8:20 AM  TYPE 1 LARYNGEAL CLEFT AS A NOVEL CAUSE OF SOLID FOOD DYSPHAGIA  
Margaret Skinner, MD

8:35 AM  EARLY AND CHRONIC NEONATAL DYSPHAGIA: IMPACT OF VFSS FINDINGS ON SHORT TERM AND LONG TERM FEEDING OUTCOMES  
Lauren Madhoun MS, CCC-SLP, BCS-S

8:50 AM  SENSORY SENSITIVITIES IN CHILDREN WITH FEEDING DIFFICULTIES  
Nadin Frederiksen

9:05 AM  OROPHARYNGEAL SWALLOW PHYSIOLOGY IN INFANTS WITH SINGLE VENTRICLES FOLLOWING STAGE I PALLIATION  
Katlyn McGrattan, PhD

9:20 AM  OUTCOMES FROM THE HELP STUDY RCT FOR CHILDREN WITH FEEDING DIFFICULTIES AND REDUCED DIETARY INTAKE  
Pamela Dodrill, PhD, CCC-SLP

9:35 AM  AUTOMATIC DETECTION OF SWALLOWING EVENTS FROM THE SWALLOWING SOUND  
Jayatilake Dushyantha, PhD

NEW INVESTIGATORS FORUM  
THURSDAY, MARCH 12, 2015  
9:50 AM – 10:20 AM  
Moderator: Barbara Sonies, PhD, CCC-SLP, BCS-S

9:50 AM  ELECTRICAL PHARYNGEAL STIMULATION INCREASES SUBSTANCE P LEVEL IN SALIVA  
Sonja Suntrup, PhD

10:05 AM  EFFECT OF LASER-CUT SLOW-FLOW NIPPLES ON PRETERM FEEDING PERFORMANCE  
Katlyn McGrattan, PhD
<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Presenter</th>
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<tbody>
<tr>
<td>11:20 AM</td>
<td>LATE RADIATION-ASSOCIATED DYSPHAGIA (LATE-RAD) AFTER IMRT FOR OROPHARYNGEAL CANCER</td>
<td>Katherine Hutcheson, BA, MS, PhD</td>
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<td>11:35 AM</td>
<td>EFFECTS OF AGE AND RADIATION TREATMENT ON CAPILLARY STRUCTURE AND FUNCTION OF EXTRINSIC TONGUE MUSCLES</td>
<td>John Russell, PhD</td>
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<td>11:50 AM</td>
<td>DOUBLE BLIND STUDY INVESTIGATING THE EFFECT OF DIFFERENT VOICE PROSTHESES ON SWALLOWING USING FIBREOPTIC ENDOSCOPIC EVALUATION OF SWALLOWING (FEES)</td>
<td>Margaret Coffey</td>
</tr>
<tr>
<td>12:05 PM</td>
<td>THE IMPACT OF TIME POST-RADIATION ON DYSPHAGIA IN HNC PATIENTS ENROLLED IN A SWALLOW THERAPY PROGRAM</td>
<td>Susan E. Langmore, PhD, CCC-SLP, BCS-S</td>
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<tr>
<td>12:20 PM</td>
<td>IMPACT OF COMPLIANCE ON DYSPHAGIA REHABILITATION OUTCOMES: RESULTS FROM A MULTI-CENTER CLINICAL TRIAL EVALUATING THE EFFICACY OF ELECTRICAL STIMULATION FOR DYSPHAGIA</td>
<td>Gintas P. Krisciunas, MPH, MA</td>
</tr>
<tr>
<td>12:35 PM</td>
<td>OPEN PARTIAL HORIZONTAL LARYNGECTOMIES: IMPACT OF SURGICAL EXTENSION ON SWALLOWING</td>
<td>Antonio Schindler, MD</td>
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SCIENTIFIC PAPER PRESENTATIONS III - PHYSIOLOGY
THURSDAY, MARCH 12, 2015
1:55 PM - 3:25 PM
Moderator: Caryn Easterling, PhD, CCC, ASHA Fellow

1:55 PM  THE IMPACT OF RLN LESION ON ESOPHAGEAL FUNCTION IN AN INFANT ANIMAL MODEL
Luke Fraley, BA

2:10 PM  ACUTE IMPACT OF A RECURRENT LARYNGEAL NERVE LESION ON SWALLOWING IN AN INFANT PIG MODEL
Ashley Ballester, BS

2:25 PM  CROSS-SYSTEM ACTIVATION AND DETRAINING EFFECTS OF TONGUE EXERCISE IN AGED RATS
Allison Schaser, MS, CCC-SLP

2:40 PM  INSPIRATORY AND EXPIRATORY DORSAL RESPIRATORY GROUP NEURON ACTIVITY DURING SWALLOW
Teresa Pitts, PhD

2:55 PM  CHANGES IN THE ORAL PHASE OF SWALLOWING RESULTING FROM RECURRENT LARYNGEAL NERVE LESION
Francois Gould, PhD

3:10 PM  COMPARISON OF DYSPHAGIA IN TWO MOUSE MODELS OF AMYOTROPHIC LATERAL SCLEROSIS
Sabrina Braun, BHS
8:00 AM  EFFECTS OF NON-INVASIVE BRAIN STIMULATION ON POST-STROKE DYSPHAGIA: A SYSTEMATIC REVIEW AND META-ANALYSIS OF RANDOMIZED CONTROLLED TRIALS
Jessica Pisegna, MS, MEd

8:15 AM  ELECTRICAL PHARYNGEAL STIMULATION FOR DYSPHAGIA TREATMENT IN TRACHEOTOMIZED STROKE PATIENTS
Sonja Suntrup, PhD

8:30 AM  LARYNGOPHARYNGEAL SENSORY DEFICIT IN PATIENTS WITH MCA- INFARCTION: LATERALIZATION AND RELATION TO OVERALL DYSPHAGIA SEVERITY
Thomas Marian, MD

8:45 AM  PRACTICE PATTERNS OF PEG TUBE PLACEMENT IN ACUTE STROKE PATIENTS: ARE THE GUIDELINES UNACHIEVABLE?
Janina Wilmskoetter, MSc

9:00 AM  MORPHOMETRIC ANALYSIS OF THE SWALLOWING MECHANISM DEFINES DIFFERENCES IN POST-STROKE ASPIRATORS
Jessica Pisegna, MS, MEd

9:15 AM  IN SEARCH OF CLINICOPATHOLOGICAL BIOMARKERS FOR EARLY DETECTION OF DYSPHAGIA IN AMYOTROPHIC LATERAL SCLEROSIS
Iyas Daghlas

9:30 AM  AIRWAY PROTECTIVE MECHANISMS AND DEEP BRAIN STIMULATION IN PARKINSON’S DISEASE
Michelle Troche, PhD, CCC-SLP

9:45 AM  LARYNGEAL MECHANOSENSORY DETECTION AND ADDUCTOR REFLEX IN PARKINSON'S DISEASE: TASK SPECIFIC ASSOCIATIONS WITH AERODIGESTIVE SENSORIMOTOR CONTROL
Michael Hammer, MA, PhD, CCC-SLP
11:20 AM  PHARYNGEAL ATROPHY IN THE CONTEXT OF AGING: A RETROSPECTIVE MRI ANALYSIS  
Sonja Molfenter, PhD

11:35 AM  ASPIRATION AS A FUNCTION OF BOLUS TYPE, BOLUS SIZE, BOLUS DELIVERY, AND AGE ACROSS THE HEALTHY ADULT LIFESPAN  
Susan Butler, PhD, CCC-SLP

11:50 AM  PREVENTION OF HEALTHCARE-ASSOCIATED PNEUMONIA WITH ORAL CARE IN INDIVIDUALS WITHOUT MECHANICAL VENTILATION: A SYSTEMATIC REVIEW AND META-ANALYSIS OF RANDOMIZED CONTROLLED TRIALS  
Asako Kaneoka, MS, RST

12:05 PM  AGING EFFECTS ON OROPHARYNGEAL SWALLOWING: A PILOT STUDY  
Kendrea Focht, PhD, CScD,CCC-SLP, CBIS

12:20 PM  TONGUE STRENGTHENING EXERCISES (TSE) DURING 4 WEEKS: DOES LEVEL OF RESISTANCE (LR) MATTER?  
Gwen Van Nuffelen, PhD

12:35 PM  THE EFFECT OF TASTE STRIPS ON SALIVA PRODUCTION AND TASTE ENJOYMENT  
Angela Dietsch, PhD, CCC-SLP
8:00 AM  MEASUREMENT OF CHANGE IN PHARYNGOESOPHAGEAL JUNCTION DIAMETER FOLLOWING ENDOSCOPIC DILATATION USING ENDOFLIP
Julia Maclean, PhD

8:15 AM  EVIDENCE OF SENSITIVITY SHIFTING IN UPPER ESOPHAGEAL SPHINCTER RELAXATION: A HIGH RESOLUTION MANOMETRY STUDY
Alba Azola, MD

8:30 AM  3-DIMENSIONAL MANOMETRY OF THE UPPER ESOPHAGEAL SPHINCTER DURING SWALLOWING AND NON-SWALLOWING TASKS
Jacob Meyer, MS

8:45 AM  PHARYNGEAL PRESSURE GRADIENT PHENOTYPES IN PATIENTS WITH CRICOPHARYNGEAL PROMINENCE
Corinne Jones, MS, CCC-SLP

9:00 AM  VIDEOFLUOROSCOPIC SWALLOW STUDY FINDINGS BEFORE & AFTER CRICOPHARYNGEAL MYOTOMY
Jacqui Allen, MBChB, FRACS

9:15 AM  UTILITY OF ESOPHAGRAM VERSUS HIGH RESOLUTION MANOMETRY IN THE DETECTION OF ESOPHAGEAL DYSMOTILITY
Ashli O'Rourke, MD
11:20 AM  INCREASED VARIABILITY IN TONGUE-PALATE PRESSURE GENERATION IS NOT A HALLMARK OF AGING  
Catriona M. Steele, PhD, MHSc, SLP(C), CCC-SLP, BCS-S,  
Reg. CASLPO, ASHA Fellow

11:35 AM  NOVEL SWALLOWING MANEUVER REDUCES LARYNGEAL VESTIBULE CLOSURE REACTION TIME (LVCRT)  
Ianessa Humbert, PhD, CCC-SLP

11:50 AM  PHARYNGEAL AND ESOPHAGEAL BOLUS TRANSIT TIMES IN HEALTHY ADULTS  
Anna Miles, PhD

12:05 PM  COMPARING PHYSIOLOGICAL SWALLOW MEASURES CAPTURED ON VIDEOFLUOROSCOPY AT DIFFERENT FRAME RATES: A RELIABILITY ANALYSIS  
Rosemary Martino, MA, MSc, PhD
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<td>CLINICIAN RATINGS OF RESIDUE DEPEND ON THE INSTRUMENTAL EVALUATION</td>
<td>Jessica Pisegna, MS, MEd</td>
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<tr>
<td>2:00 PM</td>
<td>VIDEOFLUOROSCOPIC VALIDATION OF A MOUSE MODEL OF PRESBYPHAGIA</td>
<td>Loren Littrell, BHS</td>
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<tr>
<td>2:15 PM</td>
<td>VIDEOFLUOROSCOPIC INVESTIGATION OF DYSPHAGIA IN DOGS WITH NEUROLOGICAL DISEASES</td>
<td>Rebecca Harris, BHS</td>
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<tr>
<td>2:30 PM</td>
<td>RECOVERY OF DYSPHAGIA SYMPTOMS AFTER ORAL INTUBATION IN ICU PATIENTS: A 5-YEAR LONGITUDINAL STUDY</td>
<td>Martin B. Brodsky, PhD, ScM, CCC-SLP</td>
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<tr>
<td>2:45 PM</td>
<td>PHYSIOLOGIC IMPAIRMENT ASSOCIATED WITH SWALLOW TASKS AND MBSIMP COMPONENTS DURING MBSS</td>
<td>R. Jordan Hazelwood, MEd, CCC-SLP, BCS-S</td>
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<td>3:00 PM</td>
<td>SWALLOWING MECHANICS ASSOCIATED WITH SWALLOWING IMPAIRMENT</td>
<td>William Pearson, PhD</td>
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<tr>
<td>3:15 PM</td>
<td>MOUTH DRYNESS, PERCEIVED SWALLOWING EFFORT, AND OROPHARYNGEAL RESIDUE IN PATIENTS WITH DYSPHAGIA</td>
<td>Nicole Rogus-Pulia, PhD, CCC-SLP</td>
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<td>3:30 PM</td>
<td>THE YALE PHARYNGEAL RESIDUE RATING SCALE</td>
<td>Paul Neubauer, MD</td>
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