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

Dysphagia Research Society

2016 Annual Meeting
February 25 – 27, 2016

Post-Graduate Course:
Something You Can Chew On: Evidence-based Dysphagia Clinical Care

February 24, 2016

The Westin La Paloma Resort & Spa • Tucson, Arizona
**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**

- Define and implement the best practice for use of bedside evaluation, videoflouroscopy, FEES, and high resolution manometry
- Define and apply the best practice for use of rehabilitation techniques such as electrical stimulation and compensatory techniques
- Define and illustrate the role of HPV related head and neck cancer and cervical spine disease in dysphagia
- Define and illustrate the value of esophageal function evaluation in interventions in adults and children
- Discuss the critical pathway to evaluating patients with complex swallowing complaints
- Demonstrate high quality grant writing skills

**Annual Meeting**

- Describe and apply the importance of an interdisciplinary team in the treatment of swallowing related problems in head and neck cancer
- Define the complex interplay between respiration and swallowing
- Define the role of the cerebellum in motor function and motor learning
- Discuss the role of clinical effectiveness research and quality metrics in clinical research
- Define and implement the principles of writing abstracts and reviewing manuscripts

**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 24.25 \textit{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 18 *AMA PRA Category 1 Credits™*

The breakdown of CEUs is as follows: Post-Graduate Course: 0.65 ASHA CEUs (Advanced level; Professional Area) Annual Meeting: 2.15 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/](http://www.asha.org/ce/CEUs/CERegistryfee/) for CE Registry fee subscription information.

**Optional Activities**

**Session V - Grant Development**
**Wednesday, February 24, 2016 • 1:30 – 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. Course content will focus on developing a program of research, strategizing a research career and grant development. The keynote speaker, Elena Plante, PhD, CCC-SLP, is a highly accomplished researcher and grant reviewer who will share steps toward a successful grant application. Lisa A. Newman, SCD will also address issues related to NIH grant applications including scientific review. Participants will have the opportunity to learn from the experiences of successful early, mid-career and senior scientists in small group discussions and full group question and answer forums. This session provides preferential admission to DRS members. This session is open to the first 60 student/resident/trainee registrants.

**Welcome Reception**
**Thursday, February 25, 2016 • 5:35 – 7:00PM Guest/Spouse**
Welcome Reception tickets purchased upon registration ($60/guest).

**Meet the Mentors Breakfast**
**Friday, February 26, 2016 • 7:00 – 8:10AM**
The purpose of this breakfast is to provide an opportunity for new investigators to network and learn best practices from senior researchers. This session provides preferential admission to DRS members. This session is open to the first 40 student/resident/trainee registrants.

**DRS Lip Sync Battle Fund-Raiser $25**
**Friday, February 26, 2016 • 3:00 – 5:00PM**
The Website Communications and Public Relations Committee (WCPRC) will be hosting the first ever DRS Lip Sync Battle Fund-Raiser! This will be an exciting, fun-filled social event where DRS attendees will lip sync to their favorite songs. Individuals or groups who register may compete to win an exciting award! If you are too shy perform, please plan to attend and cheer on your colleagues. You may even nominate a colleague to perform! (Registration and attendance minimum $25 donation; nominator fee $25). All proceeds will be donated to the DRS Endowment for the Future. Learn more here: [https://dysphagiaresearch.site-ym.com/?LipSyncBattle](https://dysphagiaresearch.site-ym.com/?LipSyncBattle).
Arash Babaei, MD  
Financial Disclosure:  
Salary: Medical College of Wisconsin, Milwaukee, WI  
Faculty Concession/Honorarium received from the DRS  
Nonfinancial Disclosure:  
Member: Dysphagia Research Society

Julie Barkmeier-Kraemer, PhD, CCC-SLP  
Financial Disclosure:  
Salary: University of Utah, Salt Lake City, UT  
Faculty Concession/Honorarium received from the DRS  
Grant/Research Support: University of Utah  
Nonfinancial Disclosure:  
Member: Dysphagia Research Society;  
DRS 2016 Program Planning Committee;  
DRS Ad Hoc Early Investigator Initiative Committee

Diane Bild, MD, MPH  
Financial Disclosure:  
Salary: Patient-Centered Outcomes Research Institute, Washington, DC  
Nonfinancial Disclosure:  
No relevant nonfinancial relationship exists

Martin B. Brodsky, PhD, ScM, CCC-SLP  
Financial Disclosure:  
Salary: Johns Hopkins University, Baltimore, MD  
Grant/Research Support: NIH/NIDCD  
Royalties: MedBridge, Inc.  
Nonfinancial Disclosure:  
Member: Dysphagia Research Society

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Financial Disclosure:  
Salary: The University of Alabama at Birmingham, Department of Radiology, Birmingham, AL  
Faculty Concession/Honorarium received from the DRS  
Royalty: McGraw-Hill  
Nonfinancial Disclosure:  
No relevant nonfinancial relationship exists

Giselle Carnaby, MPH, PhD, FASHA  
Financial Disclosure:  
Salary: University of Central Florida, Orlando, FL  
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Nonfinancial Disclosure:  
Member: Dysphagia Research Society

Michelle R. Ciucci, PhD, CCC-SLP  
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Grant/Research Support: University of Wisconsin  
Intellectual Property Rights: University of Wisconsin  
Nonfinancial Disclosure:  
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Member: Dysphagia Research Society;  
DRS 2016 Program Planning Committee

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Financial Disclosure:  
Salary: University of Wisconsin, Madison, WI  
Grant/Research Support: NIH  
Nonfinancial Disclosure:  
Member: Dysphagia Research Society;  
DRS Ad Hoc Early Investigator Initiative Committee

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Financial Disclosure:  
Salary: University of Houston, Houston, TX  
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Grant/Research Support: Department of Veterans Affairs  
Royalties: Plural Publishing Company  
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Member: Dysphagia Research Society; DRS 2016 Program Planning Committee;  
DRS Scientific Abstract Review Committee — Chair;  
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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;  
Feeding Matters Board and Medical Advisory Committee Member:  
Feeding Matters

Sebastian Doeltgen, PhD, MSLT  
Financial Disclosure:  
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Member: Dysphagia Research Society; DRS Scientific Abstract Review Committee

Caryn Easterling, PhD, CCC, ASHA Fellow  
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Salary: University of Wisconsin, Milwaukee, WI  
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DRS 2016 Program Planning Committee;  
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Grant/Research Support: NIH  
Nonfinancial Disclosure:  
No relevant nonfinancial relationship exists

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Financial Disclosure:  
Salary: Northeast Ohio Medical University, Rootstown, OH  
Nonfinancial Disclosure:  
Member: Dysphagia Research Society

Ianessa A. Humbert, PhD  
Financial Disclosure:  
Salary: University of Florida, Gainesville, FL  
Royalty: Northern Speech Services; Medbridge  
Nonfinancial Disclosure:  
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DRS Ad Hoc Early Investigator Initiative 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 2016 Program Planning Committee;  
DRS Corporate Support Committee;  
Society for Pediatric Research  
Board Member: DRS Councilor  

Jonas T. Johnson, FACS  
Financial Disclosure:  
Salary: University of Pittsburgh;  
University of Pittsburgh Medical Center, Pittsburgh, PA  
Faculty Concession/Honorarium received from the DRS  
Nonfinancial Disclosure:  
Member: Dysphagia Research Society  

Susan E. Langmore, PhD, CCC-SLP, BCS-S  
Financial Disclosure:  
Salary: Boston University, Boston, MA  
Grant/Research Support: 1 R01 DC-12584-01A1; Nestec  
Faculty Concession/Honorarium received from the DRS  
Nonfinancial Disclosure:  
Member: Dysphagia Research Society  
DRS 2016 Program Planning Committee  

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Salary: Mount Sinai Beth Israel, New York, NY  
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Nonfinancial Disclosure:  
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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  
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Jan S. Lewin, PhD, BCS-S  
Financial Disclosure:  
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Nonfinancial Disclosure:  
Member: Dysphagia Research Society  

Phoebe Macrae, PhD  
Financial Disclosure:  
Salary: The University of Canterbury, Christchurch, New Zealand  
Nonfinancial Disclosure:  
Membership: University of Canterbury Rose Centre for Stroke Recovery and Research  

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Financial Disclosure:  
Salary: Purdue University, West Lafayette, IN  
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Nonfinancial Disclosure:  
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Volunteer Consulting: National and Kapodistrian University of Athens, Greece  

Bonnie Martin-Harris, PhD, CCC-SLP, Professor, BCS-S, ASHA Fellow  
Financial Disclosure:  
Salary: Medical University of South Carolina, Charleston, SC  
Grant/Research Support: NIH/NIDCD K24; NIH/NIDCD RO1; VA RR&D; VA RR&D, SPIRE; Mark and Evelyn Trammell Trust  
Royalty and Speaking Fee: Northern Speech Services  
Equipment: Given Imaging  
Faculty Concession/Honorarium received from the DRS  
Nonfinancial Disclosure:  
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DRS 2016 Program Planning Committee;  
DRS Ad Hoc Early Investigator Initiative Committee – Chair  

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Salary: Medical College of Wisconsin, Milwaukee, WI  
Faculty Concession/Honorarium received from the DRS  
Nonfinancial Disclosure:  
Editor: American College of Physicians  
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DRS 2016 Program Planning Committee;  
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Nonfinancial Disclosure:  
Board Member and Consultant: Wisconsin Voice & Swallow Innovation Group  
Member: Dysphagia Research Society;  
DRS 2016 Program Planning Committee;  
DRS Ad Hoc Early Investigator Initiative Committee  

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Financial Disclosure:  
Salary: Appalachian State University, College of Health Sciences, Boone, NC  
Nonfinancial Disclosure:  
Member: Dysphagia Research Society; DRS Corporate Support Committee Chair; DRS 2016 Program Planning Committee;  
DRS Scientific Abstract Review Committee  
Board Member: DRS Treasurer
David H. McFarland, PhD
Financial Disclosure:
Salary: Université de Montréal, Québec, Canada
Stipend and Ownership Interest: LSVT Global, Inc.
Nonfinancial Disclosure:
Adjunct Professor: McGill University
Member: Center for Research in Brain, Language and Music

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Nonfinancial Disclosure:
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Nonfinancial Disclosure:
No relevant nonfinancial relationship exists

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No relevant nonfinancial relationship exists

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Advisory Committee or Review Panel: Global Tracheostomy Collaborative

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Board Member: DRS Archivist

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Member: Dysphagia Research Society
Board Member: DRS Councilor

Neelesh A. Tipnis, MD
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Faculty Concession/Honorarium received from the DRS honoraria and Speaking: Medical Measurement Systems Sponsored Research: Sucampo Pharmaceuticals; Takeda Pharmaceutical; QOL Medial
Stock Options for Medical Advisory: Rockwest Medical
Nonfinancial Disclosure:
Member: North American Society for Pediatric Gastroenterology, Hepatology and Nutrition (NASPGHAN); American Academy of Pediatrics, Mississippi Chapter
Volunteer Teaching: North American Society for Pediatric Gastroenterology, Hepatology and Nutrition (NASPGHAN); American Academy of Pediatrics, Mississippi Chapter

Douglas J. Van Daele, MD
Financial Disclosure:
Salary: University of Iowa Healthcare, Iowa City, IA
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Nonfinancial Disclosure:
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DRS 2016 Program Planning Committee – Chair
Board Member: DRS President

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Financial Disclosure:
Salary: Thomas More University College, Haacht, Belgium
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Member: Dysphagia Research Society; DRS 2016 Program Planning Committee; DRS Scientific Abstract Review Committee

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 24th 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_2016_Annual_Mtg_and_Post.pdf.
### Program

**DAILY – 2/24/16 – 2/27/16**

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
</tr>
</thead>
<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>
</tr>
</tbody>
</table>

**WEDNESDAY, FEBRUARY 24, 2016**

Post-Graduate Course: Something You Can Chew On: Evidence-based Dysphagia Clinical Care

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
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</thead>
<tbody>
<tr>
<td>7:50 AM – 8:00 AM</td>
<td>Welcome and Opening Remarks</td>
</tr>
<tr>
<td>8:00 AM – 9:00 AM</td>
<td><strong>Session I: Evaluation of Dysphagia: Promoting Evidence and Standards</strong></td>
</tr>
<tr>
<td>8:00 AM – 8:15 AM</td>
<td>Promoting Evidence and Standards in Clinical Assessment</td>
</tr>
<tr>
<td>8:15 AM – 8:30 AM</td>
<td>Videofluoroscopic Swallowing Study</td>
</tr>
<tr>
<td>8:30 AM – 8:45 AM</td>
<td>Fiberoptic Endoscopic Evaluation of Swallowing</td>
</tr>
<tr>
<td>8:45 AM – 9:00 AM</td>
<td>Session I Panel and Audience Discussion</td>
</tr>
<tr>
<td>9:00 AM – 10:15 AM</td>
<td><strong>Session II: Ear, Nose and Throat – Otolaryngology</strong></td>
</tr>
<tr>
<td>9:00 AM – 9:15 AM</td>
<td>High Resolution Pharyngeal Manometry: Is it Ready for Prime Time?</td>
</tr>
<tr>
<td>9:15 AM – 9:30 AM</td>
<td>Cervical Spine Disease and Dysphagia: What’s the Evidence?</td>
</tr>
<tr>
<td>9:30 AM – 10:00 AM</td>
<td>Oropharyngeal Cancer in the Era of HPV</td>
</tr>
<tr>
<td>10:00 AM – 10:15 AM</td>
<td>Session II Panel and Audience Discussion</td>
</tr>
<tr>
<td>10:15 AM – 10:30 AM</td>
<td>BREAK</td>
</tr>
<tr>
<td>10:30 AM – 11:30 AM</td>
<td><strong>Session III: Gastroenterology</strong></td>
</tr>
<tr>
<td>10:30 AM – 10:45 AM</td>
<td>Pharmacologic Approaches to the Diagnosis and Management of Esophageal Motor Function</td>
</tr>
<tr>
<td>10:45 AM – 11:00 AM</td>
<td>Evaluation of Esophageal Function in Children with Dysphagia</td>
</tr>
<tr>
<td>11:00 AM – 11:15 AM</td>
<td>Feeding Strategies Under Difficult Circumstances: Controversies, Evidence, and Opportunities!</td>
</tr>
<tr>
<td>11:15 AM – 11:30 AM</td>
<td>Session III Panel and Audience Discussion</td>
</tr>
<tr>
<td>11:30 AM – 12:20 PM</td>
<td><strong>Session IV: Radiology</strong></td>
</tr>
<tr>
<td>11:30 AM – 12:10 PM</td>
<td>Dysphagia: Misused and Misunderstood, A Radiologist’s Perspective</td>
</tr>
<tr>
<td>12:10 PM – 12:20 PM</td>
<td>Session IV Panel and Audience Discussion</td>
</tr>
<tr>
<td>12:20 PM – 1:30 PM</td>
<td>Lunch On Your Own</td>
</tr>
</tbody>
</table>

**Concurrent Session 1**

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
</tr>
</thead>
<tbody>
<tr>
<td>1:30 PM – 2:30 PM</td>
<td><strong>Session V: Treatment of Dysphagia: Promoting Evidence and Standards</strong></td>
</tr>
<tr>
<td>1:30 PM – 1:45 PM</td>
<td>Compensatory and Rehabilitation Treatments for Dysphagia</td>
</tr>
<tr>
<td>1:45 PM – 2:00 PM</td>
<td>Electrical &amp; Brain Stimulation in the Treatment of Dysphagia</td>
</tr>
<tr>
<td>2:00 PM – 2:15 PM</td>
<td>Dysphagia Management in Pediatrics</td>
</tr>
<tr>
<td>2:15 PM – 2:30 PM</td>
<td>Session V Panel and Audience Discussion</td>
</tr>
</tbody>
</table>
CONCURRENT SESSION I Continued

<table>
<thead>
<tr>
<th>2:30 PM – 3:45 PM</th>
<th>Session VI: Clinical Conundrum</th>
<th>Moderator: Douglas J. Van Daele, MD</th>
</tr>
</thead>
<tbody>
<tr>
<td>2:30 PM – 3:00 PM</td>
<td>Curious Case of Progressive Dysphagia in a 70 Year Old Woman</td>
<td>Arash Babaei, MD</td>
</tr>
<tr>
<td>3:00 PM – 3:30 PM</td>
<td>Achalasia, Should be a Fairly Easy Diagnosis. Right?</td>
<td>Cheri L. Canon, MD, FACR</td>
</tr>
<tr>
<td>3:30 PM – 3:45 PM</td>
<td>Session VI Panel and Audience Discussion</td>
<td></td>
</tr>
<tr>
<td>3:45 PM</td>
<td>Adjourn</td>
<td></td>
</tr>
</tbody>
</table>

CONCURRENT SESSION II

<table>
<thead>
<tr>
<th>1:30 PM – 4:00 PM</th>
<th>Session V: Grant Development</th>
<th>Moderator: Bonnie Martin-Harris, PhD, CCC-SLP, Professor, BCS-S, ASHA Fellow — Additional Registration Required</th>
</tr>
</thead>
<tbody>
<tr>
<td>1:30 PM – 2:30 PM</td>
<td>Grant Development</td>
<td>Elena Plante, PhD, CCC-SLP</td>
</tr>
<tr>
<td>2:30 PM – 3:30 PM</td>
<td>Roundtable Discussion</td>
<td>Lisa A. Newman, ScD</td>
</tr>
</tbody>
</table>

Table 1 Developing a Program of Research in the Clinical Setting
Table 2 Is Research Right for You – Your Role on the Scientific Team (Team Science)?
Table 3 Pre-Doctoral (PhD) Trainee
Table 4 Early Stage Investigator and New Investigator/Post Terminal Degree

| 3:30 PM – 4:00 PM | Session V Panel and Audience Discussion | |
| 4:00 PM           | Adjourn                        | |

THURSDAY, FEBRUARY 25, 2016
Annual Meeting

<table>
<thead>
<tr>
<th>7:00 AM – 7:45 AM</th>
<th>Early Riser Session VII: Respiration – Pulmonary Health</th>
<th>Moderator: Art Miller, PhD</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:00 AM – 7:15 AM</td>
<td>Respiratory Control Mechanisms Across the Age Span</td>
<td>Ralph F. Fregosi, PhD</td>
</tr>
<tr>
<td>7:15 AM – 7:30 AM</td>
<td>Respiratory Function and Modification Related to Swallowing</td>
<td>David H. McFarland, PhD</td>
</tr>
<tr>
<td>7:30 AM – 7:45 AM</td>
<td>Early Riser Session Panel and Audience Discussion</td>
<td></td>
</tr>
<tr>
<td>7:45 AM – 7:50 AM</td>
<td>BREAK</td>
<td></td>
</tr>
<tr>
<td>7:50 AM – 8:00 AM</td>
<td>Welcome and Opening Remarks</td>
<td>Douglas J. Van Daele, MD</td>
</tr>
<tr>
<td>8:00 AM – 9:30 AM</td>
<td>Scientific Paper Presentations I: Pediatric</td>
<td>Moderator: Maureen A. Lefton-Greif, PhD, CCC-SLP, BCS-S</td>
</tr>
<tr>
<td>9:30 AM – 10:00 AM</td>
<td>New Investigators Forum</td>
<td>Moderator: Barbara Sonies, PhD, CCC-SLP, BCS-S</td>
</tr>
<tr>
<td>10:00 AM – 11:00 AM</td>
<td>Break and Scientific Poster Viewing Session I</td>
<td></td>
</tr>
<tr>
<td>11:00 AM – 12:30 PM</td>
<td>Scientific Paper Presentations II: Head and Neck Cancer</td>
<td>Moderator: Jan S. Lewin, PhD, BCS-S</td>
</tr>
<tr>
<td>12:30 PM – 1:35 PM</td>
<td>Lunch On Your Own</td>
<td></td>
</tr>
<tr>
<td>1:35 PM – 3:05 PM</td>
<td>Scientific Paper Presentations III: Gastroenterology</td>
<td>Moderator: Arash Babaei, MD</td>
</tr>
<tr>
<td>3:05 PM – 4:05 PM</td>
<td>Break and Scientific Poster Viewing Session II</td>
<td></td>
</tr>
<tr>
<td>4:05 PM – 5:35 PM</td>
<td>Session VIII: Successful Abstract Creation and Manuscript Review</td>
<td>Moderator: Caryn Easterling, PhD, CCC, ASHA Fellow</td>
</tr>
<tr>
<td>4:05 PM – 4:30 PM</td>
<td>Effective Abstracts</td>
<td>Nadine P. Connor, PhD, CCC-SLP</td>
</tr>
<tr>
<td>4:30 PM – 5:20 PM</td>
<td>How to Review a Manuscript</td>
<td>Ralph F. Fregosi, PhD</td>
</tr>
<tr>
<td>5:20 PM – 5:35 PM</td>
<td>Session VIII Panel and Audience Discussion</td>
<td></td>
</tr>
<tr>
<td>5:35 PM</td>
<td>Adjourn</td>
<td></td>
</tr>
<tr>
<td>5:35 PM – 7:00 PM</td>
<td>Welcome Reception</td>
<td></td>
</tr>
</tbody>
</table>
## FRIDAY, FEBRUARY 26, 2016

**Annual Meeting**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:00 AM – 8:10 AM</td>
<td><strong>Meet the Mentors Breakfast</strong> <em>Moderators: Barbara Sonies, PhD, CCC-SLP, BCS-S; Susan E. Langmore, PhD, CCC-SLP, BCS-S — Additional Registration Required</em></td>
</tr>
<tr>
<td>8:10 AM – 8:15 AM</td>
<td>Announcements</td>
</tr>
<tr>
<td>8:15 AM – 10:15 AM</td>
<td><strong>Scientific Paper Presentations IV: Neurology</strong> <em>Moderator: Jan Vanderwegen, MD</em></td>
</tr>
<tr>
<td>10:15 AM – 11:00 AM</td>
<td><strong>Dodds-Donner Lecture</strong> <em>Moderator: Douglas J. Van Daele, MD</em></td>
</tr>
<tr>
<td>10:15 AM – 11:00 AM</td>
<td>The Importance of Dysphagia in Head and Neck Practice <em>Jonas T. Johnson, FACS</em></td>
</tr>
<tr>
<td>11:00 AM – 11:35 AM</td>
<td>Break and Scientific Poster Viewing Session III</td>
</tr>
<tr>
<td>11:35 AM – 1:05 PM</td>
<td><strong>Scientific Paper Presentations V: Patient Care</strong> <em>Moderator: Martin B. Brodsky, PhD, ScM, CCC-SLP</em></td>
</tr>
<tr>
<td>1:05 PM</td>
<td>Adjourn (Conference attendees are free to explore Tucson on their own)</td>
</tr>
</tbody>
</table>

## SATURDAY, FEBRUARY 27, 2016

**Annual Meeting**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:30 AM – 7:55 AM</td>
<td>Annual Members’ Business Meeting</td>
</tr>
<tr>
<td>7:55 AM – 8:00 AM</td>
<td>Announcements</td>
</tr>
<tr>
<td>8:00 AM – 9:30 AM</td>
<td><strong>Scientific Paper Presentations VI: Patient Care</strong> <em>Moderator: Sebastian Doeltgen, PhD, MSLT</em></td>
</tr>
<tr>
<td>9:30 AM – 10:40 AM</td>
<td><strong>Session IX: Innovative Clinical Research Topics</strong> <em>Moderator: Julie Barkmeier-Kraemer, PhD, CCC-SLP</em></td>
</tr>
<tr>
<td>9:30 AM – 10:05 AM</td>
<td>Quality Metrics: Approaches Using HRM as a Model <em>John E. Pandolfino, MD</em></td>
</tr>
<tr>
<td>10:05 AM – 10:40 AM</td>
<td>PCORI and Comparative Effectiveness Research Opportunities <em>Diane Bild, MD, MPH</em></td>
</tr>
<tr>
<td>10:40 AM – 11:25 AM</td>
<td>Break and Scientific Poster Viewing Session IV</td>
</tr>
<tr>
<td>11:25 AM – 12:40 PM</td>
<td><strong>Scientific Paper Presentations VII: Physiology</strong> <em>Moderator: Michelle R. Ciucci, PhD, CCC-SLP</em></td>
</tr>
<tr>
<td>12:40 PM – 1:45 PM</td>
<td>Lunch On Your Own</td>
</tr>
<tr>
<td>1:45 PM – 3:30 PM</td>
<td><strong>Scientific Paper Presentations VIII: Dysphagia</strong> <em>Moderator: Debra M. Suiter, PhD, CCC-SLP, BCS-S</em></td>
</tr>
<tr>
<td>3:30 PM – 4:30 PM</td>
<td>Break and Scientific Poster Viewing V</td>
</tr>
<tr>
<td>4:30 PM – 5:30 PM</td>
<td><strong>Session X: Cerebellum: Its Emerging Role in Swallowing</strong> <em>Moderator: Mark A. Nicosia, PhD</em></td>
</tr>
<tr>
<td>4:30 PM – 4:45 PM</td>
<td>Introducing the Cerebellum                                           <em>Phoebe Macrae, PhD</em></td>
</tr>
<tr>
<td>4:45 PM – 5:00 PM</td>
<td>Motor Learning, Swallowing, and Cerebellar Damage <em>Ianessa A. Humbert, PhD</em></td>
</tr>
<tr>
<td>5:00 PM – 5:15 PM</td>
<td>Cerebellum and Its Relevance to Mastication and Swallowing in the Developing Brain <em>Rebecca Z. German, PhD</em></td>
</tr>
<tr>
<td>5:15 PM – 5:30 PM</td>
<td>Session X Panel and Audience Discussion</td>
</tr>
<tr>
<td>5:30 PM</td>
<td>Adjourn</td>
</tr>
<tr>
<td>5:30 PM – 5:50 PM</td>
<td>Break</td>
</tr>
<tr>
<td>5:50 PM – 6:35 PM</td>
<td>Awards and Closing Ceremony</td>
</tr>
</tbody>
</table>
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**

<table>
<thead>
<tr>
<th>Registration Type</th>
<th>On or Before 1/14/16 5pm CST</th>
<th>After 1/14/16 5pm CST</th>
<th>On-Site† 2/11/16 5pm CST</th>
</tr>
</thead>
<tbody>
<tr>
<td>Post-Graduate Course</td>
<td>$175</td>
<td>$225</td>
<td>$245</td>
</tr>
<tr>
<td>Annual Meeting</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>DRS Members* – Physicians, Dental Surgeons</td>
<td>$600</td>
<td>$650</td>
<td>$700</td>
</tr>
<tr>
<td>DRS Members* – Allied Health Professionals, Non-Health Professional Scientists</td>
<td>$450</td>
<td>$500</td>
<td>$550</td>
</tr>
<tr>
<td>Non Member – Physicians, Dental Surgeons</td>
<td>$700</td>
<td>$750</td>
<td>$800</td>
</tr>
<tr>
<td>Non Member – Allied Health Professionals, Non-Health Professional Scientists</td>
<td>$550</td>
<td>$600</td>
<td>$650</td>
</tr>
<tr>
<td>Students and Residents</td>
<td>$250</td>
<td>$300</td>
<td>$320</td>
</tr>
</tbody>
</table>

NEW! The first 60 DRS Student and Resident MEMBERS that register for BOTH Annual Meeting AND Post-Graduate Course will receive a $75 discount. Verification of Student or Resident status must be submitted.

**Existing Members:** In order to receive the discounted member rate for the annual meeting, member dues must be paid-in-full through 2016, by the start of the meeting (February 25, 2016).

**New Members:** Thank you for your interest in joining the DRS! You may register for the meeting as a member, but the DRS Office must receive your complete membership application by Thursday, January 14, 2016, at 5:00 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.


**Registration Dates**

The early bird advanced registration deadline is Thursday, January 14, 2016, 5pm CST. Registrations received after this date will be charged an additional $50, as noted in the registration fees.

†Online registration will close Thursday, February 11, 2016, 5pm 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 10, 2016. 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**

**Airline Transportation**
Taxis, shuttle service and public transportation are all options for traveling to and from the hotel (fees will apply). Tucson International Airport (TUS) is approximately 16 miles from the Westin La Paloma Resort & Spa. Phoenix Sky Harbor International Airport (PHX) is approximately 109 miles from the Westin La Paloma Resort & Spa. 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 or call United Airlines Meetings at 1-800-426-1122. Refer to Z Code: ZVFS and Agreement Code: 502722. 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. Enter your Z code and Agreement Code (without a space) in the offer code box: ZVFS502722.

**Ground Transportation**
Rental Car Special rates have also been negotiated with Avis Rent A Car System for attendees. To request a rate or make a reservation with Avis, please call 1-800-525-7537 X31247 or visit www.avis.com. Please refer to the Avis Worldwide Discount Number (AWD) – D012197 to obtain the discounted rates.

**HOTEL INFORMATION**

**The Westin La Paloma Resort & Spa**
3800 E Sunrise Drive
Tucson, AZ 85718
Reservations: 520.742.6000

$199.00 Single/Double Traditional King bed or Double beds

$229.00 Single/Double Deluxe King bed or Double beds

$350.00 One Bedroom Master Suite
*(Applicable taxes, currently 12.05%)*

Group block deadline: February 8, 2016
Dysphagia Research Society
24th Annual Meeting
February 25 – 27, 2016

Post-Graduate Course:
Something You Can Chew On: Evidence-based Dysphagia Clinical Care
February 24, 2016

The Westin La Paloma Resort & Spa • Tucson, Arizona
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.