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 the role of sensory stimulation and neuroplasticity in the rehabilitation of swallowing disorders
- Describe and implement new techniques used to evaluate and treat (including regenerative medicine) swallowing disorders with and without aspiration
- Recognize the utility and limitations of new techniques to evaluate the physiology and pathophysiology of esophageal motility
- Explain and utilize the endoscopic approach to refractory benign esophageal strictures
- Evaluate infants with feeding disorders
- Understand the biomechanics of bolus size and texture of swallowing function

Annual Meeting
- Recognize the mechanism of esophago-pharyngeal reflux and its management using novel new techniques
- Define the treatment of profound oro-pharyngeal dysphagia
- Describe new techniques on how to feed infants at high-risk for aspiration
- Explain advances in regenerative medicine directed towards re-growing the human esophagus
- Understand the influence of bolus textural modifications on normal and abnormal swallowing and utilize this science for dysphagia rehabilitation
- Implement evidence-based, multidisciplinary approach to difficult and challenging cases with dysphagia
- Describe the principles of writing grants for funding

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 AMA PRA Category 1 Credits™. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

The break down 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 17.75 AMA PRA Category 1 Credits™

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 2.35 ASHA CEUs (Advanced level; Professional Area)

Please visit the following ASHA webpage regarding questions on eligibility for ASHA CEUs: http://www.asha.org/CE/for-providers/Eligibility-for-Earning-ASHA-CEUs/.

### Optional Activities

**DRS New Investigator Sessions: Telling Your Story in a Grant Application**

**Thursday, March 12, 2015 • 7:00 – 7:45AM; 1:00 – 1:45PM**

Communicating research ideas in a grant application is a challenge for many new investigators. During the AM session, participants will hear a presentation on successful grant writing principles and participate in a comparative example grant application exercise. The PM session will involve a panel of funded and scientific reviewers with experience in various grant mechanisms.

**Welcome Reception**

**Thursday, March 12, 2015 • 6:00 – 7:30PM**

Guest/Spouse Welcome Reception tickets purchased upon registration ($60/guest).

**Meet the Mentors Breakfast**

**Friday, March 13, 2015 • 7:00 – 7:45AM**

The purpose of this breakfast is to provide an opportunity for new investigators to network and learn best practices from senior researchers.

**A Scientific Tribute to Jeri A. Logemann, PhD, CCC-SLP, BCS-S**

**Friday, March 13th, 2015 • 3:00 – 5:00PM**

Northwestern University Feinberg School of Medicine
The Pritzker Auditorium 3-506
251 E. Huron St., Chicago, IL  60611

This memorial tribute to Jeri Logemann, PhD, CCC-SLP, BCS-S, sponsored by Northwestern University, will include past students, colleagues, and collaborators who will speak on the impact Jeri Logemann has had on their lives, research and the field of dysphagia. The program will conclude with time for attendees to contribute personal comments, given Jeri’s impact far and wide.

**DRS Social Event: An Evening in Chicago $85**

**Friday, March 13, 2015 • 6:00 – 9:00PM**

Learn how to toss pizza dough like a professional at Bar Toma owned by Bravos’ “Top Chef Masters” Chef Tony Mantuano followed by dinner!
Joan C. Arvedson, PhD, CCC-SLP, BCS-S
Financial Disclosure:
Salary: Children's Hospital of Wisconsin, Milwaukee, Wisconsin
Royalty: Cengage Learning, Pearson Publishing,
Northern Speech Services
Nonfinancial Disclosure:
Member: Dysphagia Research Society
Other Volunteer Activities: Trinity Episcopal Church - Lay Reader

Arash Babaei, MD
Financial Disclosure:
Salary: Medical College of Wisconsin, Milwaukee, Wisconsin
Faculty Concession/Honorarium
Grant/Research Support: ACell, CR Bard, Vertex
Faculty Concession/Honorarium
Nonfinancial Disclosure:
Member: Dysphagia Research Society; DRS 2015 Scientific Abstract Committee

Stephen F. Badylak, DVM, PhD, MD
Financial Disclosure:
Salary: University of Pittsburgh, Pittsburgh, Pennsylvania
Grant/Research Support: ACell, CR Bard, Vertex
Faculty Concession/Honorarium
Nonfinancial Disclosure:
Member: Asana, Miromatrix, Ventrix

Peter C. Belafsky, MD, MPH, PhD
Financial Disclosure:
Salary: University of California at Davis Medical Center, Sacramento, California
Faculty Concession/Honorarium
Grant/Research Support: ACell, CR Bard, Vertex
Faculty Concession/Honorarium
Nonfinancial Disclosure:
Member: Dysphagia Research Society; DRS 2015 Program Planning Committee

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

Giselle Carnaby-Mann, MPH, PhD
Financial Disclosure:
Salary: University of Florida, Gainesville, Florida
Nonfinancial Disclosure:
Member: Dysphagia Research Society

Julie A.Y. Cichero, PhD, BA, BSP'Thy
Financial Disclosure:
Salary: The Wesley Hospital, Queensland, Australia
Consulting Fee, Nestle Health Science, Trisco
Speaker Fee, Nestle Health Science
Nonfinancial Disclosure:
Member: Dysphagia Research Society, International Dysphagia Diet Standardization Initiative - Co-chair, Honorary Senior Fellow, School of Pharmacy, The University of Queensland, Australia

Pamela Dodrill, PhD, CCC-SLP
Financial Disclosure:
Salary: Boston Children's Hospital, Boston, Massachusetts
Nonfinancial Disclosure:
Member: Dysphagia Research Society
Board Member: Feeding Matters

Kulwinder Dua, MD, FRCP (London), FRCP (Edinburgh), FACP, FASGE
Financial Disclosure:
Salary: Medical College of Wisconsin, Milwaukee, Wisconsin
Royalty: Cook Medicals
Faculty Concession/Honorarium
Nonfinancial Disclosure:
Board President: Dysphagia Research Society
Co-Chair: DRS 2015 Program Planning Committee

Rainer Dziewas, MD
Financial Disclosure:
Salary: Centre for GI Sciences, Institute of Inflammation and Repair, University of Manchester, Manchester, United Kingdom
Faculty Concession/Honorarium
Nonfinancial Disclosure:
Member: Dysphagia Research Society
Board Member: Phagenesis Ltd.

Shaheen Hamdy, MB ChB, FRCP, PhD
Financial Disclosure:
Salary: Centre for GI Sciences, Institute of Inflammation and Repair, University of Manchester, Manchester, United Kingdom
Faculty Concession/Honorarium
Nonfinancial Disclosure:
Member: Dysphagia Research Society
Board Member: DRS Ad Hoc International Councilor

Hideaki Kanazawa, MD
Financial Disclosure:
Salary: Hamamatsu City Rehabilitation Hospital, Hamamatsu, Japan
Faculty Concession/Honorarium
Nonfinancial Disclosure:
No relevant nonfinancial relationship exists

Sandeep Kumar, MD, FAHA
Financial Disclosure:
Salary: Beth Israel Deaconess Medical Center, Harvard Medical School, Boston, Massachusetts
Grant/Research Support: National Institute of Health
Faculty Concession/Honorarium
Nonfinancial Disclosure:
Member: Dysphagia Research Society
Susan E. Langmore, PhD, CCC-SLP, BCS-S
Financial Disclosure:
Salary: Boston University, Boston, Massachusetts
Grant/Research Support: 1 R01 DC-12584-01A1; Nestec
Nonfinancial Disclosure:
Member: Dysphagia Research Society; DRS 2015 Program Planning Committee; DRS Logemann Tribute Ad Hoc Committee

Cathy L. Lazarus, PhD, CCC-SLP, BCS-S
Financial Disclosure:
Salary: Mount Sinai Beth Israel, New York, New York
Royalty: NSS-RS
Nonfinancial Disclosure:
Member: Dysphagia Research Society
Board Member: DRS Past President

Steven B. Leder, PhD, CCC-SLP
Financial Disclosure:
Salary: Yale School of Medicine, New Haven, Connecticut
Nonfinancial Disclosure:
Member: Dysphagia Research Society

Maureen A. Lefton-Greif, PhD
Financial Disclosure:
Salary: Johns Hopkins University School of Medicine, Baltimore, Maryland
Grant/Research Support: National Institute on Deafness and other Communication Disorders
Royalty: Pearson's
Faculty Concession/Honorarium
Nonfinancial Disclosure:
Member: Dysphagia Research Society; DRS 2015 Program Planning Committee

Jan S. Lewin, PhD, BCS-S
Financial Disclosure:
Salary: University of Texas MD Anderson Cancer Center, Houston, Texas
Nonfinancial Disclosure:
Member: Dysphagia Research Society

Georgia A. Malandraki, PhD, CCC-SLP, BCS-S
Financial Disclosure:
Salary: Purdue University, West Lafayette, Indiana
Faculty Concession/Honorarium
Nonfinancial Disclosure:
Member: Dysphagia Research Society; DRS 2015 Program Planning Committee; DRS Logemann Tribute Ad Hoc Committee

Ruth E. Martin, PhD, MHSc, BA
Financial Disclosure:
Salary: University of Western Ontario, Ontario, Canada
Consulting and Royalty: Trudell Medical International
Grant/Research Support: CIHR, Heart and Stroke Foundation of Ontario, Ontario Centre of Excellence
Faculty Concession/Honorarium
Nonfinancial Disclosure:
Member: Dysphagia Research Society

Bonnie Martin-Harris, PhD, CCC-SLP, Professor, BCS-S, ASHA Fellow
Financial Disclosure:
Salary: Medical University of South Carolina, Charleston, South Carolina
Grant/Research Support: VARR&D, NIH/NIDCD, Bracco Diagnostics, Inc.
Royalty and Speaking Fee: Northern Speech Services
Nonfinancial Disclosure:
Member: Dysphagia Research Society
Chair: DRS Nominating Committee; DRS Ad Hoc - Early Investigator Initiative Committee

Rosemary Martino, MA, MSc, PhD
Financial Disclosure:
Salary: University of Toronto, Toronto, Canada
Grant/Research Support: Canada Research Chair (Tier 2) for Swallowing Disorders
Faculty Concession/Honorarium
Nonfinancial Disclosure:
Member: Dysphagia Research Society; DRS 2015 Scientific Abstract Committee
Chair: DRS Logemann Tribute Ad Hoc Committee
Co-Chair: DRS 2015 Program Planning Committee
Professional: Developer of the TOR-BSST(c)

Benson T. Massey, MD, FACP
Financial Disclosure:
Salary: Medical College of Wisconsin, Milwaukee, Wisconsin
Faculty Concession/Honorarium
Nonfinancial Disclosure:
Member: Dysphagia Research Society; DRS 2015 Program Planning Committee; American Neurogastroenterology and Motility Society - Councilor

Timothy M. McCulloch, MD, FACS
Financial Disclosure:
Salary: University of Wisconsin, Madison, Wisconsin
Grant/Research Support: NIH
Faculty Concession/Honorarium
Nonfinancial Disclosure:
Member: Dysphagia Research Society; DRS 2015 Program Planning Committee; DRS 2015 Scientific Abstract Committee

Art Miller, PhD
Financial Disclosure:
Salary: University of California San Francisco, School of Dentistry, San Francisco, California
Faculty Concession/Honorarium
Nonfinancial Disclosure:
Member: Dysphagia Research Society; DRS 2015 Program Planning Committee
Volunteer Consulting: Phagenesis Ltd.

Ravinder Mittal, MD
Financial Disclosure:
Salary: University of California San Diego, San Diego, California
Faculty Concession/Honorarium
Nonfinancial Disclosure:
No relevant nonfinancial relationship exists
Mark A. Nicosia, PhD
Financial Disclosure:
Salary: Widener University, Chester, Pennsylvania
Faculty Concession/Honorarium
Nonfinancial Disclosure:
Member: Dysphagia Research Society; DRS 2015 Program Planning Committee

Barbara Roa Pauloski, BS, MA, PhD
Financial Disclosure:
Salary: Northwestern University, Evanston, Illinois
Grant/Research Support and Independent Contracting: National Institutes of Health
Faculty Concession/Honorarium
Nonfinancial Disclosure:
No relevant nonfinancial relationship exists

JoAnne Robbins, PhD, CCC-SLP, BCS-S
Financial Disclosure:
Salary: University of Wisconsin, Madison School of Medicine and Public Health and Wm S Middleton Memorial VA Hospital, Madison, Wisconsin
Speaker fee: Northern Speech Services
Royalty: John Wiley & Sons
Nonfinancial Disclosure:
Chief Scientific Officer and Equity Holder: Swallow Solutions, LLC
Member: Dysphagia Research Society

Nathalie Rommel, PhD
Financial Disclosure:
Salary: University of Leuven, Leuven, Belgium
Faculty Concession/Honorarium
Nonfinancial Disclosure:
Patent: AIM technology

Donna Scarborough, PhD, CCC-SLP, BCS-S
Financial Disclosure:
Salary: Miami University, Oxford, Ohio
Faculty Concession/Honorarium
Nonfinancial Disclosure:
Member: Dysphagia Research Society; DRS 2015 Program Planning Committee
Board Member: DRS Councilor

Reza Shaker, MD
Financial Disclosure:
Salary: Medical College of Wisconsin, Milwaukee, Wisconsin
Royalty: Somna Therapeutics
Nonfinancial Disclosure:
Member: Dysphagia Research Society

Roberta Gonçalves da Silva, PhD, SLP
Financial Disclosure:
Salary: Paulista State University-Marília, Marília, São Paulo, Brazil
Faculty Concession/Honorarium
Nonfinancial Disclosure:
No relevant nonfinancial relationship exists

Margaret Skinner, MD
Financial Disclosure:
Salary: Johns Hopkins Hospital, Baltimore, Maryland
Faculty Concession/Honorarium
Nonfinancial Disclosure:
Member: Dysphagia Research Society; DRS 2015 Program Planning Committee

Barbara Sonies, PhD, CCC-SLP, BCS-S
Financial Disclosure:
Salary: University of Maryland, College Park, Maryland
Nonfinancial Disclosure:
Member: Dysphagia Research Society
Board Member: DRS Archivist

Catriona M. Steele, PhD, MHSc, SLP(C), CCC-SLP, BCS-S, Reg. CASLPO, ASHA Fellow
Financial Disclosure:
Salary: Toronto Rehabilitation Institute - University Health Network Toronto, Ontario, Canada
Grant/Research Support: Nestle Health Science, NIDCD; CIHR; NSERC; Heart and Stroke Foundation of Canada
Speaker Fee: Nestle Health Science
Patent on Equipment: Nestle Health Science
Inkind Support: Flavour Creations
Nonfinancial Disclosure:
Member: Dysphagia Research Society

Douglas J. Van Daele, MD
Financial Disclosure:
Salary: University of Iowa Healthcare, Iowa City, Iowa
Faculty Concession/Honorarium
Nonfinancial Disclosure:
Member: Dysphagia Research Society; DRS 2015 Program Planning Committee
Chair: DRS 2015 Scientific Abstract Committee
Board Member: DRS President Elect

To view the most up-to-date list of faculty and disclosures, please visit: http://dysphagiaresearch.site-ym.com/?page=CourseOverview
### Daily - 3/11/15 - 3/14/15

<table>
<thead>
<tr>
<th>Time</th>
<th>Activity</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:00 AM</td>
<td>Registration</td>
</tr>
<tr>
<td>7:00 AM</td>
<td>Continental Breakfast</td>
</tr>
</tbody>
</table>

### Wednesday, March 11, 2015

**Post-Graduate Course: Integrating the Art and Science of Swallowing with Technology**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session I: Speech Language Pathology/Neurology <strong>Moderator: Rosemary Martino, MA, MSc, PhD</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>7:50 AM</td>
<td>Welcome and Opening Remarks</td>
</tr>
<tr>
<td>8:00 AM</td>
<td>Oropharyngeal Air-Pulse Stimulation: Recent Findings</td>
</tr>
<tr>
<td>8:20 AM</td>
<td>Functional and Structural Connectivity: Tools in Understanding Developmental and Treatment Brain Plasticity</td>
</tr>
<tr>
<td>8:40 AM</td>
<td>Non-Invasive Brain Stimulation for Improving Swallowing After Stroke</td>
</tr>
<tr>
<td>9:00 AM</td>
<td>Plasticity in Human Swallowing Motor Cortex - Genes, Transmitters and Remote Effects</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Time</th>
<th>Session I: Otolaryngology <strong>Moderator: Douglas J. Van Daele, MD</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>9:35 AM</td>
<td>The Use of Regenerative Medicine for Tongue Rehabilitation</td>
</tr>
<tr>
<td>9:55 AM</td>
<td>Tubed Epiglottoplasty for Life-Threatening Aspiration</td>
</tr>
<tr>
<td>10:15 AM</td>
<td>High Resolution Manometry: Pharyngeal</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Time</th>
<th>Session III: Gastroenterology <strong>Moderator: Arash Babaei, MD</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>11:05 AM</td>
<td>High Resolution Manometry: Esophageal</td>
</tr>
<tr>
<td>11:25 AM</td>
<td>Dance of the Two Muscle Layers of Esophagus: Relevance to Esophageal Function and Dysfunction</td>
</tr>
<tr>
<td>11:45 AM</td>
<td>Endoscopic Management of Refractory Benign Esophageal Strictures: Tools and Techniques</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Time</th>
<th>Session III: Pediatric Dysphagia <strong>Moderator: Donna Scarborough, PhD, CCC-SLP, BCS-S</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>1:30 PM</td>
<td>Using Novel Technologies to Evaluate Aerodigestive Reflexes in Infants</td>
</tr>
<tr>
<td>1:50 PM</td>
<td>Clinical and Surgical Evaluation of Pediatric Dysphagia - Is There a Niche?</td>
</tr>
<tr>
<td>2:10 PM</td>
<td>Infant Videofluoroscopic Swallow Studies: Standardization and Other High Aspirations</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Time</th>
<th>Session IV: Basic Science <strong>Moderator: Art Miller, PhD</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>2:45 PM</td>
<td>Experimental and Human Studies of the Impact of Sensory Stimuli on Swallowing: Potential for Developing the Ideal Bolus</td>
</tr>
<tr>
<td>3:25 PM</td>
<td>Session V Panel and Audience Discussion</td>
</tr>
<tr>
<td>Time</td>
<td>Event</td>
</tr>
<tr>
<td>--------------</td>
<td>----------------------------------------------------------------------</td>
</tr>
<tr>
<td>3:40 PM</td>
<td>Adjourn</td>
</tr>
<tr>
<td>4:00 PM – 5:30 PM</td>
<td>DRS Board of Directors Meeting</td>
</tr>
<tr>
<td>5:30 PM – 7:00 PM</td>
<td>Dysphagia Editorial Board Meeting</td>
</tr>
</tbody>
</table>

Thursday, March 12, 2015

Annual Meeting

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
</table>
| 7:00 AM – 7:45 AM | DRS New Investigator Sessions: Telling Your Story in a Grant Application  
Moderator: Bonnie Martin-Harris, PhD, CCC-SLP, Professor, BCS-S, ASHA Fellow – Additional Registration Required |
| 7:50 AM – 8:00 AM | Welcome and Opening Remarks                                            |
| 8:00 AM – 8:20 AM | Tribute to Jeri A. Logemann, PhD, CCC-SLP, BCS-S  
Moderators and Speakers: Cathy L. Lazarus, PhD, CCC-SLP, BCS-S; Barbara Roa Pauloski, BS, MA, PhD |
| 8:20 AM – 9:50 AM | Scientific Paper Presentations I - Pediatric  
Moderator: Pamela Dodrill, PhD, CCC-SLP |
| 9:50 AM – 10:20 AM | New Investigators Forum  
Moderator: Barbara Sonies, PhD, CCC-SLP, BCS-S |
| 10:20 AM – 11:20 AM | Break and Scientific Poster Viewing Session I  |
| 11:20 AM – 12:50 PM | Scientific Paper Presentations II - Head and Neck Cancer  
Moderator: Jan S. Lewin, PhD, BCS-S |
| 12:50 PM – 1:55 PM | Lunch On Your Own  |
| 1:00 PM – 1:45 PM | DRS New Investigator Sessions: Telling Your Story in a Grant Application  
Moderator: Bonnie Martin-Harris, PhD, CCC-SLP, Professor, BCS-S, ASHA Fellow – Additional Registration Required |
| 1:55 PM – 3:25 PM | Scientific Paper Presentations III - Physiology  
Moderator: Caryn Easterling, PhD, CCC, ASHA Fellow |
| 3:25 PM – 3:45PM | Feeding the High Risk Infant: State of the Art, Science and Quality  
Sudarshan R. Jadhcherla, MD, FRCP (Ireland), DCH, AGAF |
| 3:45PM – 4:45 PM | Break and Scientific Poster Viewing Session II  |
| 4:45 PM – 5:15 PM | To Feed or Not to Feed Pre-term Infant with Multiple Issues  
Joan C. Arvedson, PhD, CCC-SLP, BCS-S |
| 5:15 PM – 5:45 PM | Heartburn, Chest Pain, Dysphagia, Cough, Vomiting: Is This Just Bad GERD?  
Benson T. Massey, MD, FACP |
| 5:45 PM – 6:00 PM | Gold Medal Award Presentation  
Moderators: Kulwinder Dua, MD, FRCP (London), FRCP (Edinburgh), FACP, FASGE; Rosemary Martino, MA, MS, PhD |
| 5:45 PM | Adjourn                                                                |
| 6:00 PM – 7:30 PM | Welcome Reception                                                      |

Friday, March 13, 2015

Annual Meeting

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
</tr>
</thead>
</table>
| 7:00 AM – 7:45 AM | Meet the Mentors Breakfast  
Moderators: Barbara Sonies, PhD, CCC-SLP, BCS-S; Susan E. Langmore, PhD, CCC-SLP, BCS-S – Additional Registration Required |
| 7:55 AM – 8:00 AM | Announcements                                                        |
| 8:00 AM – 10:00 AM | Scientific Paper Presentations IV - Neurology  
Moderator: Nathalie Rommel, PhD |
| 10:00 AM – 10:45 AM | Dodds-Donner Lecture  
Moderator: Kulwinder Dua, MD, FRCP (London), FRCP (Edinburgh), FACP, FASGE |
<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Speaker(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:00 AM – 10:45 AM</td>
<td>A Regenerative Medicine Approach for Functional Esophageal Reconstruction</td>
<td>Stephen F. Badylak, DVM, PhD, MD</td>
</tr>
<tr>
<td>10:45 AM – 11:20 AM</td>
<td>Break and Scientific Poster Viewing Session III</td>
<td></td>
</tr>
</tbody>
</table>
| 11:20 AM – 12:50 PM | Scientific Paper Presentations V - Patient Care  
Moderator: Giselle Carnaby-Mann, MPH, PhD |                                                |
| 12:50 PM – 1:10 PM | Treatment of Profound Oropharyngeal Dysphagia                         | Peter C. Belafsky, MD, MPH, PhD                |
| 1:10 PM | Adjourn (Conference attendees are free to explore Chicago on their own) |                                                |
| 3:00 PM – 5:00 PM | A Scientific Tribute to Jeri A. Logemann, PhD, CCC-SLP, BCS-S          |                                                |
| 6:00 PM – 9:00 PM | An Evening in Chicago - Additional Registration Required               |                                                |

**Saturday, March 14, 2015**

**Annual Meeting**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Speaker(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>7:30 AM – 7:55 AM</td>
<td>Annual Members’ Business Meeting</td>
<td>Kulwinder Dua, MD, FRCP (London), FRCP (Edinburgh), FACP, FASGE</td>
</tr>
<tr>
<td>7:55 AM – 8:00 AM</td>
<td>Announcements</td>
<td></td>
</tr>
</tbody>
</table>
| 8:00 AM – 9:30 AM | Scientific Paper Presentations VI - Patient Care  
Moderator: Yoko Inamoto, SLHT, PhD |                                                |
| 9:30 AM – 9:50 AM | Dysphagia Research: Lessons from the Past, Promises for the Future     | Rosemary Martino, MA, MSc, PhD                  |
| 9:50 AM – 10:50 AM | Break and Scientific Poster Viewing Session IV                       |                                                |
| 10:50 AM – 11:20 AM | I Can Tell You About the Pharyngeal Swallow without Looking          | Steven B. Leder, PhD, CCC-SLP                   |
| 11:20 AM – 12:20 PM | Scientific Paper Presentations VII - Physiology  
Moderator: Martin B. Brodsky, PhD, ScM, CCC-SLP |                                                |
| 3:45 PM – 4:05 PM | Mechanisms and Management of Esophageal-Pharyngeal Reflux              | Reza Shaker, MD                                 |
| 4:05 PM – 4:50 PM | Break and Scientific Poster Viewing Session V                          |                                                |

**Session XI: State of the Art Talk**  
Moderator: Arash Babaei, MD

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Speaker(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>4:50 PM – 5:05 PM</td>
<td>A Rheological Perspective on Swallowed Materials</td>
<td>Mark A. Nicosia, PhD</td>
</tr>
<tr>
<td>5:05 PM – 5:20 PM</td>
<td>Physiological Adaptations to Altered Bolus Characteristics</td>
<td>Catriona M. Steele, PhD, MHSc, SLP(C), CCC-SLP, BCS-S, Reg. CASLPO, ASHA Fellow</td>
</tr>
<tr>
<td>5:20 PM – 5:35 PM</td>
<td>Clinical Aspects of Thickened Liquid Use</td>
<td>Julie A.Y. Cichero, PhD, BA, BSPhThy</td>
</tr>
<tr>
<td>5:35 PM – 5:50 PM</td>
<td>Technology Transfer: Patient Preference and Adherence</td>
<td>JoAnne Robbins, PhD, CCC-SLP, BCS-S</td>
</tr>
<tr>
<td>5:50 PM – 6:05 PM</td>
<td>Session XII Panel and Audience Discussion</td>
<td></td>
</tr>
<tr>
<td>6:05 PM</td>
<td>Adjourn</td>
<td></td>
</tr>
<tr>
<td>6:05 PM – 6:15 PM</td>
<td>Break</td>
<td></td>
</tr>
<tr>
<td>6:15 PM – 7:00 PM</td>
<td>Awards and Closing Ceremony</td>
<td></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.

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

Registration Fees

<table>
<thead>
<tr>
<th>Registration Dates</th>
<th>On or Before 1/27/15</th>
<th>After 1/27/15</th>
<th>On-Site† 2/27/15</th>
</tr>
</thead>
<tbody>
<tr>
<td>Post-Graduate Course</td>
<td>$175</td>
<td>$225</td>
<td>$245</td>
</tr>
</tbody>
</table>

Open to all participants – Not included in Annual Meeting fees.

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 |

Registration Dates

The early bird advanced registration deadline is Tuesday, January 27, 2015. Registrations received after this date will be charged an additional $50, as noted in the registration fees.

†Online registration will close Friday, February 27, 2015. 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 25, 2015. No refunds will be made after this date.

Meeting Management

Angie 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**

**Travel Information**

**Airline Transportation**
Taxis, shuttle service and public transportation are all options for traveling to and from the hotel (fees will apply). Midway Airport (MDW) is approximately 13.5 miles from the Westin Michigan Avenue. O’Hare International Airport (ORD) is approximately 17.5 miles from the Westin Michigan Avenue.

**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](http://www.united.com) or call United Airlines Meetings at 1-800-426-1122. Refer to Z Code: ZSNR and Agreement Code: 966350. 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](http://www.united.com). Enter your Z code and Agreement Code (without a space) in the offer code box: ZSNR966350.

**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](http://www.avis.com). Please refer to the Avis Worldwide Discount Number (AWD) - D012197 to obtain the discounted rates.

**Hotel Information**

**The Westin Michigan Avenue**
909 North Michigan Avenue
Chicago, Illinois 60611
Reservations: (312) 943-7200

- $179.00 Single/Double Superior
  king bed or double beds (2 beds)
- $200.00 Single/Double Luxury
  king bed or double beds (2 beds)
- $459.00 One Bedroom Suites
  *(Applicable taxes, currently 16.4%)*

Group block deadline: February 16, 2015

Please visit [www.dysphagiaresearch.org](http://www.dysphagiaresearch.org) for detailed hotel and travel information including discount codes for travel arrangements.
Dysphagia Research Society
23rd Annual Meeting
March 12 – 14, 2015
Post-Graduate Course:
Integrating the Art and Science of Swallowing with Technology
March 11, 2015
The Westin Michigan Avenue • Chicago, Illinois
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.