Sunday, November 5 @ 5:30pm – Embassy Suites Conference Room

Humes Keynote Opening Lecture, Sunday evening Welcome Buffet

6:00 p.m.  **Dr. Sandra Gordon-Salant**

**Title:** Listener, Talker, and Environmental Factors Influencing Speech Perception in Older Adults.

**Affiliation:** University of Maryland at College Park, USA

Monday, November 6 – USF Marshall Center (MSC2500)

**Plasticity of the Older Brain and Implications for Training/Treatment/Rehab**

**Session Chairs:** Drs. Kathy Pichora-Fuller and Judy Dubno

7:45am and 8:15am – Bus Departs Embassy Suites (front door) for Marshall Student Center

8:30 a.m. **Dr. Jana Besser**

**Title:** Audiological Rehabilitation and Care Beyond Speech Intelligibility.

**Affiliations:** Dept. of Science and Technology, Sonova AG, Stäfa, Switzerland

9:10 a.m. **Dr. Louise Hickson**

**Title:** Ecological Momentary Assessment: Understanding the Listening Needs of Older Adults in Everyday Life.

**Authors:** Louise Hickson, Barbra Timmer, and Stefan Launer*

**Affiliations:** School of Health and Rehabilitation Sciences, The University of Queensland, Australia; *Sonova AG

9:50 a.m. Break

10:00 a.m. **Dr. Frank Lin**

**Title:** Hearing Loss & Public Health – From Epidemiologic Insights to Action.

**Affiliations:** Departments of Otolaryngology-HNS, Geriatric Medicine, Mental Health, and Epidemiology, Johns Hopkins University, USA

10:40 a.m. **Dr. Gurjit Singh**

**Title:** Audiologic Rehabilitation Outcomes: New Findings and Future Directions

**Affiliations:** Phonak, Canada

11:20 – 11:40 a.m. **Discussion**

11:40: Pictures – Advisory Group, Invited Speakers, Travel Award Winners

11:40 -1:00 p.m. **Lunch-USF Marshall Center (MSC 2708-2709)**

Noon – 1 Lunch

1 – 3 p.m. **Contributed Oral Presentations – USF Marshall Center**

**Session Chairs:** Drs. Margaret Wallhagen and Matt Goupell

1:00  **Abstract #6**

**Title:** QuicK+fire: Pilot Trial Exploring AUT00063, an Oral Modulator of Voltage-gated Potassium Channels, in Cochlear Implant Users.
Abstract #13
Title: Age-related Hearing-Loss Modulates Audio-Visual Speech Processing.
Authors: Stephanie Rosemann1,2, Christiane M. Thiel1,2,*
* Presenting Author
Affiliations:
1 Biological Psychology, Department of Psychology, European Medical School, Carl-von-Ossietzky Universität Oldenburg, Oldenburg, Germany,
2 Cluster of Excellence “Hearing4all”, Carl von Ossietzky Universität Oldenburg, Oldenburg, Germany

Abstract #16
Title: Artifact or Neural Biomarker of Deprivation? Explaining Evoked Response Differences in Adults With(Out) Hearing Loss.
Authors: Kate S. McClannahan*, K.C. Backer, Kelly L. Tremblay*
* Presenting Author
Affiliation:
University of Washington, Department of Speech and Hearing Sciences, Seattle, WA, USA

Abstract #18
Title: Age-related Differences in Time-Compressed Sentence Identification are Related to Cognitive Processing Speed Predicted by Cortical Oscillatory Activity.
Authors: James W. Dias*, Carolyn M. McClaskey, Kelly C. Harris*
* Presenting Author
Affiliations:
Otolaryngology, Medical University of South Carolina, Charleston, SC, USA

Abstract #20
Title: Training Effects on Perception and Neural Representation of Temporal Speech Cues.
Authors: Samira Anderson*, Eve Kronzek, Jennifer Chisholm, Sandra Gordon-Salant, Matthew J. Goupell* Presenting Author
Affiliations:
Department of Hearing and Speech Sciences, University of Maryland, College Park, MD, USA

Abstract #22
Title: EEG Study of Effortful Listening.
Authors: David B. Ryan1*, Mark A. Eckert2, Eric W. Sellers3, Kim S. Schairer1, Sherri L. Smith1* Presenting Author
Affiliations:
Abstract #27

Title: Listeners' Reactions to Older and Younger Talkers' Uh...Disfluencies.
Authors: Raheleh Saryazdi\textsuperscript{a,*}, Daniel DeSantis\textsuperscript{b}, Craig G. Chambers\textsuperscript{a}, Elizabeth K. Johnson\textsuperscript{a}
Presenting Author

Affiliations:
a) University of Toronto,
b) Alberta Health Services

Abstract #25

Title: Recognition of Text and Speech Interrupted at Variable Rates By Younger and Older Adults.
Authors/Affiliations: Rachel Miller\textsuperscript{*} Commun. Sci. and Disord., Univ. of South Carolina, Columbia, SC; Valeriy Shafiro, Commun. Disord. & Sci., Rush Univ. Medical Ctr., Chicago, IL; Kimberly Smith, Speech Pathol. And Audiol., Univ. of South Alabama, Mobile, AL; Daniel Fogerty, Commun. Sci. and Disord., Univ. of South Carolina, Columbia, SC; USA
Presenting Author

Abstract #29

Title: Variability in Hearing Aid Outcomes in Older Adults: Outcome Measures from a Clinical Trial.
Authors/Affiliations: Melinda C. Anderson\textsuperscript{*}, University of Colorado, Anschutz Medical Campus; Kathryn H. Arehart, University of Colorado at Boulder; Tim School, University College London, UK; Pamela E. Souza, Northwestern University and Knowles Hearing Center, Evanston IL, USA
Presenting Author

3:15 p.m. Break

2:50pm and 3:15pm – Bus Departs Marshall Student Center (bus loading area) for Research Park Galleria

3:30-5p.m. POSTER SESSION- Research Park Galleria

5pm – Buses depart from Embassy Suites (front door) for Starlite Yacht Cruise
9:30pm – Buses depart from Harbor for Embassy Suites

5:00 – 9:30p.m. Group-wide Dinner and Tampa Bay Cruise, Board busses at 5-5:15 pm at Embassy Suites
8:30 a.m. **Dr. Jenny Campos**  
**Title:** Interactions between Hearing Loss and Mobility during Realistic, Everyday Challenges.  
**Affiliations:** Toronto Rehabilitation Institute – University Health Network; University of Toronto - Department of Psychology, Toronto, Ontario, CA

9:10 a.m. **Dr. Valerie Hazan**  
**Title:** How do Aging and Presbycusis Affect The Ability to Communicate Effectively in Challenging Conditions?  
**Authors:** Valerie Hazan, Outi Tuomainen  
**Affiliations:** Department of Speech Hearing and Phonetic Sciences, Univ. College, London, UK

9:50 a.m. **Break**

10:00 a.m. **Dr. Kristin Van Engen**  
**Title:** Age-related Changes in the Time Course of Word Recognition.  
**Affiliations:** Washington University in St. Louis, MO, USA

10:40 a.m. **Dr. Alexander Francis**  
**Title:** Using Psychophysiological Measures to Assess Affective Response to Communication Challenges Across the Lifespan.  
**Affiliations:** Department of Speech, Language and Hearing Sciences Purdue University, W. Lafayette IN, USA

11:20 a.m. **Drs. Ann & David Eddins**  
**Title:** Characterizing Declines in Spatial Hearing with Age Using Behavioral and Neurophysiological Measures.  
**Authors:** Ann Clock Eddins*a,c,* Erol J. Ozmerala,b,c, David A. Eddinsa,b,c  
*Presenting Author  
**Affiliations:**  
- a) Department of Communication Sciences & Disorders  
- b) Department of Chemical and Biomedical Engineering  
- c) Global Center for Hearing and Speech Research  
University of South Florida, Tampa FL, USA

12:00-1:00 p.m. **Lunch – USF Marshall Center (MSC 2708-2709)**

1–3 p.m. **Contributed Oral Presentations – USF Marshall Center**  
**Session Chairs:** Drs. Mary Rudner and Sophia Kramer

1:00 Abstract #30  
**Title:** Evaluating Speech Communication Deficits in Real-World Environments.  
**Authors:** Calli Fodor1,*; Julie I. Cohen2; Douglas S. Brungart2; Sandra Gordon-Salant1  
*Presenting Author  
**Affiliations:**  
1 University of Maryland, College Park MD;  
2 Walter Reed National Military Medical Center, Bethesda MD, USA

1:15 Abstract #10  
**Title:** A Combinatorial Approach Shows Promise for Cisplatin-Induced Ototoxicity Protection.  
**Authors:** Nicole Febles1,*; Bo Ding3; Nathan D. Gallant2; Robert D. Frisina1,3  
*Presenting Author
Abstract #31
Title: Cognitive Persistence Explains Speech Recognition in Noise Variability Across Older Adults.
Authors: Susan Teubner-Rhodes*, Kenneth I. Vaden Jr., Lois J. Matthews, Judy R. Dubno, Mark A. Eckert *Presenting Author
Affiliations:
Global Center for Hearing & Speech Research; Depts. of 1Medical Engineering, 2Mechanical Engineering and 3Communication Sciences & Disorders; University of South Florida, Tampa FL, USA

Abstract #32
Title: Misrecognizing Spoken Words: Adult Aging, and the Locus of the Contextual Bias.
Authors: Alexis R. Johns*, Arthur Wingfield *Presenting Author
Affiliations:
Volen National Center for Complex Systems, Brandeis Univ., Waltham MA, USA

Abstract #40
Title: Statistical Learning for Speech Segmentation: Age-related Changes and Underlying Mechanisms.
Authors: Shekeila D. Palmer*, James Hutson, Sven L. Mattys *Presenting Author
Affiliations:
University of York, United Kingdom

Abstract #44
Title: Age-related Changes in Temporal Resolution Revisited: Findings from Cochlear Implant Users.
Authors: Bruna S. S. Musso1,* & Carolyn J. Brown2 *Presenting Author
Affiliations:
1) Kent State University, Department of Speech Pathology and Audiology, Kent, Ohio, USA
2) University of Iowa, Department of Communication Sciences and Disorders / Department of Otolaryngology – Head and Neck Surgery, Iowa City, Iowa, USA

Abstract #47
Title: Estimates of Auditory Nerve Recovery from Prior Stimulation for Younger and Older Adults.
Authors: Carolyn M. McClaskey*, James W. Dias, Judy R. Dubno, Kelly C. Harris *Presenting Author
Affiliations:
Department of Otolaryngology – Head and Neck Surgery, Medical University of South Carolina, Charleston SC, USA

Abstract #35
Title: Fluid Intelligence and Speech Recognition in Adults with Cochlear Implants.
Authors: Aaron C. Moberly\textsuperscript{1,*}, Jameson K. Mattingly\textsuperscript{1}, Kara J. Vasil\textsuperscript{1}, William G. Kronenberger\textsuperscript{2}, David B. Pisoni\textsuperscript{3}
*Presenting Author
Affiliations:
\textsuperscript{1}The Ohio State University, Department of Otolaryngology, Columbus, OH, USA
\textsuperscript{2}Indiana University School of Medicine, Department of Psychiatry, Indianapolis, IN, USA
\textsuperscript{3}Indiana University, Department of Psychological and Brain Sciences, Bloomington, IN, USA

3:00 Abstract #39
Title: Do Older Individuals Benefit from Dynamic Pitch for Speech Recognition in Speech Maskers?
Authors: Jing Shen\textsuperscript{1,*} & Pamela E. Souza\textsuperscript{1,2}
*Presenting Author
Affiliations:
\textsuperscript{1}Department of Communication Sciences and Disorders
\textsuperscript{2}Knowles Hearing Center
Northwestern University, Evanston IL, USA

3:15 p.m. Break

2:50pm and 3:15pm – Bus Departs Marshall Student Center (bus loading area) for Research Park Galleria

3:30-5:30 p.m. POSTER SESSION- Research Park Galleria

5:30 p.m. – 7:00 p.m.: Meet in Research Park Galleria, then go on Tour of the Global Center for Hearing & Speech Research, or, Tour of USF Communication Sciences and Disorders Department/Clinics

Wednesday, November 8 – Embassy Suites Conference Room

Neural Mechanisms and Brain Plasticity Underlying Age-related Hearing Loss
Session Chairs: Drs. Kelly Tremblay and Greg Recanzone

8:30 a.m. Dr. Thomas Lunner
Title: Speech Perception in Adverse Listening Situations.
Authors: Thomas Lunner\textsuperscript{1,2,4}, Dorothea Wendt\textsuperscript{1,2}, Barbara Ohlenforst\textsuperscript{1,3}
Affiliations:
\textsuperscript{1}Eriksholm Research Centre, Oticon A/S, Denmark;
\textsuperscript{2}Department of Electrical Engineering, Technical University of Denmark, Denmark;
\textsuperscript{3}Section Ear & Hearing, Dept. of Otolaryngology-Head and Neck Surgery, VU University Medical Center and Amsterdam Public Health Research Institute, Amsterdam, The Netherlands
\textsuperscript{4}Linnaeus Centre HEAD, The Swedish Institute for Disability Research, Linköping and Örebro Universities, Sweden

9:15 a.m. Dr. Curtis Billings
Title: Electrophysiological and Behavioral Evidence of Aging and Hearing Loss.
Affiliations:
10:00 – 10:30 a.m.  **Break**

10:30 a.m.  **Dr. Joseph Walton,**  
**Title:** Functional Consequences of a Decline of Inhibition on Central Auditory Processing in the Aged Auditory Midbrain.  
**Authors:** Joseph P. Walton 1,2,3, Owen Brimijoin4, Elliott J. Brecht2, 3  
**Affiliations:**  
1Department of Communication Sciences & Disorders  
2Department of Chemical and Biomedical Engineering  
3Global Center for Hearing and Speech Research  
University of South Florida, Tampa FL, USA  
4Institute of Hearing Research, Univ. of Nottingham, Nottingham, UK

11:00 a.m.  **Dr. Aravindakshan Parthasarathy**  
**Title:** Age-related Changes in Neural Coding Of Envelope Cues: Peripheral Declines and Central Compensation.  
**Authors:** Aravindakshan Parthasarathy1,2, Edward L. Bartlett3, Sharon G. Kujawa1,2  
**Affiliations:**  
1Department of Otolaryngology, Harvard Medical School, Boston MA  
2Eaton-Peabody Laboratories, Mass. Eye and Ear Infirmary, Boston MA  
3Depts of Biology and Biomedical Engineering, Purdue University, West Lafayette IN, USA

11:45 a.m.  **Discussion and Wrap Up**

12 noon  **Meeting Adjourn**