**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

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**Monday, November 6  – USF Marshall Center**

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 -1:00 p.m.  **Lunch-USF Marshall Center**

Noon – 1 International Advisory Board Meeting

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.
**Authors:** Victoria A. Sanchez\textsuperscript{1,2,3,*}, Alice Sharman\textsuperscript{4}, Sornara Thasma\textsuperscript{4}, John Hutchison\textsuperscript{4}, Shakeel R. Saeed\textsuperscript{5}, Charles H. Large\textsuperscript{4}, Peter Harris\textsuperscript{4}  
*Presenting Author

**Affiliations:**
\textsuperscript{1} Auditory Rehabilitation & Clinical Trials Laboratory, University of South Florida, Tampa, FL, USA  
\textsuperscript{2} Global Center for Hearing & Speech Research, University of South Florida, Tampa, FL, USA  
\textsuperscript{3} Dept. Communication Sciences & Disorders, University of South Florida, Tampa, FL, USA  
\textsuperscript{4} Autifony Therapeutics Ltd., London, UK  
\textsuperscript{5} Royal National Throat, Nose and Ear Hospital, UK

**1:15 Abstract #13**

**Title:** Age-related Hearing-Loss Modulates Audio-Visual Speech Processing.  
**Authors:** Stephanie Rosemann\textsuperscript{1,2} Christiane M. Thiel\textsuperscript{1,2,*}  
*Presenting Author

**Affiliations:**
\textsuperscript{1} Biological Psychology, Department of Psychology, European Medical School, Carl-von-Ossietzky Universität Oldenburg, Oldenburg, Germany, \textsuperscript{2} Cluster of Excellence “Hearing4all”, Carl von Ossietzky Universität Oldenburg, Oldenburg, Germany

**1:30 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

**1:45 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

**2:00 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

**2:15 Abstract #22**

**Title:** EEG Study of Effortful Listening.  
**Authors:** David B. Ryan\textsuperscript{1*}, Mark A. Eckert \textsuperscript{2}, Eric W. Sellers\textsuperscript{3}, Kim S. Schairer\textsuperscript{1}, Sherri L. Smith\textsuperscript{1*}  
*Presenting Author

**Affiliations:**
1 Auditory Vestibular Research Enhancement Award Program, VA Medical Center, Mountain Home TN, USA
2 Medical University of South Carolina, Charleston SC, USA
3 East Tennessee State University, Johnson City TN, USA

2:30 Abstract #27
Title: Listeners' Reactions to Older and Younger Talkers' Uh…Disfluencies.
Authors: Raheleh Saryazdia*, Daniel DeSantisb, Craig G. Chambersa, Elizabeth K. Johnsona *Presenting Author
Affiliations:
a) University of Toronto,
b) Alberta Health Services

2:45 Abstract #25
Title: Recognition of Text and Speech Interrupted at Variable Rates By Younger and Older Adults.
Authors/Affiliations: Rachel Miller* 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

3:00 Abstract #29
Title: Variability in Hearing Aid Outcomes in Older Adults: Outcome Measures from a Clinical Trial.
Authors/Affiliations: Melinda C. Anderson*, 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

Tuesday, November 7 - USF Marshall Center

Age-related Declines in Sensory Function and Speech Processing
Session Chairs: Drs. Karen Helfer and Erick Gallun

7:45am and 8:15am – Bus Departs Embassy Suites (front door) for Marshall Student Center
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, Erol J. Ozmerali, David A. Eddins  
*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

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 Fodor, Julie I. Cohen, Douglas S. Brungart, Sandra Gordon-Salant  
*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 Febles, Bo Ding, Nathan D. Gallant, Robert D. Frisina  
*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

1:30 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:
Department of Otolaryngology-Head and Neck Surgery, Medical University of South Carolina, Charleston SC, USA

1:45 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

2:00 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

2:15 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

2:30 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

2:45 Abstract #35
Title: Fluid Intelligence and Speech Recognition in Adults with Cochlear Implants.
**Authors:** Aaron C. Moberly¹*, Jameson K. Mattingly¹, Kara J. Vasil¹, William G. Kronenberger², David B. Pisoni³
*Presenting Author

**Affiliations:**
¹The Ohio State University, Department of Otolaryngology, Columbus, OH, USA
²Indiana University School of Medicine, Department of Psychiatry, Indianapolis, IN, USA
³Indiana 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 Shen¹* & Pamela E. Souza¹,²
*Presenting Author

**Affiliations:**
¹Department of Communication Sciences and Disorders
²Knowles 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 Lunner¹,²,⁴, Dorothea Wendt¹,², Barbara Ohlenforst¹,³

**Affiliations:**
¹Eriksholm Research Centre, Oticon A/S, Denmark;
²Department of Electrical Engineering, Technical University of Denmark, Denmark;
³Section Ear & Hearing, Dept. of Otolaryngology-Head and Neck Surgery, VU University Medical Center and Amsterdam Public Health Research Institute, Amsterdam, The Netherlands
⁴Linnaeus 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 Brimijoin\(^4\), Elliott J. Brecht\(^2\)\(^3\)  
**Affiliations:**  
\(^1\)Department of Communication Sciences & Disorders  
\(^2\)Department of Chemical and Biomedical Engineering  
\(^3\)Global Center for Hearing and Speech Research  
University of South Florida, Tampa FL, USA  
\(^4\)Institute 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 Parthasarathy\(^1\)\(^2\), Edward L. Bartlett\(^3\), Sharon G. Kujawa\(^1\)\(^2\)  
**Affiliations:**  
\(^1\)Department of Otolaryngology, Harvard Medical School, Boston MA  
\(^2\)Eaton-Peabody Laboratories, Mass. Eye and Ear Infirmary, Boston MA  
\(^3\)Depts of Biology and Biomedical Engineering, Purdue University, West Lafayette IN, USA

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

12 noon  **Meeting Adjourn**