department of Veterans Affairs

Royalties: Plural Publishing Company

Nonfinancial Disclosure:

Member: Dysphagia Research Society;

DRS 2014 Program Planning Committee

Amanda Domer, MS, CCC-SLP

University of South Florida, Tampa, Florida

Financial Disclosure:

No relevant financial relationship exists

Nonfinancial Disclosure:

Board Member: Dysphagia Research Society –

Ad Hoc Student Councilor

2014 DRS FACULTY LISTING (CONTINUED)

Kulwinder Dua, MD, FRCP (London), FRCP (Edinburgh), FACP, FASGE

Financial Disclosure:

Salary: Medical College of Wisconsin, Milwaukee, Wisconsin
Faculty Concession/Honorarium

Nonfinancial Disclosure:

Board Member: Dysphagia Research Society – President Elect
Member: DRS 2014 Program Planning Committee

Caryn Easterling, PhD, CCC, ASHA Fellow

Financial Disclosure:

Salary: University of Wisconsin, Milwaukee, Wisconsin
Faculty Concession/Honorarium

Nonfinancial Disclosure:

Member: Dysphagia Research Society

Sidney Fels, PhD, PEEng

Financial Disclosure:

Salary: The University of British Columbia, Vancouver, British Columbia, Canada
Faculty Concession/Honorarium

Nonfinancial Disclosure:

No relevant nonfinancial relationship exists

Rebecca Z. German, PhD

Financial Disclosure:

Salary: Northeast Ohio Medical University, Rootstown, Ohio
Faculty Concession/Honorarium

Nonfinancial Disclosure:

Member: Dysphagia Research Society

Maggie-Lee Huckabee, PhD

Financial Disclosure:

Salary: University of Canterbury, Christchurch, New Zealand
Faculty Concession/Honorarium

Grant/Research Support: New Zealand Neurological Foundation; New Zealand Ministry of Health

Nonfinancial Disclosure:

Affiliation: The New Zealand Brain Research Institute
Member: Dysphagia Research Society

Ianessa A. Humbert, PhD

Financial Disclosure:

Salary: Johns Hopkins Hospital, Baltimore, Maryland
Royalties: Northern Speech Services; US Patent 8579839

Grant/Research Support: National Institutes of Health

Nonfinancial Disclosure:

Member: Dysphagia Research Society

Adam S. Jacobson, MD

Financial Disclosure:

Salary: Beth Israel Medical Center; Phillips Ambulatory Care Center, New York, New York
Faculty Concession/Honorarium

Nonfinancial Disclosure:

No relevant nonfinancial relationship exists

Bronwyn Jones, MD, FRACP, FRCR

Financial Disclosure:

Salary: The Johns Hopkins School of Medicine, Baltimore, Maryland

Nonfinancial Disclosure:

Board Member: Dysphagia Research Society - Archivist

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

Financial Disclosure:

Salary: Boston University, Boston, Massachusetts

Nonfinancial Disclosure:

Member: Dysphagia Research Society;
DRS 2014 Program Planning Committee

Cathy L. Lazarus, PhD, CCC-SLP, BRS-S

Financial Disclosure:

Salary: Beth Israel Medical Center, New York, New York
Faculty Concession/Honorarium

Royalties: Northern Speech Services

Nonfinancial Disclosure:

Board President: Dysphagia Research Society
Chair: DRS 2014 Program Planning Committee

Steven B. Leder, PhD, CCC-SLP

Financial Disclosure:

Salary: Yale School of Medicine, New Haven, Connecticut
Faculty Concession/Honorarium

Nonfinancial Disclosure:

Member: Dysphagia Research Society;
DRS 2014 Program Planning Committee

Maureen A. Lefton-Greif, PhD

Financial Disclosure:

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

Grant/Research Support: 01/01/11-12/31/15 –

1R01DC011290-03 – “Standardization of Videofluoroscopic Swallow Studies for Bottle-Fed Children” Sponsor: National

Institute on Deafness and other Communication Disorders; 7/1/01-08/31/14 – “Natural history of Ataxia-Telangiectasia

(A-T)” Sponsor: The A-T Children’s Project, The Ataxia Telangiectasia Clinical Center

Other: Pearsons (<http://www.speechandlanguage.com/>) for Pediatric Videofluoroscopic Swallow Studies (1998)

Nonfinancial Disclosure:

Member: Dysphagia Research Society;
DRS 2014 Program Planning Committee

Paula Leslie, PhD, FRCSLT, CCC-SLP

Financial Disclosure:

Salary: University of Pittsburgh, Pittsburgh, Pennsylvania
Faculty Concession/Honorarium

Royalties & Speaker Fee: Northern Speech Services

Nonfinancial Disclosure:

Member: Dysphagia Research Society

Jan S. Lewin, PhD, BRS-S*Financial Disclosure:*

Salary: University of Texas MD Anderson Cancer Center, Houston, Texas

Nonfinancial Disclosure:

Member: Dysphagia Research Society

Jeri A. Logemann, PhD, CCC-SLP, BRS-S*Financial Disclosure:*

Salary: Northwestern University, Evanston, Illinois

Faculty Concession/Honorarium

Nonfinancial Disclosure:

Member: Dysphagia Research Society

Donna S. Lundy, PhD, BRS-S*Financial Disclosure:*

Salary: University of Miami Miller School of Medicine, Miami, Florida

Faculty Concession/Honorarium

Royalties: Northern Speech Services

Nonfinancial Disclosure:

No relevant nonfinancial relationship exists

Julia Maclean, PhD*Financial Disclosure:*

Salary: Cancer Care Centre; St. George Hospital, Sydney, Australia

Faculty Concession/Honorarium

Grant/Research Support: National Health and Research Medical Council

Nonfinancial Disclosure:

No relevant nonfinancial relationship exists

Georgia A. Malandraki, BS, MA, PhD, CCC-SLP*Financial Disclosure:*

Salary: Columbia University, New York, New York

Faculty Concession/Honorarium

Nonfinancial Disclosure:

Member: Dysphagia Research Society;

DRS 2014 Program Planning Committee

Eric Manheimer, MD, FACP*Financial Disclosure:*

Salary: New York University Langone Medical Center, New York, New York

Faculty Concession/Honorarium

Nonfinancial Disclosure:

No relevant nonfinancial relationship exists

Bonnie Martin-Harris, PhD, CCC-SLP,**Professor, BRS-S, ASHA Fellow***Financial Disclosure:*

Salary: Medical University of South Carolina, Charleston, South Carolina

Grant/Research Support: Bracco Diagnostics;

NIH/NIDCD; Veteran's Administration

Speaking Fee: Northern Speech Services

Royalties: Northern Speech Services

Nonfinancial Disclosure:

Member: Dysphagia Research Society

Rosemary Martino, MA, MSc, PhD*Financial Disclosure:*

Salary: University of Toronto, Toronto, Ontario, Canada

Faculty Concession/Honorarium

Grant/Research Support: Canada Research Chair

in Swallowing Disorders; CIHR; CCSRI; NCIC

Speaker and Consultation Fee: Nestle

Nonfinancial Disclosure:

Developer and Researcher: TOR-BSST(c)

Member: Dysphagia Research Society

Gary H. McCullough, PhD*Financial Disclosure:*

Salary: University of Central Arkansas, Conway, Arkansas

Faculty Concession/Honorarium

Nonfinancial Disclosure:

Member: Dysphagia Research Society

Sharon McGrath-Morrow, MD, MBA*Financial Disclosure:*

Salary: The Johns Hopkins Medical Institutions,

Baltimore, Maryland

Faculty Concession/Honorarium

Nonfinancial Disclosure:

No relevant nonfinancial relationship exists

Art Miller, PhD*Financial Disclosure:*

Salary: University of California San Francisco School

of Dentistry, San Francisco, California

Nonfinancial Disclosure:

Member: Dysphagia Research Society

Mark A. Nicosia, PhD*Financial Disclosure:*

Salary: Widener University, Chester, Pennsylvania

Nonfinancial Disclosure:

Member: Dysphagia Research Society

William Pearson, PhD*Financial Disclosure:*

Salary: Georgia Regents University, Augusta, Georgia

Grant/Research Support: Georgia Regents University

Nonfinancial Disclosure:

Member: Dysphagia Research Society

Volunteer Consulting: UBS Swallowing Group

Michael Pitman, MD*Financial Disclosure:*

Salary: New York Eye and Ear Infirmary – Mount Sinai,

New York, New York

Faculty Concession/Honorarium

Nonfinancial Disclosure:

Member: Dysphagia Research Society

Emily K. Plowman, PhD, CCC-SLP*Financial Disclosure:*

Salary: University of South Florida, Tampa, Florida

Grant/Research Support: NIDCD; NICHD

Faculty Concession/Honorarium

Nonfinancial Disclosure:

Board Member: Dysphagia Research Society - Councilor

JoAnne Robbins, PhD, CCC-SLP, BRS-S*Financial Disclosure:*

Salary: University of Wisconsin, Madison School of Medicine and Public Health and Wm S Middleton Memorial VA Hospital, Madison, Wisconsin; Swallow Solutions, LLC
Faculty Concession/Honorarium
Speaker fee: Northern Speech Services

Nonfinancial Disclosure:

Chief Scientific Officer and Equity Holder: Swallow Solutions, LLC
Member: Dysphagia Research Society;
DRS 2014 Program Planning Committee

Nasia Safdar, MD, MBBS*Financial Disclosure:*

Salary: University of Wisconsin, Madison, Wisconsin
Faculty Concession/Honorarium

Nonfinancial Disclosure:

No relevant nonfinancial relationship exists

Christine Sapienza, PhD*Financial Disclosure:*

Salary: Jacksonville University; Brook Rehabilitation & BRRC VA, Jacksonville and Gainesville, Florida
Faculty Concession/Honorarium
Intellectual Property Rights: Aspire Products, LLC
Independent contractor (including contracted research): Florida Hospital

Grant/Research Support: NIH

Other: Plural Publishing

Nonfinancial Disclosure:

Member: Dysphagia Research Society

Donna Scarborough, PhD, CCC-SLP, BRS-S*Financial Disclosure:*

Salary: Miami University, Oxford, Ohio

Nonfinancial Disclosure:

Board Member: Dysphagia Research Society

Reza Shaker, MD*Financial Disclosure:*

Salary: Medical College of Wisconsin, Milwaukee, Wisconsin
Faculty Concession/Honorarium

Nonfinancial Disclosure:

Board Member: Sonna Therapeutics

Member: Dysphagia Research Society

Stephanie M. Shaw, MS, CCC-SLP

University of Toronto

Scholarship: University of Toronto, Toronto, Ontario, Canada – Connaught Scholarship

Nonfinancial Disclosure:

Board Member: Dysphagia Research Society –

Ad Hoc Student Councilor

Margaret Skinner, MD*Financial Disclosure:*

Salary: Johns Hopkins Hospital, Baltimore, Maryland
Faculty Concession/Honorarium

Nonfinancial Disclosure:

Member: Dysphagia Research Society

Michelle Smith-Tamaray, PhD*Financial Disclosure:*

Salary: Charles Sturt University, Albury, New South Wales, Australia

Faculty Concession/Honorarium

Nonfinancial Disclosure:

Member: Dysphagia Research Society

Barbara Sonies, PhD, CCC, BRS-S*Financial Disclosure:*

Salary: University of Maryland, College Park, Maryland

Nonfinancial Disclosure:

Board Member: Dysphagia Research Society – Archivist

Debra M. Suiter, PhD, CCC-SLP, BRS-S*Financial Disclosure:*

Salary: VAMC Memphis, Memphis, Tennessee

Nonfinancial Disclosure:

Member: Dysphagia Research Society;

DRS 2014 Program Planning Committee

Elizabeth C. Ward, PhD*Financial Disclosure:*

Salary: Centre for Functioning and Health Research (CFAHR); Queensland Health; The University of Queensland, Brisbane, Queensland, Australia

Faculty Concession/Honorarium

Nonfinancial Disclosure:

Member: Dysphagia Research Society

Jonghye Woo, PhD*Financial Disclosure:*

Salary: University of Maryland School of Dentistry, Baltimore, Maryland

Faculty Concession/Honorarium

Nonfinancial Disclosure:

No relevant nonfinancial relationship exists

DAILY 3/5/14 - 3/8/14

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

WEDNESDAY 3/5/14

7:50 AM – 8:00 AM	Welcome and Opening Remarks	Cathy L. Lazarus, PhD, CCC-SLP, BRS-S
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Session I: Swallow Screening Tools - How Sensitive Are They? *Moderator: Gary H. McCullough, PhD*

8:00 AM – 8:15 AM	The Yale Swallow Protocol	Steven B. Leder, PhD, CCC-SLP
8:15 AM – 8:30 AM	The TOR-BSST	Rosemary Martino, MA, MSc, PhD
8:30 AM – 8:45 AM	The MMASA	Giselle Carnaby, MPH, PhD
8:45 AM – 9:00 AM	Panel and Audience Discussion	

Session II: Well-used Treatments - Outcomes? *Moderator: Jeri A. Logemann, PhD, CCC-SLP, BRS-S*

9:00 AM – 9:15 AM	Evidence Based Research	James L. Coyle, PhD, CCC-SLP
9:15 AM – 9:30 AM	Device-Facilitated I-PRO Therapy or How to Swallow Strong	JoAnne Robbins, PhD, CCC-SLP, BRS-S
9:30 AM – 9:45 AM	The EMST	Christine Sapienza, PhD
9:45 AM – 10:00 AM	The Shaker Exercise	Caryn Easterling, PhD, CCC, ASHA Fellow
10:00 AM – 10:15 AM	Panel and Audience Discussion	

Session III: Progressive Neurologic Disease - Can We Treat?

Moderator: Stephanie K. Daniels, PhD, CCC-SLP

10:15 AM – 10:30 AM	Exercise Kinesiology	JoAnne Robbins, PhD, CCC-SLP, BRS-S
10:30 AM – 10:45 AM	Training the Bulbar System in ALS: A Changing Historical Perspective	Emily K. Plowman, PhD, CCC-SLP
10:45 AM – 11:00 AM	Exercise Outcomes in Sjogren's Disease and IBM: A Longitudinal Case Study	Georgia A. Malandraki, BS, MA, PhD, CCC-SLP
11:00 AM – 11:15 AM	Panel and Audience Discussion	
11:15 AM – 11:30 AM	BREAK	

Session IV: Long-term Outcomes With Treatment *Moderator: Jan S. Lewin, PhD, BRS-S*

11:30 AM – 11:45 AM	Long-term Outcomes Following Head and Neck Cancer Management: Informing Practice Change	Elizabeth C. Ward, PhD
11:45 AM – 12:00 PM	Long-term Dysphagia: A Late Radiation Effect	Julia Maclean, PhD
12:00 PM – 12:15 PM	Dysphagia Outcomes in Stroke Patients	Maggie-Lee Huckabee, PhD
12:15 PM – 12:30 PM	Panel and Audience Discussion	
12:30 PM – 1:45 PM	Lunch On Your Own	

Session V: Medical/Pulmonary Implications of Aspiration *Moderator: James L. Coyle, PhD, CCC-SLP*

1:45 PM – 2:00 PM	Aspiration From an Infectious Disease Perspective	Nasia Safdar, MD, MBBS
2:00 PM – 2:15 PM	Aspiration From a Pediatric Pulmonary Perspective	Sharon McGrath-Morrow, MD, MBA
2:15 PM – 2:30 PM	Panel and Audience Discussion	

Session VI: Medical Management of the UES *Moderator: Reza Shaker, MD*

2:30 PM – 2:45 PM	Management of Cervical Diverticulum	Michael Pitman, MD
2:45 PM – 3:00 PM	Management of UES Dysfunction	Kulwinder Dua, MD, FRCP (London), FRCP (Edinburgh), FACP, FASGE
3:00 PM – 3:15 PM	Management of UES Stenosis After CXRT	Adam S. Jacobson, MD

3:15 PM – 3:30 PM	Management of UES Dysfunction in the Pediatric Population	Margaret Skinner, MD
3:30 PM – 3:45 PM	Panel and Audience Discussion	
3:45 PM	Adjourn	
4:00 PM – 5:30 PM	DRS Board of Directors Meeting	
5:30 PM – 7:00 PM	<i>Dysphagia</i> Editorial Board Meeting	

THURSDAY 3/6/14

7:00 AM – 7:45 AM	Optional Early Riser Session: Dysphagia Intervention – Revolutionizing the Field Now and in the Future <i>Moderators: Amanda Domer, MS, CCC-SLP; Stephanie M. Shaw, MS, CCC-SLP ~ Advanced Registration Required</i>	
7:50 AM – 8:00 AM	Welcome and Opening Remarks	Cathy L. Lazarus, PhD, CCC-SLP, BRS-S
8:00 AM – 9:30 AM	Scientific Paper Presentations I <i>Moderator: Susan E. Langmore, PhD, CCC-SLP, BRS-S</i>	
9:30 AM – 10:00 AM	New Investigators Forum <i>Moderator: Donna Scarborough, PhD, CCC-SLP, BRS-S</i>	
10:00 AM – 10:10 AM	BREAK	
10:10 AM – 11:10 AM	Scientific Poster Viewing Session I	
11:10 AM – 12:40 PM	Scientific Paper Presentations II <i>Moderator: Georgia A. Malandraki, BS, MA, PhD, CCC-SLP</i>	
12:40 PM – 1:45 PM	Meet the Mentors Luncheon <i>Moderators: Susan E. Langmore, PhD, CCC-SLP, BRS-S; Barbara Sonies, PhD, CCC, BRS-S ~ Advanced Registration Required</i>	
12:40 PM – 1:45 PM	Lunch On Your Own	
1:45 PM – 3:15 PM	Scientific Paper Presentations III <i>Moderator: Steven B. Leder, PhD, CCC-SLP</i>	
3:15 PM – 3:25 PM	BREAK	
3:25 PM – 4:25 PM	Scientific Poster Viewing Session II	
4:25 PM – 5:25 PM	Session VII: Dysphagia - The Physician as Patient <i>Moderator: Cathy L. Lazarus, PhD, CCC-SLP, BRS-S</i>	
4:25 PM – 5:00 PM	Dysphagia - The Physician as Patient	Eric Manheimer, MD, FACP
5:00 PM – 5:15 PM	Panel and Audience Discussion	
5:15 PM	Adjourn	
5:20 PM – 7:00 PM	Welcome Reception	

FRIDAY 3/7/14

7:00 AM – 7:45 AM	Optional Early Riser Session: The Videofluoroscopic Swallowing Study – Is the Lateral Enough? <i>Moderator/Panelist: Bronwyn Jones, MD, FRACP, FRCR</i> <i>Panelists: JoAnne Robbins, PhD, CCC-SLP, BRS-S; Bonnie Martin-Harris, PhD, CCC-SLP, Professor, BRS-S, ASHA Fellow</i>	
7:45 AM – 7:55 AM	BREAK	
7:55 AM – 8:00 AM	Announcements	
8:00 AM – 10:00 AM	Scientific Paper Presentations IV <i>Moderator: Donna S. Lundy, PhD, BRS-S</i>	
10:00 AM – 10:45 AM	Dodds-Donner Lecture <i>Moderator: Cathy L. Lazarus, PhD, CCC-SLP, BRS-S</i>	

10:00 AM – 10:45 AM	Clinical Significance vs. Statistical Significance: What Do Our Results Mean?	Rebecca Z. German, PhD
10:45 AM – 10:55 AM	BREAK	
10:55 AM – 11:30 AM	Scientific Poster Viewing Session III	
11:30 AM – 1:00 PM	Scientific Paper Presentations V Moderator: Julie Barkmeier-Kraemer, PhD, CCC-SLP	
1:00 PM	Adjourn (Conference attendees are free to explore Nashville on their own)	
TBA	Student and Resident Outing ~ <i>Advanced Registration Required</i>	
TBA	DRS Social Event: A Night in Nashville ~ <i>Advanced Registration Required</i>	
SATURDAY 3/8/14		
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 Moderator: Maureen A. Lefton-Greif, PhD	
Session VIII: Service Delivery and Ethics in Dysphagia Management Moderator: Debra M. Suiter, PhD, CCC-SLP, BRS-S		
9:30 AM – 9:45 AM	Ethics in Dysphagia	Paula Leslie, PhD, FRCSLT, CCC-SLP
9:45 AM – 10:00 AM	Service Delivery and Rural Health	Michelle Smith-Tamaray, PhD
10:00 AM – 10:15 AM	Panel and Audience Discussion	
10:15 AM – 10:25 AM	BREAK	
10:25 AM – 11:10 AM	Scientific Poster Viewing Session IV	
11:10 AM – 12:25 PM	Scientific Paper Presentations VII Moderator: Ianessa A. Humbert, PhD	
12:25 PM – 1:30 PM	Lunch On Your Own	
12:25 PM – 1:30 PM	DRS Board of Directors Meeting	
1:30 PM – 3:15 PM	Scientific Paper Presentations VIII Moderator: Michelle R. Ciucci, PhD, CCC-SLP	
3:15 PM – 3:25 PM	BREAK	
3:25 PM – 4:25 PM	Scientific Poster Viewing Session V	
Session IX: The Future for Dysphagia Research and Treatment – Predictive Analytical Models to Improve Long Term Care in Assessment, Treatment, and Recovery Moderator: Art Miller, PhD		
4:25 PM – 4:35 PM	Overview of Three Dimensional Computer Modeling of Swallowing	Sidney Fels, PhD, PEng
4:35 PM – 4:50 PM	Clinical Challenges and Opportunities for 3D Modeling for Dysphagia Diagnosis, Treatment, and Care	Bonnie Martin-Harris, PhD, CCC-SLP, Professor, BRS-S, ASHA Fellow
4:50 PM – 5:05 PM	Medical Imaging and Functional Assessment Issues for 3D Modeling of Swallowing	Jonghye Woo, PhD
5:05 PM – 5:20 PM	Anatomical Considerations in Patient Specific Computer Modeling	William Pearson, PhD
5:20 PM – 5:35 PM	Fluid Modeling Challenges for Swallowing	Mark A. Nicosia, PhD
5:35 PM – 5:50 PM	Panel and Audience Discussion	
5:50 PM	Adjourn	
6:00 PM – 6:30 PM	Awards and Closing Ceremony	

REGISTRATION INFORMATION

Register now at www.dysphagiaresearch.org!

There are three easy ways to register:

- By internet at www.dysphagiaresearch.org
- By fax at 713.960.0488*
- By mail at DRS Management Office, 4550 Post Oak Place, Suite 342, Houston, Texas 77027*

**A hardcopy registration form is available on the society website. However, please note that there is an additional fee of \$20 if you register by mail or fax. Save time and the extra fee by registering online.*

REGISTRATION FEES

	On or Before 1/24/14	After 1/24/14	On-Site† 2/24/14
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	\$700	\$750	\$800
Non Member – Allied Health Professionals, Non-Health Professional Scientists	\$550	\$600	\$650
Students and Residents**	\$250	\$300	\$320

***Verification of Student or Resident status must be submitted.*

OPTIONAL ACTIVITIES

DRS Social Event: A Night in Nashville*	\$85
Meet the Mentors Luncheon*	Complimentary
Optional Early Riser Session: Dysphagia Intervention– Revolutionizing the Field Now and in the Future*	Complimentary
Optional Early Riser Session: The Videofluoroscopic Swallowing Study – Is the Lateral Enough?	Complimentary
Student and Resident Outing*	Complimentary

**Advanced Registration Required. Please visit www.dysphagiaresearch.org for detailed descriptions.*

REGISTRATION DATES

The early bird advanced registration deadline is Friday, January 24, 2014. Registrations received after this date will be charged an additional \$50, as noted in the registration fees.

†Online registration will close Sunday, February 23, 2014. 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 19, 2014. No refunds will be made after this date.

MEETING MANAGEMENT

Angie (Lau) Guy, MPA
Meetings and Events Manager
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.

HOTEL AND TRAVEL INFORMATION



Loews Vanderbilt Hotel

2100 West End Ave.
Nashville, Tennessee 37203
Reservations: 1.800.336.3335

\$175.00 Single/Double Superior
double beds (*2 beds*)

\$195.00 Single/Double Luxury
king bed or two double beds (*2 beds*)

\$350.00 One Bedroom Suites
(*Applicable taxes, currently 15%*)

Group block deadline: February 10, 2014

Please visit www.dysphagiaresearch.org for detailed hotel and travel information including discount codes for travel arrangements.

The Dysphagia Research Society
c/o International Meeting Managers, Inc.
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THE DYSPHAGIA RESEARCH SOCIETY

22nd Annual Meeting

March 6 – 8, 2014

Post-Graduate Course: Treatment Across the Lifespan
March 5, 2014

Loews Vanderbilt Hotel • Nashville, Tennessee
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.

