

3rd WDS (World Dysphagia Summit)

March 13–14, 2023

Organized by Dysphagia Research Society

Learn, Motivate, Innovate Together

Transdisciplinary Approaches to Aerodigestive Function & Disorders Across the Lifespan

Monday, March 13, 2023 – Focus on Mechanisms & Evaluation

Time	Activity/Topic
7:00–7:45am	Registration & Breakfast
7:45–8:15am	Welcome & Introductions by the 3rd WDS Co-Chairs <i>Georgia A. Malandraki, PhD, CCC-SLP, BCS-S, ASHA Fellow</i> <i>Bonnie Martin-Harris, PhD, CCC-SLP, BCS-S, ASHA Honors</i>
8:15–8:45am	SESSION 1: Introduction to Team Science & Transdisciplinary Approaches: How to Move our Field Forward Moderator: <i>Bonnie Martin-Harris, PhD, CCC-SLP, BCS-S, ASHA Honors</i> Speakers: <i>Rosemary Martino, PhD, & Reza Shaker, MD</i>
8:45–9:30am	SESSION 2: Basic and Translational Research on Aerodigestive Mechanisms: What Do We Know and Where Do We Go Next? Moderator: <i>Rebecca German, PhD</i> Topics & Panel Speakers: Use of Basic Science Models used to Study Dysphagia <i>Nadine Connor, PhD</i> Current Updates and Future Directions on Basic Science/Animal Models for Pediatric Dysphagia <i>Tiffany J. Glass, PhD</i> Current Updates and Future Directions on Basic Science/Human Work for Chewing and Swallowing in Adults <i>Koichiro Matsuo, DDS, PhD</i> Current Updates and Future Directions on Basic Science/Rheology/Modeling Applications for Dysphagia <i>Mark Nicosia, PhD</i>
9:30–10:30am	SESSION 3: Fundamentals of Screening & Clinical Examination of Oropharyngeal and Esophageal Functions – Starting Off on the Right Path Moderator: <i>Gary McCullough, PhD, CCC-SLP</i> Topics & Panel Speakers: Overview of Screenings and Clinical Assessments across Age Spectrum–Validation and Standardization <i>Renée Speyer, PhD</i> Screening and Clinical Evaluation in the Age of the “Internet of Things” <i>Giselle Carnaby, MPH, PhD, FASHA, A-Honors</i> State of the Science of Screenings and Future Directions for Pediatric Feeding and Swallowing Disorders <i>Britt Pados, PhD, RN, NNP-BC, FAHA, FNAP</i> Esophageal Disorders Screening - Hypervigilance/Anxiety Component <i>Tiffany Taft, PsyD, MIS</i>
10:30–11:00am	Break & Time for Exhibits
11:00am–12:30pm	SESSION 4: Diagnostic Challenges & Solutions Across Disciplines and Countries (Interactive Grand Rounds of Pediatric and Adult Cases) Moderators/Facilitators Adult Case/s: <i>Rosemary Martino, PhD & Anna Miles, PhD</i> Moderator/Facilitator Pediatric Case: <i>Joan Arvedson, PhD, CCC-SLP</i> Topics & Panel Speakers: Diagnostic Challenges in Adults with COPD <i>Julie Regan, PhD</i> Diagnostic Challenges in Infants and Children with Bronchopulmonary Dysplasia (BPD) <i>Brianna Aoyama, MD & Maureen Lefton-Greif, PhD, CCC-SLP</i>

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Time	Activity/Topic
12:30–2:00pm	Lunch Break & Networking (Lunch on your own)
2:00–3:30pm	SESSION 5: Imaging & Signal Processing of Normal and Abnormal Aerodigestive Functions Moderators: <i>Sudarshan Jadcherla, MD, Susan Langmore, PhD, CCC-SLP & Eichii Saitoh, MD, DMSc</i> Topics & Panel Speakers: Radiologic Imaging Using VFSS to Study Aerodigestive Structure and Functions in Health and Disease Across Lifespan: Current Updates and Future Directions <i>Bonnie Martin-Harris, PhD, CCC-SLP, BCS-S, ASHA Honors</i> Static and Dynamic MR Imaging to Study Neurophysiological Mechanisms of Normal and Abnormal Aerodigestive Functions Across Lifespan: Current Updates and Future Directions <i>Brad Sutton, PhD</i> 3D CT Imaging for Swallowing Function and Disorders Across Lifespan: Current Updates and Future Directions <i>Yoko Inamoto, SLHT, PhD</i> Use of FEES to Examine Aerodigestive Structure and Functions Across the Lifespan <i>Laura Baijens, MD & Claire Kane Miller, PhD, MHA</i> High-Resolution Manometry in the Study of Pharyngo-esophageal Functional Physiology: Current Updates and Future Directions <i>Nathalie Rommel, PhD</i> pH-Impedance Testing in Clarifying Esophageal Pathologies and Aerodigestive Pathologies: Current Updates and Future Directions <i>Francis Edeani, MD</i> Esophageal Imaging / Research on Reflexes between Esophagus and UES: Current Updates and Future Directions <i>Ling Mei, MD, MPH</i> Signal Processing to Improve Aerodigestive Imaging and Other Assessments: Current Updates and Future Directions <i>Ervin Sejdic, PhD</i>
3:30–4:00pm	SESSION 6: Olympic Dysphagia Knockouts Round 1: Hot Topics Debate Session (with audience participation) Moderator: <i>Timothy McCulloch, MD</i> Speakers/Debaters: <i>Jacqui Allen, MD, FRACS & Francis Edeani, MD</i>
4:00–4:30pm	Break & Time for Exhibits
4:30–5:15pm	SESSION 7: Innovations in the Assessment of Aerodigestive Functions: New Technologies and Tools Moderators: <i>Kulwinder Dua, MD, DSc, FACP, FRCP, MASGE & Christine Sapienza, PhD, CCC-SLP</i> Topics & Panel Speakers: Telepractice Models for Transdisciplinary Dysphagia Care <i>Liz Ward, BSpThy (Hons), Gred Cert Ed, PhD, FSPAA</i> Innovations in Esophageal Endoscopic Approaches to Clarify Downstream Aerodigestive Structure and Function <i>Dustin Carlson, MD, MS</i> Wearable Sensors for the Assessment of Aerodigestive Diseases: Current and Future Directions <i>Steve Xu, MD, MSc</i>
5:15–6:00pm	SESSION 8: Open Discussion Session (led by audience questions on Assessment) Moderators: <i>Michelle Troche, PhD, CCC-SLP & Ashli O'Rourke, MD</i>
6:15–8:30pm	WDS Co-Chairs Reception (Free event – Registration required)

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Time	Activity/Topic
7:00–7:45am	Breakfast
7:45–8:00am	Welcome Back
8:00–8:45am	<p>SESSION 9: Basic and Translational Research on Mechanisms & Principles of Habilitation & Rehabilitation: How do we Discover Mechanisms and Develop/Optimize Treatments?</p> <p>Moderators: <i>Nadine Connor, PhD, & Laura Baijens, MD</i></p> <p>Topics & Panel Speakers:</p> <p>Approaching Complex Mechanisms Underlying Aerodigestive Disorders in Adults and Children <i>Michelle Ciucci, PhD, CCC-SLP & Sudarshan Jadcherla, MD</i></p> <p>How Do We Develop and Optimize Rehabilitative Treatments from the Medical Perspective – Developing a Pipeline towards Effective Treatments <i>Shaheen Hamdy, MD</i></p> <p>Developing and Optimizing Rehabilitative Treatments from a Behavioral Perspective – Barriers and Facilitators <i>Stephanie K. Daniels, PhD</i></p>
8:45–9:30am	<p>SESSION 10: Nutrition, Airway Safety, & Feeding Tubes in Children & Adults</p> <p>Moderators: <i>Jacqui Allen, MD, FRACS & Margaret Walshe, PhD</i></p> <p>Topics & Panel Speakers:</p> <p>The Importance of Early Nutritional Interventions for Brain and Aerodigestive Development <i>Christina Valentine, PhD, RD</i></p> <p>Establishing or Re-establishing Safe Swallowing in Patients Across the Lifespan <i>Joan Arvedson, PhD, CCC-SLP, & Timothy McCulloch, MD</i></p> <p>G- and J-tube Placements: Current Knowledge and Advances <i>Kia Saeian, MD</i></p> <p>End of Life QOL and Nutritional Considerations for Patients with Dysphagia <i>Anna Miles, PhD</i></p>
9:30–10:30am	<p>SESSION 11: Targeted Behavioral Habilitation/Rehabilitation Outcomes & Approaches for the Management of Dysphagia & Aerodigestive Disorders Across the Lifespan</p> <p>Moderators: <i>Stephanie Daniels, PhD & Rodrigo Morales, SLAD President</i></p> <p>Topics & Panel Speakers:</p> <p>Behavioral Rehabilitation/Motor Learning Outcomes & Approaches for Swallowing and Aerodigestive Functions: Current Updates and Future Needs <i>Sebastian Doeltgen, PhD, & Michelle Troche, PhD, CCC-SLP</i></p> <p>Sensorimotor Learning and Psychosocial Approaches in Dysphagic Children: What Do We Know and What Do We Need? <i>Lenie van den Engel-Hoek, SLT, PhD, & Nikhila Raol, MD, MPH</i></p> <p>Behavioral Rehabilitation of Swallowing Disorders in Patients with Neurocognitive Disorders Across Lifespan: Updates, Unique Challenges, and Future Needs <i>Hanneke Kalf, PhD & Nicole Rogus-Pulia, PhD, CCC-SLP</i></p>
10:30–11:00am	Break & Time for Exhibits

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Time	Activity/Topic
11:00am–12:30pm	SESSION 12: Therapeutic Challenges & Solutions Across Disciplines and Countries (Interactive Grand Rounds of Pediatric and Adult Cases) Moderators/Facilitators Adult Case/s: <i>Mark Nicosia, PhD, & Julie Regan, PhD</i> Moderators/Facilitators Pediatric Case/s: <i>Wendellin Burdo-Hartman, MD, & Julie Barkemeier-Kraemer, PhD, CCC-SLP</i> Topics & Panel Speakers: Therapeutic Challenges in an Adult Case of Stroke <i>Martin B. Brodsky, PhD, ScM, CCC-SLP</i> <i>Marlís Gonzalez-Fernandez, MD</i> Therapeutic Challenges in a Pediatric Case of Stroke/Cerebral Palsy <i>Praveen S. Goday, MD</i> <i>Deborah Levy, PhD</i>
12:30–1:30pm	Lunch Break & Networking (Lunch on your own)
1:30–2:30pm	SESSION 13: Innovative Medical & Surgical Procedures for the Patient with Dysphagia & Aerodigestive Disorders <u>Part 1 / GI Focus</u> Moderators: <i>Reza Shaker, MD & Sudarshan Jadcherla, MD</i> Topics & Panel Speakers: Endoscopic Esophageal Treatment Innovations for Adults – Current Perspectives and Future Directions <i>Kulwinder Dua, MD, DSc, FACP, FRCP, MASGE</i> Pediatric Esophageal Motility and Associated Disorders: Current Perspectives, Treatments, and Future Directions <i>Karlo Kovacic, MD, MSc</i> Why Do So Many Patients with Dysphagia Have Normal Esophageal Function Testing? <i>Ravinder K. Mittal, MD</i> HRM prior to Esophagoscopy and Dilatation: Current and Future Directions <i>Peter Wu, MD</i>
2:30–3:30pm	SESSION 14: Innovative Medical & Surgical Procedures for the Patient with Dysphagia & Aerodigestive Disorders <u>Part 2 / ENT Focus</u> Moderators: <i>Tim McCulloch, MD, Douglas Van Daele, MD & Carlos Manzano, MD</i> Topics & Panel Speakers: Medical and Surgical Management of Pharyngeal/UES Dysphagia: Current Perspectives and Future Directions <i>Jacqui Allen, MD, FRACS</i> Meeting in the Middle: Improving Functional Gains after Rendezvous Dilation by Implementing Interdisciplinary Swallowing Therapy/Endoscopy Pathways <i>David Richards, MD & Katherine Hutcheson, PhD, CCC-SLP</i> Rumination Syndromes and Manometry Biofeedback for Management: Latest Updates <i>Ashli O'Rourke, MD</i> Swallowing and Voice Correlates: Updates on Cross-system Interactions <i>Antonio Schindler, MD</i>
3:30–4:00pm	SESSION 15: Olympic Dysphagia Knockouts Round 2: Hot Topics Debate Session (with audience participation) Moderator: <i>Georgia A. Malandraki, PhD, CCC-SLP, BCS-S, ASHA Fellow</i> Speakers/Debaters: <i>Gary McCullough, PhD, CCC-SLP & Phoebe Macrae, PhD</i>

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4:00–4:30pm	Break & Time for Exhibits
4:15–4:25pm	Mindfulness Session (Optional 10-min Session)
4:30–5:15pm	SESSION 16: Facilitating International Equitable Research Collaborations Moderators: <i>Bonnie Martin-Harris, PhD, CCC-SLP, BCS-S, ASHA Honors & Nathalie Rommel, PhD</i> Topics & Panel Speakers: Introducing a Model for International Equitable Research: The Buffet Institute <i>Annelise Riles, PhD</i> The International Dysphagia Diet Standardization Initiative: Reflections on Facilitators and Barriers in International and Interdisciplinary Collaboration <i>Catriona M. Steele, PhD, CCC-SLP, S-LP(C), Reg. CASLPO, ASHA Fellow</i> Barriers and facilitators in international collaborations from my experiences <i>Shaheen Hamdy, MD</i> Barriers and facilitators in international collaborations from my experiences <i>Eichii Saitoh, MD, DMSc</i>
5:15–5:45pm	SESSION 17: International Patient & Caregiver Panel Moderators: <i>Rosemary Martino, PhD, Numan Demir, PhD, PT, & Ashwini Namasivayam-MacDonald, PhD</i>
5:45–6:30pm	SESSION 18: Open Discussion Session (led by audience questions on Treatment) Moderators: <i>Catriona M. Steele, PhD, CCC-SLP, S-LP(C), Reg. CASLPO, ASHA Fellow & Francis Edeani, MD</i>
6:30–6:45pm	Closing Remarks
7:00–9:00pm	Welcome Reception for 31st DRS Annual Meeting (starting the next day) (Free event – Registration required)