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 breakdown 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.

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

Sidney Fels, PhD, PEng
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 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

Janessa 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:
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 & BRC 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: Somna 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 Councillor

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
# Program

## Daily 3/5/14 - 3/8/14

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>7:00 AM – 5:30 PM</td>
<td>Registration</td>
</tr>
<tr>
<td>7:00 AM – 8:00 AM</td>
<td>Continental Breakfast</td>
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</tbody>
</table>

## Wednesday 3/5/14

<table>
<thead>
<tr>
<th>Time</th>
<th>Session Title</th>
<th>Presenters</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:50 AM – 8:00 AM</td>
<td>Welcome and Opening Remarks</td>
<td>Cathy L. Lazarus, PhD, CCC-SLP, BRS-S</td>
</tr>
<tr>
<td>8:00 AM – 8:15 AM</td>
<td>Session I: Swallow Screening Tools - How Sensitive Are They?</td>
<td>Moderator: Gary H. McCullough, PhD</td>
</tr>
<tr>
<td>8:00 AM – 8:15 AM</td>
<td>The Yale Swallow Protocol</td>
<td>Steven B. Leder, PhD, CCC-SLP</td>
</tr>
<tr>
<td>8:15 AM – 8:30 AM</td>
<td>The TOR-BSST</td>
<td>Rosemary Martino, MA, MSc, PhD</td>
</tr>
<tr>
<td>8:30 AM – 8:45 AM</td>
<td>The MMASA</td>
<td>Giselle Carnaby, MPH, PhD</td>
</tr>
<tr>
<td>8:45 AM – 9:00 AM</td>
<td>Panel and Audience Discussion</td>
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</tr>
<tr>
<td>9:00 AM – 9:15 AM</td>
<td>Session II: Well-used Treatments - Outcomes?</td>
<td>Moderator: Jeri A. Logemann, PhD, CCC-SLP, BRS-S</td>
</tr>
<tr>
<td>9:00 AM – 9:15 AM</td>
<td>Evidence Based Research</td>
<td>James L. Coyle, PhD, CCC-SLP</td>
</tr>
<tr>
<td>9:15 AM – 9:30 AM</td>
<td>Device-Facilitated I-PRO Therapy or How to Swallow Strong</td>
<td>JoAnne Robbins, PhD, CCC-SLP, BRS-S</td>
</tr>
<tr>
<td>9:30 AM – 9:45 AM</td>
<td>The EMST</td>
<td>Christine Sapienza, PhD</td>
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<tr>
<td>9:45 AM – 10:00 AM</td>
<td>The Shaker Exercise</td>
<td>Caryn Easterling, PhD, CCC, ASHA Fellow</td>
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<tr>
<td>10:00 AM – 10:15 AM</td>
<td>Panel and Audience Discussion</td>
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<tr>
<td>10:15 AM – 10:30 AM</td>
<td>Session III: Progressive Neurologic Disease - Can We Treat?</td>
<td>Moderator: Stephanie K. Daniels, PhD, CCC-SLP</td>
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<tr>
<td>10:15 AM – 10:30 AM</td>
<td>Exercise Kinesiology</td>
<td>JoAnne Robbins, PhD, CCC-SLP, BRS-S</td>
</tr>
<tr>
<td>10:30 AM – 10:45 AM</td>
<td>Training the Bulbar System in ALS: A Changing Historical Perspective</td>
<td>Emily K. Plowman, PhD, CCC-SLP</td>
</tr>
<tr>
<td>10:45 AM – 11:00 AM</td>
<td>Exercise Outcomes in Sjogren's Disease and IBM: A Longitudinal Case Study</td>
<td>Georgia A. Malandraki, BS, MA, PhD, CCC-SLP</td>
</tr>
<tr>
<td>11:00 AM – 11:15 AM</td>
<td>Panel and Audience Discussion</td>
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<tr>
<td>11:15 AM – 11:30 AM</td>
<td>BREAK</td>
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<tr>
<td>11:30 AM – 11:45 AM</td>
<td>Session IV: Long-term Outcomes With Treatment</td>
<td>Moderator: Jan S. Lewin, PhD, BRS-S</td>
</tr>
<tr>
<td>11:30 AM – 11:45 AM</td>
<td>Long-term Outcomes Following Head and Neck Cancer Management: Informing Practice Change</td>
<td>Elizabeth C. Ward, PhD</td>
</tr>
<tr>
<td>11:45 AM – 12:00 PM</td>
<td>Long-term Dysphagia: A Late Radiation Effect</td>
<td>Julia Maclean, PhD</td>
</tr>
<tr>
<td>12:00 PM – 12:15 PM</td>
<td>Dysphagia Outcomes in Stroke Patients</td>
<td>Maggie-Lee Huckabee, PhD</td>
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<tr>
<td>12:15 PM – 12:30 PM</td>
<td>Panel and Audience Discussion</td>
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<tr>
<td>12:30 PM – 1:45 PM</td>
<td>Lunch On Your Own</td>
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<tr>
<td>1:45 PM – 2:00 PM</td>
<td>Session V: Medical/Pulmonary Implications of Aspiration</td>
<td>Moderator: James L. Coyle, PhD, CCC-SLP</td>
</tr>
<tr>
<td>1:45 PM – 2:00 PM</td>
<td>Aspiration From an Infectious Disease Perspective</td>
<td>Nasia Safdar, MD, MBBS</td>
</tr>
<tr>
<td>2:00 PM – 2:15 PM</td>
<td>Aspiration From a Pediatric Pulmonary Perspective</td>
<td>Sharon McGrath-Morrow, MD, MBA</td>
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<tr>
<td>2:15 PM – 2:30 PM</td>
<td>Panel and Audience Discussion</td>
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<tr>
<td>2:30 PM – 2:45 PM</td>
<td>Session VI: Medical Management of the UES</td>
<td>Moderator: Reza Shaker, MD</td>
</tr>
<tr>
<td>2:30 PM – 2:45 PM</td>
<td>Management of Cervical Diverticulum</td>
<td>Michael Pitman, MD</td>
</tr>
<tr>
<td>2:45 PM – 3:00 PM</td>
<td>Management of UES Dysfunction</td>
<td>Kulwinder Dua, MD, FRCP (London), FRCP (Edinburgh), FACP, FASGE</td>
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<tr>
<td>3:00 PM – 3:15 PM</td>
<td>Management of UES Stenosis After CXRT</td>
<td>Adam S. Jacobson, MD</td>
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<tr>
<td>Time</td>
<td>Event</td>
<td>Speaker/Details</td>
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<tr>
<td>3:15 PM – 3:30 PM</td>
<td>Management of UES Dysfunction in the Pediatric Population</td>
<td>Margaret Skinner, MD</td>
</tr>
<tr>
<td>3:30 PM – 3:45 PM</td>
<td>Panel and Audience Discussion</td>
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<tr>
<td>3:45 PM</td>
<td>Adjourn</td>
<td></td>
</tr>
<tr>
<td>4:00 PM – 5:30 PM</td>
<td>DRS Board of Directors Meeting</td>
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<tr>
<td>5:30 PM – 7:00 PM</td>
<td>Dysphagia Editorial Board Meeting</td>
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**Thursday 3/6/14**

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

**Friday 3/7/14**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Speaker/Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:00 AM – 7:45 AM</td>
<td>Optional Early Riser Session: The Videofluoroscopic Swallowing Study – Is the Lateral Enough?</td>
<td>Bronwyn Jones, MD, FRACP, FRCR; JoAnne Robbins, PhD, CCC-SLP, BRS-S; Bonnie Martin-Harris, PhD, CCC-SLP, Professor, BRS-S, ASHA Fellow</td>
</tr>
<tr>
<td>7:45 AM – 7:55 AM</td>
<td>BREAK</td>
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</tr>
<tr>
<td>7:55 AM – 8:00 AM</td>
<td>Announcements</td>
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<td>8:00 AM – 10:00 AM</td>
<td>Scientific Paper Presentations IV</td>
<td>Donna S. Lundy, PhD, BRS-S</td>
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<tr>
<td>10:00 AM – 10:45 AM</td>
<td>Dodds-Donner Lecture</td>
<td>Cathy L. Lazarus, PhD, CCC-SLP, BRS-S</td>
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</table>
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 ~ Advanced Registration Required

TBA DRS Social Event: A Night in Nashville ~ Advanced Registration Required

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

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
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.

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

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<table>
<thead>
<tr>
<th>Registration Fees</th>
<th>On or Before 1/24/14</th>
<th>After 1/24/14</th>
<th>On-Site† 2/24/14</th>
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<tbody>
<tr>
<td>Post-Graduate Course</td>
<td>$175</td>
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<tr>
<td>Open to all participants – Not included in Annual Meeting fees.</td>
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<td>Annual Meeting</td>
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<td>DRS Members – Physicians, Dental Surgeons</td>
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<td>DRS Members – Allied Health Professionals, Non-Health Professional Scientists</td>
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<td>Non Member – Physicians, Dental Surgeons</td>
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<tr>
<td>Students and Residents**</td>
<td>$250</td>
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</tbody>
</table>

** 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.

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
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.