



# MID-SOUTH CONFERENCE ON COMMUNICATIVE DISORDERS

The Mid-South Conference is presented each year by the Memphis State University Chapter of the National Student Speech-Language-Hearing Association (NSSLHA). The conference is designed to provide students and professionals with educational experience involving current research, theories, and clinical techniques in speech-language pathology and audiology. The focus of this year's conference is on the interdisciplinary approach to comprehensive evaluation and management of a variety of communication disorders involving all populations. We hope that participants will find "A World of Ideas" in Memphis and that the professional caliber of this conference is in keeping with the standard of excellence established by previous Mid-South Conferences.

We invite all conference participants to visit the **Exhibitors and Recruiters** present throughout the conference in the Foyer. In addition, conference participants are invited to tour the Department of Audiology and Speech Pathology at the Memphis Speech and Hearing Center, which has been designated as an Accomplished Center of Excellence by the state of Tennessee. The tours will be available on Friday at 10:00 a.m., 2:15 p.m., and 4:00 p.m. and on Saturday at 10:30 a.m. and 12:30 p.m. Sign up lists will be at the registration desk. Transportation will be provided.

Christy Goff and Patti Hammond  
1994 Program Coordinators

## KEYNOTE LUNCHEON

Tom Ritter is presenting this year's Keynote Address entitled, *Growing Up Different: Changing the Attitudes of Disability*. Mr. Ritter has followed the footsteps of his father, Tex Ritter, and brother, John Ritter in the entertainment industry. He is a television producer/actor with a law degree from Vanderbilt University. However, because of his cerebral palsy, he has also been actively involved in supporting the rights of those with disabilities. He believes "Disability issues will be the minority rights issues of the 1990's." He is currently serving as President of the Los Angeles City Commission on Disability and is Board Chairperson of the Corporation on Disabilities in Telecommunication. He has also produced several TV programs advocating the rights of the disabled, including "Stand Up Comics Take A Stand" comedy competition to benefit United Cerebral Palsy.

## FEATURE PRESENTATION

### *Challenges to Rehabilitation of Communication, Oropharyngeal Functioning, and Cognitive Abilities in Children and Adolescents with Cancer of the Head-Neck and Central Nervous System*

Joel Kahane, Ph.D., Memphis State University, Neal Beckford, M.D., University of Tennessee - Memphis, Edward Kovnar, M.D., Medical College of Wisconsin, Lola Cremer, P.T., James Fontanesi, M.D., and Ray Mulburn, Ph.D., St. Jude Children's Research Hospital, will comprise this panel of experts. Children and adolescents with cancer, particularly involving the brain and the head-neck regions, develop a multitude of problems which affect speech, voice and language, hearing, and oropharyngeal functioning. Each of these professionals is actively involved in the multidisciplinary diagnosis and treatment of children with cancer. They will discuss the medical, surgical, and rehabilitation issues involved in treating this clinical population. Specific attention will be given to problems affecting communication, growth and development, and psychosocial maturation.

## WORKSHOPS

Jon Gehlen, an Operations Manager, and Mark King, a Service Manager, for Siemens Hearing Instruments will present two workshops entitled *In-Office Hearing Aid Modifications: Hands-On Training*. Workshop #1 will be presented at the intermediate level and Workshop #2 will be presented at the advanced level. The objective of these courses is to provide the participant with hands-on exposure to basic ITE repairs that can be handled in a typical dispensing office. Enrollment is limited to 30. Pre-registration is suggested.

Louis Rossetti, Ph.D. currently serves as the Coordinator and Professor in the Department of the Communicative Disorders at the University of Wisconsin - Oshkosh and is the author of the Rossetti Infant-Toddler Language Scale. His workshop is entitled

***Neurodevelopmental Assessment of Infants and Toddlers.*** Topics to be discussed include the status of infant-toddler assessment, recipients of assessment activity, general and specific assessment considerations, choosing assessment instruments, developmental domains to be assessed, and the correct interpretation and reporting of assessment results. The session is highly clinical in nature. Common problems faced by the assessor will be discussed with participant involvement encouraged.

#### **SHORT COURSE PRESENTERS**

**Ruth Bentler, Ph.D.**, is an Assistant Professor of Audiology in the Department of Speech Pathology and Audiology at the University of Iowa in Iowa City, Iowa.

**Erin Bigler, Ph.D.**, is a Professor of Psychology and Clinical Neuropsychologist in the Department of Psychology at Brigham Young University in Provo, Utah.

**Judith Trost-Cardamone, Ph.D.**, is a Professor and Craniofacial Speech Pathologist in the Department of Communicative Disorders at California State University, Northridge, California and is currently on professional leave.

**Jack Damico, Ph.D.**, is the Doris B. Hawthorne Professor of Special Education and Communicative Disorders at the University of Southwestern Louisiana in Lafayette, Louisiana.

**Pearl Gordon, Ph.D.**, is an Associate Professor in the Department of Audiology and Speech Pathology at the University of Tennessee, Knoxville, Tennessee.

**Greta Gourley, M.S.N., Ph.D., Pharm.D.**, is a Geriatric Pharmacy Resident in the Department of Pharmacy at the Veterans Administration Medical Center, Memphis, Tennessee.

**Frank Masur, Ph.D.**, is a Clinical and Health Psychologist in private practice with the Health Psychology Associates of Memphis, Tennessee.

**Thomas Murry, Ph.D.**, is a Professor at the University of Tennessee Center for Health Sciences, College of Medicine, Department of Otolaryngology - Head and Neck Surgery in Memphis, Tennessee.

**Roger Ruth, Ph.D.**, is a Professor and Director in the Division of Communication Disorders at the University of Virginia Health Sciences Center in Charlottesville, Virginia.

**Anthony Salvatore, Ph.D.**, is a Professor and Director of Jersig Communication Disorders Department at Our Lady of the Lake University in San Antonio, Texas. He is also a Clinical Professor at the University of Texas Health Science Center.

**Richard Seewald, Ph.D.**, is an Associate Professor in the Hearing Health Care Research Unit in the Department of Communicative Disorders at the University of Western Ontario in London, Ontario, Canada.

**Richard Tyler, Ph.D.**, is a Professor and Director in the Department of Otolaryngology-Head and Neck Surgery and Department of Speech Pathology and Audiology at the University of Iowa in Iowa City, Iowa.

## **THURSDAY**

**1:00 - 4:30 REGISTRATION - Foyer**

**2:00 - 5:00 FEATURE PRESENTATION**

***Challenges to Rehabilitation of Communication, Oropharyngeal Functioning, and Cognitive Abilities in Children and Adolescents with Cancer of the Head-Neck and Central Nervous System***

Joel C. Kahane - Moderator

N.S. Beckford, E. Kovnar, L. Cremer, J. Fontanesi, and R. Mulburn

.3 CEUs (I) Salon H

3:00 - 5:00 WORKSHOP #1

***In-Office Hearing Aid Modifications: Hands-On Training (Intermediate Level)***

John Gehlen and Mark King

.2 CEUs 2 NIHIS CEUs Conway and Sevier

**FRIDAY**

7:30 - 4:00 REGISTRATION - Foyer

Coffee and Doughnuts

7:30 - 9:30

background of noise. The effectiveness of those circuits and other noise-reduction options will be discussed. .2 CEUs 2 NIHIS CEUs (I) Salon G

8:00 - 12:00 WORKSHOP #2

***Neurodevelopmental Assessment of Infants and Toddlers***

Louis Rossetti

.4 CEUs (I - A) Salons A, B, and C

8:30 - 9:55 MINISEMINAR #2

***An Introduction to the Clinical Voice Laboratory***

Gary LaBlance, Ann-Marie Sullivan, Sally Shubat, and Michael D. Maves, St. Louis University

8:00 - 9:55 SHORT COURSE #1

***Neuropsychology and Neuroimaging of Traumatic Brain Injury and Alzheimer's Disease***

Erin Bigler

Specific assessment parameters will be presented as well as their significance for various patient populations with voice disorders. Emphasis will be placed on equipment selection for specific populations, interpretation and integration of clinical data, CPT coding, and reimbursement. .15 CEUs (I) Salon F

This presentation will review the current neuropsychological assessment techniques along with neuroimaging features in traumatic brain injury and Alzheimer's Disease. These two common disorders

affect a variety of cognitive functions. The assessment of these deficits will be emphasized using an integrated approach between neuropsychological assessment and neuroimaging. .2 CEUs (I) Salon H

8:30 - 10:00 McNair POSTER SESSIONS

***Intervention Strategies for Preschool Kids Who Stutter***

Alicia Bartusch, Alice Burrows, Jan Covington

Memphis State University

***Story Grammar Knowledge Enhances LLD Students' Written and Oral Language***

Jan Covington, Alicia Bartusch, Alice Burrows

Memphis State University

***Communicative Aspects of Social Skills Development***

Terry Douglas, Joyce Harris, Karen Pollack

Memphis State University

***Transcribing Children's Language in Real-Time***

Irene Membrino, Susan May, Vanderbilt University

Thomas Klee, University of Wyoming

8:00 - 9:55 MINISEMINAR #1

***Shifting the Paradigm: Support Personnel***

Ann Horton, National HealthCorp L.P.

With the projected changes in health care, we as a profession must begin to consider alternate service delivery models. This course will explore the current paradigms as well as new options for service delivery. .2 CEUs (I) Salons D and E

8:00 - 9:55 SHORT COURSE #2

***Noise-Suppression Options in Hearing Aids***

Ruth A. Bentler

A major complaint of hearing aid users is their inability to understand speech in a background of noise. A number of circuits have been touted as aiding speech recognition in a

10:05 - 12:00 MINISEMINAR #3

***Understanding Laryngeal Pathology: A Basis for Diagnostic and Treatment Decision Making***

Joel Kahane, Memphis State University,

Neal Beckford, University of Tennessee

This seminar will discuss the biological mechanisms of laryngeal pathology and relate how they disrupt voice production and dictate the format of diagnostic evaluation and treatment. Slides and video tapes of fiberoptic endoscopy and stroboscopy will be used to illustrate the many forms of dysphonia.

.2 CEUs (I) Salons D and E

10:05 - 12:00                    **WORKSHOP #3**  
***In-Office Hearing Aid Modifications: Hands-On Training (Advanced Level)***

John Gehlen and Mark King

.2 CEUs 2 NIHIS CEUs Conway and Sevier

10:05 - 11:30                    **MINISEMINAR #4**  
***Children with Hearing Impairments within an Early Intervention Setting: A Continuum of Services***

Denise Taylor and Irene Membrino,

Bill Wilkerson Center

This presentation will provide the audience with a description of a comprehensive program for young children with hearing impairments. Parent-infant training, individual therapy and group instruction approaches utilized in the Early Intervention Program of the Bill Wilkerson Center will be discussed.

.15 CEUs (I) Salon F

10:30 - 12:00 McNair                    **POSTER SESSIONS**  
***Training Phonetic Transcription and Identification of Phonological Processes***, Lorraine Adcox, Ingrid Schoenberg

Memphis State University

***Loudness Contour Test Normative Data***

Robyn Cox, Christy Goff, Sara Martin, Lori McLoud

Memphis State University

***Paradoxical Vocal Fold Movement Treated with Botox: Three Case Reports***, Gary LaBlance, Ann-Marie Sullivan, Michael Maves

Saint Louis University

***Effects of Training on the Intelligibility of Synthetic Speech***

Karen Pollock, Terry Douglas

Memphis State University

***A Tool for Supervisors: Evaluation of Treatment Session***

Daphne Washington, Lois Balloun, Rhonda Miller

Northeast Louisiana University

12:10 - 2:00                    **KEYNOTE LUNCHEON**  
***Growing Up Different: Changing Attitudes About Disability***                    Tom Ritter

.05 CEUs Salons G and H

2:00 - 3:55                    **SHORT COURSE #3**  
***Application of Objective Measures for the Treatment of Voice Disorders***

Thomas Murry

This short course will focus on diagnosis and treatment of organic voice disorders, with special emphasis on vocal nodules, vocal fold paralysis, and spasmodic dysphonia. Therapy methods based on research outcomes will demonstrate the need for symptomatic voice therapy for organically based voice disorders. Video examples, both pre- and post-treatment, will highlight this presentation. .2 CEUs(I) Salons A and B

2:00 - 3:55                    **SHORT COURSE #4**  
***Computer-Assisted Approach to Hearing Aid Selection and Fitting in Children***

Richard C. Seewald

This short course will provide participants with an overview of a computer-assisted implementation of the Desired Sensation Level (DSL) Method for hearing aid selection and fitting in children. Emphasis will be given to factors that were considered in developing this method that are uniquely associated with the provision of amplification in children.

.2 CEUs 2 NIHIS CEUs (I) Conway and Sevier

2:00 - 3:55                    **SHORT COURSE #5**  
***Early Identification of Stuttering in Young Children***

Pearl Gordon

Differential assessment strategies for identifying stuttering in young children will be the focus of this presentation. Clinical strategies will be discussed in view of current research regarding the onset and development of stuttering in young children.

.2 CEUs (I) Salons D and E

2:30 - 3:55                    **MINISEMINAR #5**  
***Speech Pathology, Volunteers, Aphasic Patients: The Continuum of Care***

Mary Beth Clark and Thomas Hintgen

Hospital

Sacred Heart

The process of volunteer involvement in a rural community program for people with aphasia, and the outcome of this service will be described. Features of language, communicative interaction, and patient/spouse perceptions will be reviewed. .15

CEUs (I) Salon F

**2:30 - 3:55**                      **MINISEMINAR #6**  
***Navy Audiology: Be More Than You Can Be***  
Keith S. Wolgemuth, Memphis State University

This miniseminar will present information pertaining to obtaining a Commission as a Naval Officer within the field of audiology, and will provide a detailed description of the varied audiological and military duties involved with such a position. Data from a descriptive study of the Navy's Hearing Conservation Program among the Atlantic Fleet will also be included.

.15 CEUs (I) Salon C

**2:10 - 3:40 McNair**            **TECHNICAL SESSIONS**

***Phonological Treatment: Phoneme-Grapheme Association within a Storybook Context***, Kay Garrard  
Middle Tennessee State University

***Voice Characteristics Following Thyroplasty: A Three-Year Follow Up***, Gary LaBlance, Ann-Marie Sullivan, Michael Maves  
St. Louis University

***Patient/Significant Others Perceptions of Treatment Outcome Using a Visual Analog Scale***, Frank Piccolo  
Schumpert Medical Center

***Distortion-Product Otoacoustic Emissions in Hearing-Impaired Individuals***, Rafael E. Quinonez and Margie R. Crawford  
University of Iowa

**4:05 - 5:30**                      **SHORT COURSE #6**  
***A "REALISTIC" Approach to Anxiety Disorders***  
Frank Masur

Anxiety disorders are often observed in populations with speech-language and hearing disorders. This presentation will provide a description of the signs of these disorders, an explanation of psychopharmacologic intervention, identification of appropriate behavioral and psychological approaches, and utilization of intervention and referral as management techniques.

.15 CEUs (I) Salon H

*Sponsored by UpJohn*

***Human Factors Issues in AAC: Does the Machine Fit the Person?***

Cheryl Goodenough-Trepagnier,  
Memphis State University

Augmentative communication devices are tools for social interaction. Diversion of users' attention toward the device reduces mental resources for accomplishing their real objectives. Emphasis will be placed on human factors principles and assessing the impact of design choices on effectiveness of communication.

.15 CEUs (I) Salons D and E

**4:05 - 5:30**                      **MINISEMINAR #7**

4:05 - 5:30            **MINISEMINAR #9**  
*Embryologic Development of the Human Ear and Fetal Hearing*  
Lisa Satterfield, University of Southern Mississippi

This presentation will describe basic development of the fetus, from fertilization and implantation to the development of the ear. A brief review of anatomy and congenital malformations will be included. Finally, prenatal hearing tests will be discussed, with data supporting its use for neurological well-being assessment of the fetus. .15 CEUs 1.5 NIHIS CEUs (I) Salon F

4:05 - 5:30            **MINISEMINAR #8**  
*"Look at Me When I Speak to You": Communicating in a Multicultural World*  
Judy A. Fellows, Memphis State University

Communication styles often differ between multicultural groups. Knowledge of these differences can have an impact on learning. Comparisons of cultural beliefs, values, and practices between European-Americans, African-Americans, Asian-Americans, Native Americans, Latinos, and Middle Easterners will be made. .15 CEUs (I) Salon C

4:00 - 5:00 McNair      **VIDEO PRESENTATIONS**

*"Moms Can Make It Work" Moving from Early Intervention One-on-One to Group Interaction*, Sandra Lanz-Slater  
LeFlore County Guidance Center

*Straight from the Horses' Mouth: Communicating Effectively with TBI Survivors*, Mary J. Lewis  
Timber-Ridge Ranch Neuro-Rehabilitation

5:30 - 7:00 **CONFERENCE RECEPTION**

All participants welcome! Salon G  
Silent auction winners will posted.

## SATURDAY

7:30 - 9:00 **REGISTRATION - Foyer**

7:30 - 9:30 **Coffee and Doughnuts**

8:00 - 9:55            **SHORT COURSE #7**  
*Assessing and Treating Craniofacial Speech Disorders*  
Judith E. Trost-Cardamone

This short course will teach participants special diagnostic and treatment approaches necessary for the clinical speech management of cleft lip and palate and related velopharyngeal (VP) function disorders. The 1993 document, "Parameters for the Evaluation and Treatment of Craniofacial Anomalies," developed by the ACPA, also will be introduced. .2 CEUs (A) Salons D and E

8:00 - 9:55            **SHORT COURSE #8**  
*Multicultural Considerations in Diagnosis and Treatment of Aphasic Individuals*  
Anthony P. Salvatore

The presentation will review current issues in diagnosing and treating culturally and linguistically diverse aphasic individuals. Several hypothetically "universal" diagnostic and treatment goals

are proposed and discussed. Finally, clinical research questions are proposed to address some of the issues raised. .2 CEUs (I) Salon G

8:00 - 9:55            **MINISEMINAR #10**  
*Elective Mutism: Identification and Basic Management Strategies*  
Robert C. Thompson, Northeastern State University

A small percentage of children remain silent at school regardless of attempts by adults to get them to speak. This course will clarify when these children can be classified as presenting Elective Mutism, detail other problems they often demonstrate, and suggest basic management strategies. .2 CEUs (I) Salon F

8:00 - 9:55            **SHORT COURSE #9**  
*Current and Future Directions of the Cochlear Implant*  
Richard S. Tyler

This presentation will review the rationale and development of processing strategies for cochlear implants. It will clearly define selection criteria for adults and children. Recent results with the Nucleus, Symbion, and Clarion cochlear implants will also be

described. Special attention will be given to the testing of young children, and the concerns of the Deaf Culture about cochlear implants.

.2 CEUs 2 NIHIS CEUs (A) Salons A and B

**8:30 - 9:55**                    **MINISEMINAR # 11**  
***Collaborative Service Model with Multicultural Students***

Marion Hammett, Memphis State University

A model will be provided for collaborative teaching in an inner city self-contained classroom. The speech-language pathologist and special education classroom teacher collaborated in the provision of services to students who were severely language-learning disabled, educable mentally retarded, and/or emotionally disturbed and contained in one classroom. Intervention techniques will be demonstrated.

.15 CEUs (I) Salon H

**8:30 - 9:55**                    **MINISEMINAR #12**  
***Implementing a Passy-Muir Tracheostomy Speaking Valve Protocol at Your Institution***

Susan Jenkins, Karen Hudson, Julie Sellers, Greg Foust, Cindy Godley, Baptist Memorial Hospital-East

The Passy-Muir Tracheostomy Speaking Valve provides the opportunity for many tracheostomized and ventilator-dependent patients to use their vocal folds for voicing. This presentation will focus on implementing a protocol for using this valve, addressing: screening criteria, infection control, team evaluation, and education of staff and family. .15 CEUs (I) Salon C

**10:05 - 12:00**                **SHORT COURSE #10**  
***Social Skills, Conversation, and Adolescents***

Jack S. Damico

This presentation focuses on the importance of social skills and conversation in adolescents and the role that SLPs should play in developing these skills in communicatively impaired individuals. A number of powerful techniques and procedures that may be used in clinical settings for assessment and remediation will be discussed. .2 CEUs (I) Salon H

**10:05 - 12:00**                **SHORT COURSE #11**  
***Effect of Pharmacotherapy on Audiology and Speech Pathology***

Greta A. Gourley

This presentation will focus on the ototoxicity of specific

medications and drugs related to audiology and speech pathology. This will include risk factors, signs and symptoms, and interventions to prevent ototoxicity. Specific drugs and medications which can cause changes in speech will also be discussed.

.2 CEUs (I) Salon G

10:05 - 12:00            **SHORT COURSE #12**  
***Electrocochleography: the Test, the Myth, the Legend***  
**Roger Ruth**

12:00 - 1:30 **ALUMNI GATHERING**

There are several areas in which ECoChG may be of considerable clinical value to the audiologist. This presentation will provide participants with an update on the current clinical uses of ECoChG and the methods available by which these particular auditory responses may be acquired.  
.2 CEUs 2 NIHIS CEUs (A) Salons D and E

10:05 - 11:30            **MINISEMINAR #13**  
***Using Sign Language to Facilitate Communication***  
**Denice J. Perkins,**  
Boling Center for Developmental Disabilities

A non-verbal child with hearing may be able to alleviate frustration and to functionally communicate through signing. This presentation includes actual video of two children with Down Syndrome using sign language. Emphasis will be placed on the importance of total communication when trying to improve the quality of life for a child with a developmental disability.  
.15 CEUs (I) Salon F

10:05 - 11:30            **MINISEMINAR #14**  
***Training Executive Functions and Prospective Memory Skills in a Community-Based Brain Injury Rehabilitation Program***  
**Susan Turner-Hill and Colleen Freyermuth,** Independence Training Center

Given the vulnerability of the frontal and temporal lobes, memory functions and executive functions are often impaired in patients with brain injuries. This presentation will outline specific therapeutic strategies utilized by a speech pathologist and an occupational therapist, serving as a rehabilitation team in a community-based treatment program.  
.15 CEUs (I) Salons A and B

10:05 - 11:30            **MINISEMINAR #15**  
***Developing Interdisciplinary Service Delivery in a Hospital Setting***  
**Teresa McNab and Judy Schneck,**  
Sacred Heart Hospital

Members of a CARF accredited rehabilitation team will outline the development of an interdisciplinary service delivery approach. A functional patient-centered concept will be presented. In addition, team building techniques and common language implementation among members will be addressed.  
.15 CEUs (I) Salon C

## Level of Difficulty Key: Intermediate (I) - Advanced (A)

\* Special thanks to George Charpied for designing the front cover and to Ed Brainerd for his extensive computer support.

### HOTEL

The Mid-South Conference has been scheduled at the Memphis Marriott, which is located in East Memphis at Interstate 240 and Perkins. The hotel offers many specialized services and luxurious accommodations including an exercise room, an indoor pool, and the popular night club, Coco Loco.

Individuals should call the Marriott direct for reservations at 1-800-627-3587. In order to receive the special group rate (\$81/night), you must indicate that you are attending the Mid-South Conference. All requests should be made no later than February 16, 1994. Reservation requests after this date are subject to availability, and rates higher than the group rate may apply.



### CONTINUING EDUCATION



An annual CE Registry fee is required to register for ASHA CEUs. CE Registry fees are paid by the participant directly to the ASHA National Office. The annual CE Registry fee (\$15 for ASHA/NSSLHA members; \$25 for nonmembers) allows registration of an unlimited number of ASHA CEUs for the calendar year. Contact the ASHA CEU Division (301) 897-5700 for CEU fee subscription information.

Memphis State University is approved by the Continuing Education Board of the American Speech-Language-Hearing Association to sponsor continuing education activities in speech-language pathology and audiology. This conference offers variable continuing education credit with a maximum of 1.5 ASHA CEUs available in partial fulfillment of the requirements for the Award for Continuing Education. Content area for the entire conference is professionally based. All ASHA CEUs are subject to approval by the American Speech-Language-Hearing Association.

NIHIS CEUs are subject to approval by the National Institute for Hearing Instruments Studies. A maximum of 13.5 NIHIS CEUs are available.

**Nonprofit Organization**  
**U.S. Postage**  
**PAID**  
**Memphis, TN**  
**Permit No. 207**

Memphis Speech and Hearing Center  
807 Jefferson Avenue  
Memphis, TN 38103

