**Kim S. Schairer**

**Mountain Home VA Health Care System**

**Audiology (126), Room L068**

**Mountain Home, TN 37684**

**423-926-1171 Ext 7138**

**SPECIALTY FIELD:** Audiology

**EDUCATION:**

|  |  |  |
| --- | --- | --- |
| Post-Doctoral  | Boys Town National Research Hospital | 6/2000 – 6/2003 |
| Ph.D.  | The University of Memphis Dissertation: "Mismatch Negativity: Source Generators and Effects of the Multiple Deviant Condition" directed by Herbert Jay Gould, Ph.D. (Published) | 8/2000 |
| M.A.  | The University of Memphis Thesis: "Evoked Difference Wave to a Roving Deviant Stimulus" directed by Herbert Jay Gould, Ph.D. (Presented at IERASG, 1997) | 5/1996 |
| B.S. | Western Michigan University Honors Thesis: "Written vs. Oral Communication in Adolescents with Autism" directed by Nickola Wolf Nelson, Ph.D. (Published) | 4/1994 |

**RELATED PROFESSIONAL EXPERIENCE:**

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| --- | --- | --- |
| Associate Professor | East Tennessee State University | 1/2012 -  |
| Audiologist, Education Coordinator for Audiology | James H. Quillen VA Medical Center | 12/2011 –  |
| Visiting Erskine Fellowship | University of Canterbury | 7/2011 – 10/2011 |
| Assistant Professor | Department of Communicative Disorders, University of Wisconsin | 8/2005 – 5/2011 |
| Adjunct Assistant Professor | Department of Special Education and Communication Disorders at the University of Nebraska – Lincoln | 9/2003 – 7/2005 |
| Research Associate | Boys Town National Research Hospital | 7/2003 – 7/2005 |
| Graduate Research Assistant | The University of Memphis Auditory Electrophysiology Laboratory | 8/1996 – 6/2000 |
| Neonatal Hearing Screenings | Methodist Hospitals | 7/1998 – 4/2000 |
| Graduate Student Clinical Supervisor-Audiology | Memphis Speech and Hearing Center  | 5/1998 – 5/1999 |
| Clinical Fellow-Audiology | The University of Memphis | 8/1996 – 2/1998 |
| Graduate Trainee | University of Tennessee Boling Center for Developmental Disabilities | 5/1995 – 5/1996 |
| Graduate Assistant | The University of Memphis | 8/1994 – 5/1996 |

**LICENSURE AND CERTIFICATION:**

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| --- | --- |
| North Carolina State Licensure to practice Audiology | 10/2010 - present |
| Wisconsin State Licensure to practice Audiology | 11/2005 (Retired 2013) |
| Tennessee State Licensure to practice Audiology | 3/1998 (Retired 7/2000); 1/2011 (Retired 5/2011) |
| Certificate of Clinical Competence granted by American Speech-Language-Hearing Association | 2/1998 |

**MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS:**

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| Wisconsin Speech-Language and Hearing Association | 2008 - 2011 |
| American Auditory Society | 2004 - present |
| Acoustical Society of America | 2003 - present |
| Association for Research in Otolaryngology | 2001 - present |
| International Evoked Response Audiometry Study Group | 1999 - 2003 |
| American Speech-Language-Hearing Association | 1996 – present |
| National Student Speech-Language-Hearing Association | 1995-1996 |

**GRANT ACTIVITY:**

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| --- | --- | --- | --- |
| Principal Investigator | VA RR&D Merit Review | “Comprehensive wide bandwidth test battery of auditory function in Veterans”  | Funded |
| Principal Investigator | VA RR&D Career Development II | “Identification and sources of response variability in aging listeners” | Not Funded |
| Consultant | CDC/NIOSH | “Determination of the variability of 8 kHz as an audiometric test frequency (research contract),” Principal Investigator Gregory A. Flamme, Department of Speech Pathology and Audiology,Western Michigan University | 2009 |
| Principal Investigator | NIDCD K23 1 K23 DC010835-01 | “Effects of mild traumaticbrain injury on the auditory system” | Not funded |
| Co-administrator | ILME | Diagnostic, alerting, and assistive listening devices and remodel of rooms 102 and 173 | 7/2008 |
| Primary | DoIT Podcasting Plus Award | “Methods of assessment in pediatric audiology” | 12/2006 |
| Principal Investigator | NIDCD R031 R03 DC006342-01, | “SFOAE variability and intensity discrimination” | 8/2003 |
| Participant | NIH Clinical Research Loan Repayment Program | N/A | 9/2003 |

**SUPPORT:**

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| --- | --- | --- | --- |
| Funding for subject payment for dissertation | The University of Memphis | $800 | 1999 |
| Summer Institute in Japan | National Science Foundation | Approximately $4253, round-trip airfare, and housing  | 6/1999 – 8/1999 |
| Travel Award for Annual Convention of the American Academy of Audiology | The University of Memphis Student Government Association | $663 | 4/1999 |

**PROFESSIONAL OFFICES AND ACTIVITIES:**

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| Ad Hoc Reviewer | Poster abstract for 2016 Joint Defense Veterans Audiology Conference | 2015 |
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| Ad Hoc Teleconference Reviewer  | DMRDP  | April 2013 |
| Ad Hoc Reviewer | EPJ Nonlinear Biomedical Physics | 2013 |
| Invited participant | Eriksholm Workshop: Wideband Absorbance Measures of the Middle Ear | November 5- 7, 2012 |
| Review panel member | ASHA 2012 Leadership Development Program in Audiology selection | April 2012 |
| Grant review panel member | Veterans Administration, Rehabilitation Research and Development, Sensory Systems/Communication  | March 2012, August 2012 |
| Vice-Chair, Research and Development CommitteePrincipal Investigator, Research and Development Committee | Mountain Home VA Health Care SystemJames H. Quillen VAMC | 2015 - 2012-2014 |
| Ad Hoc Reviewer | American Journal of Audiology | 2010 |
| Ad Hoc Reviewer | Journal of the American Academy of Audiology | 2009-2010, 2013, 2015 |
| Ad Hoc Reviewer | Audiology and Neurotology | 2009 |
| Chair | Pandemic Planning Committee, UW-Madison, Department of Communicative Disorders | 9/2009 – 2011 |
| Committee Member | Officer Education Committee, UW-Madison | 8/2008 – 2011 |
| Committee Member | Program Evaluation Committee (SOG, Department of Communicative Disorders, UW) | 8/2007 – 2009 |
| Audiology Coordinating Committee Coordinator | ASHA Audiology special interest divisions (6, 7, 8, 9) | 1/2008 – 12/2009 |
| Committee Member | Faculty Search Committee | Fall 2006 – Spring 2007 |
| Board of Division Coordinators | ASHA (by default due to SC Coordinator position) | 1/2007 – 12/2009 |
| Steering Committee Coordinator | ASHA Special Interest Division 6 | 1/2007 – 12/2009 |
| Committee Member | P&P Technical Committee, Acoustical Society of America | 5/2008 – 5/2010 |
| Committee Member | Policies and Procedures, University of Wisconsin, Department of Communicative Disorders | 8/2005 – 8/2007 |
| Steering Committee Member | ASHA Special Interest Division 6 | 8/2004 – 12/2006 |
| Institutional Review Board Member | Boys Town National Research Hospital | 5/2003 – 8/2005 |
| Ad Hoc Reviewer | International Journal of Audiology | 2008, 2011 |
| Ad Hoc Reviewer | Hearing Research | 2006 |
| Ad Hoc Reviewer | Journal of the AcousticalSociety of America | 2005 - 2009 |
| Ad Hoc Reviewer | Ear and Hearing | 2003, 2005 -2007, 2009-2010, 2012-2014 |
| Co-Coordinator | Mid-South Conference on Communicative Disorders | 4/1995 – 3/1996 |

**AWARDS:**

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| --- | --- | --- |
| Award for Continuing Education (ACE) | American Speech-Language-Hearing Association | 2014 - 2017 |
| Outstanding Alumnus Award | The University of Memphis | 2/2011 |
| Award for Continuing Education (ACE) | American Speech-Language-Hearing Association | 12/2008 – 12/2011 |
| Award for Continuing Education (ACE) | American Speech-Language-Hearing Association | 2/2007 – 2/2010 |
| Award for Continuing Education (ACE) | American Speech-Language-Hearing Association | 1/2001 – 1/2004 |
| Honor Member | National Student Speech-Language and Hearing Association | 1996 |
| Phi Kappa Phi | The University of Memphis | 3/1996 |
| Presidential Scholar | Speech-Language Pathology and Audiology Department, Western Michigan University | 1994 |
| Mortar Board Senior Honor Society | Western Michigan University | 1993-1994 |

**TEACHING:**

**East Tennessee State University**

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| --- | --- |
| Pediatric Audiology CDIS 6180 | Fall 2014 |
| Pediatric Audiology CDIS 6180 | Fall 2013 (half semester) |

**Invited Lecture for Arizona School of Health Sciences (A. T. Still Univeristy) Transitional Doctor of Audiology Degree Program - Distance Education**

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| “Wideband acoustic transfer functions in children and adults” | Guest lecture for AUD 736 Immittance | 7/27/2015 |
| “Wideband acoustic transfer functions in children and adults” | Guest lecture for AUD 736 Immittance | 4/28/14 |
| “Wideband acoustic transfer functions in children and adults” | Guest lecture for AUD 736 Immittance | 4/23/13 |
| “Wideband acoustic transfer functions in children and adults” | Guest lecture for AUD 736 Immittance | 9/26/12 |
| “Wideband acoustic transfer functions in children and adults” | Guest lecture for AUD 736 Immittance | 1/10/12 |

**University of Canterbury**

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| Cochlear Implants (CMDS 637) | Semester 2 (July – October, 2011) |
| Clinical Supervisor in Audiology | Semester 2 (July – October, 2011) |

**University of Wisconsin – Madison**

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| --- | --- |
| Directed Study (CD 699) | Fall 2009 |
| Independent Study (CD 999) | Spring 2009, 2010, 2011; Summer 2010; Fall 2011 |
| Hearing Assessment (CD 852) | Fall 2005-10 |
| Hearing Assessment Laboratory (CD 853) | Fall 2006-10 |
| Pediatric Audiology (CD 832) | Fall 2005-2006, Spring 2008-11 |
| Implantable Auditory Prostheses (CD 863) | Spring 2006-2007, Fall 2010 |
| Capstone Study in Audiology (CD 899) | Fall 2006 – Spring 2011 |
| Introduction to Audiology (CD 320) | Spring 2007-11 |

**Individual Lectures at University of Wisconsin – Madison**

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| “Effects of mild traumatic brain injury on the auditory system” | Guest lecture for CD 202 Normal Aspects of Hearing | 4/21/10 |
| “Use of SFOAEs to investigate cochlear sources of temporal overshoot” | Brain and Bagels (formerly Hearing and Donuts) | 10/16/08 |
| “Wideband measures of middle-ear function” | Research to Clinical Practice | 4/12/2008 |
| “Use of psychometric-function slopes for forward-masked tones to investigate cochlear nonlinearity” | CD 900 Seminar in Speech Science | 9/17/2007 |
| “Use of psychometric-function slopes for forward-masked tones to investigate cochlear nonlinearity” | Hearing and Donuts | 9/28/2007 |
| “Wideband measures of middle-ear function” | CD 860 Physiological Assessment in Audiology II | 2006, 2007, 2008, 2009 |
| “Wideband reflectance measures of ipsilateral middle-ear muscle reflex (MEMR)” | Hearing and Donuts | 9/8/2006 |
| “Use of stimulus-frequency otoacoustic emissions to evaluate cochlear function” | CD 900 Seminar in Speech Science | 2/27/2006 |

**Invited Seminar at The University of Memphis**

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| Psychoacoustics | One-day seminar for AuD and PhD students | 10/16/2009 |
| Psychoacoustics | Two-day seminar for AuD and PhD students  | 2/25/2005 & 2/26/2005 |

**Individual Lectures at The University of Memphis**

|  |  |  |
| --- | --- | --- |
| “Third Party Payment”  | Clinical Experience in Audiology | 1/2000 |
| “Impedance Audiometry” | Advanced Differential Audiology | 1/2000 |
| “Classic Site of Lesion Tests”  | Advanced Differential Audiology | 1/2000 |
| “Paying for Health Care – Where Does Audiology Fit In?”  | Clinical Experience in Audiology | 3/1999 |
| “Counseling Adult Clients”  | Clinical Experience in Audiology | 3/1999 |
| “Otoacoustic Emissions” | Advanced Differential Audiology | 11/1998 |

**Invited Lecture at Southern College of Optometry**

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| --- | --- | --- |
| “Hearing Loss Assessment and Management in the Elderly” (with Greg Flamme) | Geriatrics class for third year students  | 5/1998 |

#### Co-Instructor at The University of Memphis

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| Anatomy and Physiology of the Hearing Mechanism | Fall 1997 |

**STUDENT RESEARCH AND MENTORING:**

Hornick, L. (2011). Temporal masking in listeners with mild traumatic brain injury. AuD capstone project (Committee director)

Lett, K. (2011). Benefits of personal FM systems in speech recognition in children with Down syndrome. Au.D. capstone project. (Committee director)

Grichar, K. (2011). Developing Normative Data for Acoustic Reflex Thresholds and Tympanometry Obtained for Reactance and Admittance for 226 Hz, 678 Hz, and 1000 Hz probe. Au.D. capstone project. (Committee member)

Sweet, A. (2011). Au.D. capstone project. (Committee member)

Liu, C. (2010). Doctoral dissertation committee. (Committee member)

Thorliefson, C. (2010). Repeatability of reflectance and multi-frequency tympanometry in young children. Au.D. capstone project. (Committee director)

Roths, T. (2010). A comparison of acoustic admittance measurements recorded from a clinical tympanometry system and a reflectance system in young children. Au.D. capstone project. (Committee director)

Meulenbroek, P. (2009). Preliminary doctoral examinations. (Committee member)

Lo, Y-C. (2009). Preliminary doctoral examinations. (Committee member)

Posorske, J. (2008). Use of personal FM systems in the classroom with children with Down syndrome. Au.D. capstone project. (Committee director)

Steininger, E. (2008). Relationship between middle-ear wideband acoustic transfer function measures and distortion-product otoacoustic emission amplitude. Au.D. capstone project. (Committee director)

Morrison, B. (2008). A comparison of acoustic admittance measurements recorded from a clinical tympanometry system and a reflectance system in adults. Au.D. capstone project. (Committee member, but data collected in my lab in conjunction with Steininger capstone).

Agrawal, S. (2008). Spatial hearing abilities in adults with bilateral cochlear implants. Doctoral dissertation. (Committee member)

Wilson, M. (2008). Effects of lead exposure in children: Separating cochlear and retrocochlear effects. Au.D. capstone project (Committee director)

Rafferty, M. (2008). Multifrequency tympanometry in young children. Au.D. capstone project. (Committee director)

Storm, E. (2008). Quality of life and performance measures in children with cochlear implants. Au.D. capstone project. (Committee member)

Liu, Ching-Ju. (2007). Preliminary doctoral examinations. (Committee member)

Garadat, S. (2007). Effect of spectral holes on speech intelligibility and spatial release from masking. Doctoral dissertation. (Committee member)

Stenberg, E. (2007). Distortion product otoacoustic emission levels in adults and children with normal hearing and children with PE tubes. Au.D. capstone project. (Committee director)

Almer, M. (2007). Comparison of standard clinical and wideband measures of ipsilateral acoustic reflexes in adults with normal hearing. Au.D. capstone project. (Committee member, but data collected in my lab in conjunction with Stenberg capstone)

Hervas, S. (2007). Volume setting and duration of use of portable mp3 players: The relation to noise exposure and attitudes of listeners. Au.D. capstone project. (Committee member)

Tiedemann, K. (2006). Perceptions of hearing loss with normal hearing. Au.D. capstone project. (Committee member)

Vinopal, L. (2006). Chiropractic management of otitis media in children. Au.D. capstone project. (Committee member)

**PUBLICATIONS:**

Feeney, M. P. and Schairer, K. S. (2014). Acoustic stapedius reflex measurements. Chapter in Handbook of Clinical Audiomery, 7th edition.

Schairer, K. S., Feeney, M. P., and Sanford, C. A.  (2013).  Acoustic reflex measurement.  Ear Hear 34 (Suppl 1), 43S-47S.  PMID: 23900179

Feeney, M. P., Hunter, L. L., Kei, J., Lilly, D. J., Margolis, R. H., Nakajima, H. H., Neely, S. T., Prieve, B. A., Rosowski, J. J., Sanford, C. A., Schairer, K. S., Shahnaz, N., Stenfeldt, S., and Voss, S. E.  (2013).  Consensus statement: Eriksholm workshop on wideband absorbance measures of the middle ear. Ear Hear 34 (Suppl 1), 78S–79S.

Shahnaz, N., Feeney, M. P., and Schairer, K. S.  (2013).  Wideband acoustic immittance normative data: Ethnicity, gender, aging, and instrumentation. Ear Hear 34 (Suppl 1), 27S–35S.  PMID: 23900176

Neely, S. T., Stenfelt, S., and Schairer, K. S.  (2013).  Alternative ear-canal measures related to absorbance.  Ear Hear 34 (Suppl 1), 72S–77S.  PMID: 23900185

Schairer, K. S. (2012). Mild traumatic brain injury and associated effects on the auditory system. Perspectives (Division 6), 16(1), 18-25.

Schairer, K. S., Morrison, B., Steininger, E., and Fowler, C. (2011). Relationships among standard and wideband measures of middle ear function and distortion product otoacoustic emissions. J Am Acad Aud, 22(5), 253-264. [PMID: 21756841]

Helfer, T. M., Jordan, N. N., Lee, R. B., Pietrusiak, P., Cave, K., and Schairer, K. (2011). Noise Induced Hearing Injury and Comorbidities Among
Postdeployment US Army Soldiers April 2003 Through June 2009. Am J Aud, 20, 33-41. [PMID: 21474555]

Keefe, D. H. and Schairer, K. S. (2011). Specification of absorbed sound power in the ear canal. J Acoust Soc Am, 129(2), 779-791. [PMID: 21361437; PMCID: PMC3070993]

Jesteadt, W., Schairer, K. S., Nizami, L., Khaddam, S., and Neely, S. T. (2009). Effects of external noise on detection of intensity increments. J Acoust Soc Am, 126(4), 1941-1953. [PMID: 19813806; PMCID: PMC2771056]

Keefe, D. H., Schairer, K. S., Ellison, J. C., Fitzpatrick, D. F., and Jesteadt, W. (2009). Use of stimulus-frequency otoacoustic emissions to investigate efferent and cochlear contributions to temporal overshoot. J Acoust Soc Am, 125(3), 1595-1604. [PMID: 19275317; PMCID: PMC2677284]

Schairer, K. S., Messersmith, J. and Jesteadt, W. (2008). Use of psychometric-function slopes for forward-masked tones to investigate cochlear nonlinearity. J Acoust Soc Am, 124(4), 2196-2215. [PMID: 19062859; PMCID: PMC2600619]

Schairer, K. S., Ellison, J. C., Fitzpatrick, D., and Keefe, D. H. (2007). Wideband ipsilateral measurements of middle-ear muscle reflex thresholds in children and adults. J Acoust Soc Am, 121, 3607-3616. [PMID: 17552712; PMCID: PMC2041858]

Schairer, K. S., Ellison, J. C., Fitzpatrick, D., and Keefe, D. H. (2006). Use of stimulus-frequency otoacoustic emission latency and level to investigate cochlear mechanics in human ears. J Acoust Soc Am, 120, 901-914. [PMID: 16938978; PMCID: PMC1661834]

Schairer, K. S. and Gray, L. C. (2005). Effects of Lead Exposure on Auditory Function and Perception. Perspectives, 9(1), 22-26.

Neely, S. T., Schairer, K. S., and Jesteadt, W. (2005). Estimates of cochlear compression from measurements of loudness growth. In Pressnitzer, D., deCheveigne’, A., McAdams, S., and Collet, L. (Eds). *Auditory signal processing: Physiology, psychoacoustics, and models,* New York, Springer*,* pp. 42-48.

Schairer, K. S. and Keefe, D. (2005). Simultaneous stimulus-frequency and distortion-product otoacoustic emission input-output functions recorded in human ears. J Acoust Soc Am, 117(2), 818-832. [PMID: 15759702]

Jesteadt, W. Schairer, K. S., and Neff, D. L. (2005). Effect of variability in level on forward masking and on increment detection. J Acoust Soc Am, 118, 325-337. [PMID: 16119353]

Jesteadt, W., Nizami, L., and Schairer, K. S. (2003). A measure of internal noise based on sample discrimination. J Acoust Soc Am 114, 2147-2157. [PMID: 14587612]

Schairer, K. S., Fitzpatrick, D., and Keefe, D. H. (2003). Input-output functions for stimulus-frequency otoacoustic emissions in normal-hearing adult ears. J Acoust Soc Am, 114, 944-966. [Selected for appearance in the Virtual Journal of Biological Physics Research online] [PMID: 12942975]

Schairer, K. S., Nizami, L., Reimer, J. R., and Jesteadt, W. (2003). Effects of peripheral nonlinearity on psychometric functions for forward-masked tones. J Acoust Soc Am, 113(3), 1560-73. [PMID: 12656391]

Schairer, K., S., Gould, H. J., and Pousson, M. (2001). Source generators of mismatch negativity to multiple deviant stimulus types. Brain Topogr, 14(2), 117-130. [PMID: 11797810]

Schairer, K., Clukey, C., and Gould, H. J. (2000). Distortion product otoacoustic emissions to single and simultaneous tone pairs. J Am Acad Audiol, 11(8), 411-417.

Schairer, K. and Nelson, N.W. (1996). Communicative possibilities of written conversations with adolescents who have autism. Child Language Teaching and Therapy, 12(2), 164-180.

**PRESENTATIONS:**

Schairer, K. S., Feeney, M. P., Keefe, D. H., Fitzpatrick, D., Putterman, D., and Kolberg, E. (2016). Comprehensive wide bandwidth test battery of auditory function in Veterans. Accepted for poster presentation, February 22 – 24, 2016, St. Louis, MO, Joint Defense Veterans Audiology Conference.

Schairer, K. S. (2012). Acoustic reflex measurement using wideband absorbance. Presented at the Eriksholm workshop on wideband absorbance measures of the middle ear. November 5-7, 2012, Portland, OR, VA RR&D National Center for Rehabilitative Auditory Research.

Lett, K., Nordberg, J., and Schairer, K (2012). Improvement of word discrimination in noise with a personal FM system in children with Down syndrome. Poster presented at the 2012 Annual Convention of the Wisconsin Speech-Language Pathology and Audiology Professional Association. February 23-25, Milwaukee, WI. [Won first place in research symposium poster competition.]

Schairer, K. S. (2011). Wideband acoustic transfer functions in children and adults. Invited talk at the 41st Annual Midsouth Conference on Communicative Disorders, February 24-25, Hilton Hotel, Memphis, TN.

Roths, T., Thorleifson, C., Rafferty, M., Fowler, C. G., and Schairer, K. S. (2010). Multi-frequency and wideband measurements of middle ear function in young children. Poster presented at the 2010 Annual Convention of the Wisconsin Speech-Language Pathology and Audiology Professional Association. February 25-27, Oshkosh Convention Center Oshkosh, WI.

Schairer, K. S. (2010). Cochlear Implants 101. Invited talk at the Wisconsin Educational Services Program for the Deaf and Hard of Hearing Professional Conference, March 11-12, Concourse Hotel & Governor’s Club, Madison, WI.

Schairer, K. S. (2010). Hearing Research in the University of Wisconsin Doctor of Audiology Program. Invited talk at the 2010 Annual Convention of the Wisconsin Speech-Language Pathology and Audiology Professional Association. February 25-27, Oshkosh Convention Center Oshkosh, WI.

Schairer, K. S., Steininger, E., Morrison, B., and Fowler, C. (2009). “Relationship between wideband middle ear measures and otoacoustic emissions.” Presented at the 2009 American Speech-Language-Hearing Association Convention, November 19-21, 2009, New Orleans, LA.

Schairer, K. S., Morrison, B., Steininger, E., and Fowler, C. (2009). “Comparison of measurements at ambient pressure on clinical immittance and wideband acoustic transfer function systems.” Presented at the 157th Meeting of the Acoustical Society of America, May 18-22, 2009, Portland, OR

Schairer, K. S. (2009). “Hearing Loss 101.” Invited presentation given to caregivers of children with hearing loss at the 7th Annual Statewide Family Conference. March 13-15, 2009, Madison, WI.

Schairer, K., Almer, M., Fowler, C., Stenberg, E., and Chipman, S. (2008). Standard clinical and wideband estimates of ipsilateral middle ear muscle reflex thresholds. Presented at the 31st Annual MidWinter Meeting of the Association for Research in Otolaryngology, Phoenix, AZ, February, 2008.

Keefe, D. H., Schairer, K. S., Ellison, J. C., Fitzpatrick, D. F., and Jesteadt, W. (2006). Thresholds of behavioral and OAE responses to tones in noise. Presented at the American Auditory Society Annual Meeting, March 5-7, 2006, Scottsdale, AZ.

Schairer, K. S., Ellison, J. C., Fitzpatrick, D., and Keefe, D. H. (2006). Narrowband versus wideband measurements of middle ear muscle reflex thresholds. Presented at the American Auditory Society Annual Meeting, March 5-7, 2006, Scottsdale, AZ.

Schairer, K. and Konrad-Martin, D. (2005). Update on the use of SFOAEs to investigate cochlear function. Presented at the American Speech-Language-Hearing Association National Convention, November 18–20, 2005, San Diego, CA.

Schairer, K. S., Messersmith, J., and Jesteadt, W. (2005). Psychometric-function slopes for forward-masked tones in listeners with cochlear hearing loss. Presented at the 149th Meeting of the Acoustical Society of America, May 16-20 2005, Vancouver, BC, Canada.

Keefe, D. H., Schairer, K. S., Ellison, J. C., Fitzpatrick, D. F., and Jesteadt, W. (2005). Stimulus frequency otoacoustic emissions elicited by transient tones in noise. Presented at the 28th Annual MidWinter Meeting of the Association for Research in Otolaryngology, New Orleans, LA, February, 2005.

Jesteadt, W., Nizami, L., Neely, S. T., and Schairer, K. (2004) Effect of noise on the detection of intensity increments. Paper presented at the 147th Meeting of the Acoustical Society of America held 24--28 May 2004 in New York, New York.

Schairer, K. S., Fitzpatrick, D., Goodman, S., Ellison, J., Keefe, D. H. (2004). Using level-dependent latencies to identify dominant SFOAE sources. Paper presented at the American Auditory Society 2004 Scientific and Technology Meeting Program, Scottsdale, AZ, March, 2004.

Schairer, K. S., Keefe, D., and Jesteadt, W. (2004). Level-dependent SFOAE variability elicited by equal-frequency primaries. Paper presented at the 27th MidWinter Meeting of the Association for Research in Otolaryngology, Daytona Beach, FL, February, 2004.

Neely, S. T., Schairer, K. S., and Jesteadt, W. (2003). Estimates of Cochlear Compression from Measurements of Loudness Growth. Paper presented at the 13th International Symposium on Hearing, Dourdan France, August, 2003.

Schairer, K. S and Jesteadt, W. (2003). Evidence of peripheral nonlinearity in psychometric function slopes of forward-masked tones at 250 and 4000 Hz. J Acoust.Soc.Am, 113, 2226. (Abstract)

Keefe, D. H., Schairer, K. S., and Jesteadt, W. (2003). Is there an OAE correlate to behavioral overshoot? Paper presented at the 26th Midwinter Research Meeting of the Association for Research in Otolaryngology, Daytona Beach, FL, February, 2003. (Abstract)

Jesteadt, W. and Schairer, K. S. (2003). Effect of masker variability on forward masking and increment detection. Assoc.Res.Otolaryngol.Abst. Paper presented at the 26th Midwinter Research Meeting of the Association for Research in Otolaryngology, Daytona Beach, FL, February, 2003. (Abstract)

Jesteadt, W., Nizami, L., and Schairer, K. S. (2002). A measure of internal noise based on sample discrimination of level differences. Paper presented at the First Pan-American/Iberian Meeting on Acoustics, Cancun, Mexico, December, 2002. (Abstract)

Jesteadt, W., Neely, S. T., and Schairer, K. S. (2002). Estimating the form of the peripheral nonlinearity from slopes of psychometric functions in forward masking. J Acoust.Soc.Am, 111, 2358. (Abstract)

Schairer, K. S. and Keefe, D. H. (2002). SFOAE input/output functions elicited by slightly off-frequency suppressors. J Acoust.Soc.Am, 111, 2356. (Abstract)

Schairer, K. S. and Jesteadt, W. (2002). Psychometric functions for variable masker levels in the context of peripheral nonlinearity. Paper presented at the 25th Midwinter Research Meeting of the Association for Research in Otolaryngology, St. Petersburg Beach, FL, January, 2002. (Abstract)

Jesteadt, W., Schairer, K. S., Reimer, J. F., and Neff, D. L. (2002). Effect of masker variability on forward masking: A test of temporal window models. Paper presented at the 25th Midwinter Research Meeting of the Association for Research in Otolaryngology, St. Petersburg Beach, FL, January, 2002. (Abstract)

Schairer, K. S., Gould, H. J., and Pousson, M. “Mismatch negativity: source generators and effects of the multiple deviant condition.” Presented at the XVII IERASG Biennial Symposium, July 22-27, 2001, Vancouver, B. C. Canada.

Schairer, K. S., Reimer, J. F., and Jesteadt, W. (2001). Psychometric functions for detection of tones following on- and off-frequency forward maskers. Presented at the 141st Meeting of the Acoustical Society of America, June 4-8, 2001, Chicago, IL. J Acoust.Soc.Am, 109, 2464. (Abstract)

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