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EDUCATION:

1979-1983	High School	Belleville Township High School-West, Belleville, IL
1983 - 1987	A.B. (Major-Mathematics, Minor-Biology)	Washington University, St. Louis, MO
1987 - 1995	M.D., Ph.D. (Speech & Hearing Science)	University of Illinois at Urbana- Champaign
	Thesis: Simulating the effects of hearing loss and aging on the masking-level difference. Committee Chair: Robert C. Bilger.	
1995-1996	Intern in General Surgery	Washington University, St. Louis, MO
1996-1998	NIH Postdoctoral Research Fellow	Indiana University, Indianapolis, IN
1996-2002	Resident in Otolaryngology	Indiana University, Indianapolis, IN
2002-2004	Fellow in Otology-Neurotology	University of Iowa, Iowa City, IA

LICENSURE:

1995-1996	Resident Physician - Missouri	
1996-1997	Resident Physician - Indiana	
2002	Resident Physician - Iowa	
1997-present	Physician - Indiana	01047192A
2002-present	Physician - Iowa	34775
2004-present	Physician - South Carolina	26904

SPECIALTY BOARD STATUS:

1989	NBME I
1994	USMLE II
1997	USMLE III
2003	Otolaryngology
2006	Neurotology - pending

AWARDS:

- 1983-1984 First National Bank of Millstadt, IL Mathematics Scholarship, Washington University
- 1986-1987 Captain, Men's Tennis, Washington University
- 1986-1987 Most Valuable Player, Men's Tennis, Washington University
- 1988-1991 Scholarship, Children of Veterans, St. Clair County, IL, University of Illinois
- 1989-1990 Scholarship, College of Medicine, University of Illinois
- 1994 Fellowship, College of Medicine, University of Illinois
- 1996-1998 NIH/NIDCD Postdoctoral Research Fellowship, Indiana University, Department of Otolaryngology,
- 1997 Resident Travel Award, Association for Research in Otolaryngology
- 1997 Special Research Recognition Award For Excellence - Manion Memorial Lectureship, Indiana University, Department of Otolaryngology
- 1997 Travel Award, Conference on Implantable Auditory Prostheses
- 1998 Resident Travel Award, Association for Research in Otolaryngology
- 1998 Special Research Recognition Award For Excellence - Manion Memorial Lectureship, Indiana University, Department of Otolaryngology
- 1998 Mallinkrodt Award, American Academy of Otolaryngology - Head & Neck Surgery Foundation - Resident Research Grant
- 1999 Resident Travel Award, Association for Research in Otolaryngology
- 1999 First Place Award For Excellence - Manion Memorial Lectureship, Indiana University, Department of Otolaryngology
- 2000 Resident Travel Award, Association for Research in Otolaryngology
- 2000 First Place Award For Excellence - Lingeman-Manion Memorial Lectureship, Indiana University, Department of Otolaryngology
- 2001 Resident Travel Award, Association for Research in Otolaryngology
- 2001 First Place Award For Excellence - Lingeman-Manion Memorial Lectureship, Indiana University, Department of Otolaryngology
- 2002 Resident Travel Award, Association for Research in Otolaryngology
- 2002 Alpha Omega Alpha (AOA) Medical Honor Society
- 2002 Special Research Recognition Award For Excellence - Manion-Lingeman Memorial Lectureship, Indiana University, Department of Otolaryngology
- 2003 Resident Travel Award, Association for Research in Otolaryngology
- 2004 Resident Travel Award, Association for Research in Otolaryngology

PROFESSIONAL EXPERIENCE:

- 1986 Teaching Assistant, Department of Mathematics, Washington University, St. Louis, MO
- 1986 Tutor, Department of Mathematics, Washington University, St. Louis, MO
- 1986-1988 Research Assistant, Signal Detection Laboratory (R.H. Gilkey, PhD), Central Institute for the Deaf, Washington University, St. Louis, MO

- 1989-1991 Teaching Assistant, Department of Speech and Hearing Science, University of Illinois, Champaign, IL
- 1987-1995 Research Assistant (R.C. Bilger, PhD), Department of Speech and Hearing Science, University of Illinois, Champaign, IL
- 1995-1996 Intern, Department of General Surgery, Barnes-Jewish Hospital, Washington University, St. Louis, MO
- 1996-1998 NIH Postdoctoral Research Fellow (R.T. Miyamoto, MD, D.B. Pisoni, PhD, and M.A. Svirsky, PhD), Department of Otolaryngology, Indiana University, Indianapolis, IN
- 1996-2002 Resident, Department of Otolaryngology, Indiana University, Indianapolis, IN
- 1997-1998 Research Supervisor, Medical Student Research Projects, NIH/NIDCD Training Grant DC00012, Department of Otolaryngology, Indiana University, Indianapolis, IN
- 2002-2004 Fellow, Otology-Neurotology, Department of Otolaryngology, University of Iowa, Iowa City, IA
- 2004- Assistant Professor, Department of Otolaryngology, Medical University of South Carolina, Charleston, SC
- 2004- Director, Cochlear Implant Program, Department of Otolaryngology, Medical University of South Carolina, Charleston, SC
- 2004- Residency Program Director (GME Representative), Department of Otolaryngology, Medical University of South Carolina, Charleston, SC
- 2005- Adjunct Assistant Professor, Department of Communication Sciences and Disorders, Medical University of South Carolina

SERVICE:

- 1997-1999 Editorial Assistant, Ear and Hearing, Cochlear Implants and Rehabilitative Audiology Section (Dr. M.A. Svirsky, Section Editor)
- 1998-present Reviewer, Ear and Hearing
- 1999-present Reviewer, Annals of Otology, Rhinology, and Laryngology
- 2001-present Reviewer, Journal of Speech, Language, and Hearing Research
- 2004-present Reviewer, Laryngoscope
- 2005-present Reviewer, Otology & Neurotology
- 2004-2007 AAO-HNS Research Liaison & Development Subcommittee

GRANT SUPPORT:

- 1998 American Academy of Otolaryngology - Head and Neck Surgery Foundation - Resident Research Grant. Modeling word recognition in adult cochlear implant users. T.A. Meyer, PI, S. Frisch, Co-I, M.A. Svirsky, Co-I. \$9855. Mallinckrodt Award.
- 1998 National Organization for Hearing Research. Early prediction of long-term speech perception with adult cochlear implant users. T.A. Meyer, PI, M.A. Svirsky, Co-I. \$10,000

- 1998 Deafness Research Foundation. Mathematical modeling of consonant recognition in adult cochlear implant users. M.A. Svirsky, PI, T.A. Meyer, Co-I. \$11,480
- 1998 Indiana University Intercampus Research Grant. Stimulation and response bias in vowel perception with a cochlear implant. M.A. Svirsky, PI, D.B. Pisoni, Co-I, T.A. Meyer, Co-I, R.A. Wright, Co-I. \$9872
- 1999 American Hearing Research Foundation. Stimulation strategies for users of auditory brainstem implants. M.A. Svirsky, PI, T.A. Meyer, Co-I. \$14,932
- 2004 Deafness Research Foundation. Evaluation of Alerting Tasks for Vestibular Assessment of Patients with Hearing Loss. J.E. King, PI, T.A. Meyer, Co-I. \$49,820 (submitted)
- 2004 National Institutes of Health/NCRR COBRE in Sensory Function and Restoration. R.K. Crouch, PI. Project 5 - Spatial frequency resolution with cochlear implants, T.A. Meyer, PI. \$438,000 (submitted)

CONSULTANT:

- 2004- Models of speech perception by cochlear implant users. NIH/NIDCD R01 DC003937 - M.A. Svirsky, P.I.

PROFESSIONAL ORGANIZATIONS:

- 1988-1998 Acoustical Society of America
- 1991-1993 American Auditory Society
- 1991- Association for Research in Otolaryngology
- 1992-1995 American Medical Student Association
- 1992-1995 American Speech-Language-Hearing Association
- 1992-1995 Illinois State Medical Society
- 1998- American Academy of Facial Plastic Surgery
- 1998- American Academy of Otolaryngology - Head & Neck Surgery
- 1999- American College of Surgeons
- 2001- Triological Society
- 2002- Alpha Omega Alpha
- 2004- South Carolina Society of Otolaryngology / Head and Neck Surgery
- 2004- Charleston Medical Society
- 2004- Alexander Graham Bell Association for the Deaf
- 2004- Vestibular Disorders Association

PUBLICATIONS:

- Chambers, R.D. & Meyer, T.A. (1993). Reliability of threshold estimation in hearing-impaired adults using the AMFR. Journal of the American Academy of Audiology, 4, 22-33.
- Meyer, T.A. & Bilger, R.C. (1997). Effect of set size and method on speech-reception thresholds in noise. Ear and Hearing, 18, 202-209.
- Bilger, R.C., Matthies, M.L., Meyer, T.A., & Griffiths, S.K. (1998). Psychometric equivalence of recorded spondaic words as test items. Journal of Speech, Language, and Hearing Research, 41, 516-526.
- Meyer, T.A., Svirsky, M.A., Kirk, K.I., & Miyamoto, R.T. (1998). Improvements in speech perception by children with profound prelingual hearing loss: Effects of device, communication mode, and chronological age. Journal of Speech, Language, and Hearing Research, 41, 846-858.
- Svirsky, M.A., & Meyer, T.A.. (1999). A comparison of speech perception for pediatric Clarion and hearing aid users. Annals of Otolaryngology, Rhinology, and Laryngology, 108 (Suppl. 177), 104-109.
- Meyer, T.A., & Pisoni, D.B. (1999). Some computational analyses of the PBK Test: Effects of word frequency and lexical density on spoken word recognition. Ear and Hearing, 20, 363-371.
- Meyer, T.A., & Svirsky, M.A. (2000). Speech perception by children with the Clarion (CIS) or Nucleus (SPEAK) cochlear implant or hearing aids. Annals of Otolaryngology, Rhinology, and Laryngology, 109 (Suppl. 185), 49-51.
- Chin, S.B., Meyer, T.A., Wright, G.A., Hay-McCutcheon, M., & Pisoni, D. B. (2000). The structure of the lexicons of children who use cochlear implants: Preliminary findings. Annals of Otolaryngology, Rhinology, and Laryngology, 109 (Suppl. 185), 114-116 .
- Meyer, T.A., Frisch, S., Svirsky, M.A., & Pisoni, D.B. (2000). Modeling phoneme and open-set word recognition by cochlear implant users based on psychophysical measures: A preliminary report. Annals of Otolaryngology, Rhinology, and Laryngology, 109 (Suppl. 185), 68-70.
- Frisch, S., Meyer, T.A., Pisoni, D.B., Svirsky, M.A., & Kirk, K.I. (2000). Using behavioral data to model open-set word recognition and lexical organization by pediatric cochlear implant users. Annals of Otolaryngology, Rhinology, and Laryngology, 109 (Suppl. 185), 60-62 .
- Svirsky, M.A., Meyer, T.A., Basalo, S., Simmons, P.M., Suárez, H., & Miyamoto, R.T. (2000). Consonant recognition with the CIS and SPEAK strategies by users of the Nucleus-22 cochlear implant: Preliminary results. Anales de Otorrinolaringología Mexicana, 45 (4), 146-157.

- Harnsberger, J.D., Svirsky, M.A., Kaiser, A.R., Pisoni, D.B., Wright, R., & Meyer, T.A. (2001). Perceptual “vowel spaces” of cochlear implant users: Implications for the study of auditory adaptation to spectral shift. Journal of the Acoustical Society of America, *109* (5 Pt 1), 2135-2145.
- Meyer, T.A., Frisch, S., Pisoni, D.B., Miyamoto, R.T., & Svirsky, M.A. (2003). Modeling open-set spoken word recognition in post-lingually deafened adults following cochlear implantation: Some preliminary results with the Neighborhood Activation Model. Otology and Neurotology, *24*(4), 612-620.
- Meyer, T.A., & Lambert, P.R. (2004). Primary and revision stapedectomy in the elderly patient. Current Opinion in Otolaryngology, *12* (5), 387-392.
- Wilkinson, E.P., Dogru, S., Meyer, T.A. & Gantz, B.J. (2004). Case Report: Cochlear implant magnet migration. Laryngoscope, *114*, 2009-2011.
- Meyer, T.A., Rubinstein, J.T., & Hong, R.S. (submitted). Effects of high-rate conditioning stimuli on frequency discrimination with cochlear implants. Otology and Neurotology.
- Wilkinson, E.P., Meyer, T.A., & Rubinstein, J.T. (submitted). Spontaneous otogenic pneumocephalus managed with the middle fossa approach. Otolaryngology - Head and Neck Surgery.
- Meyer, T.A., Canty, P.A., Wilkinson, E.P., Hansen, M.R., Rubinstein, J.T. & Gantz, B.J. (submitted). Small acoustic neuromas: Watch and wait versus surgical excision. Otology & Neurotology.

BOOK CHAPTERS

- Gantz, B.J., Meyer, T.A., Redleaf, M.I., & Menezes, A.H. (2005) Management of clivus and parasellar space neoplasms. In R.K. Jackler, D.E. Brackmann (eds.) Neurotology, pp. 1047-1069. Philadelphia: Elsevier-Mosby.
- Gantz, B.J. & Meyer, T.A. (2005) Auditory brainstem implant. In C.W. Cummings et al. (eds.) Cummings Otolaryngology Head and Neck Surgery, pp. 3845-3854. Philadelphia: Mosby.
- Gantz, B.J., Meyer, T.A., & Weber, P.C. (2005). Acute facial paralysis: Bell’s palsy. In R.E. Rakel, E.T. Bope (eds.) Conn’s Current Therapy 2005, pp. 1077-1080. Philadelphia: Elsevier Saunders.
- Meyer, T.A., Strunk, C.L., & Lambert, P.R. (2005 - in press). Cholesteatoma. In Bailey, B.J. (Ed). Head and Neck Surgery - Otolaryngology, 4th Edition. Lippincott Williams & Wilkins.

NON-REFEREED PUBLICATIONS:

- Meyer, T.A., Pisoni, D.B., Luce, P.A., & Bilger, R.C. (1997). Acoustic, psychometric and lexical neighborhood properties of the spondaic words: A computational analysis of speech discrimination scores. Research in Spoken Word Recognition, PR 21, Speech Recognition Laboratory, Department of Psychology, Indiana University, Bloomington, IN.
- Kaiser, A.R., Svirsky, M.A., & Meyer, T.A. (1999). Use of gap duration identification in consonant perception by cochlear implant users. Research in Spoken Word Recognition, PR 23, Speech Recognition Laboratory, Department of Psychology, Indiana University, Bloomington, IN.
- Meyer, T.A. (2002). Congenital aural atresia: A primer for the hearing professional. American Speech, Hearing, Language Association Journal.
- Meyer, T.A. (2004). Cochlear implants. National Resident Online Study Guide, American Academy of Otolaryngology - Head and Neck Surgery.

WORKS IN PROGRESS:

- Bilger, R.C., & Meyer, T.A. (under revision). Individual differences and instrumental variation in audiological research. Journal of the Acoustical Society of America.
- Meyer, T.A., Pisoni, D.B., Luce, P.A., & Bilger, R.C. (under revision). An analysis of the psychometric and lexical neighborhood properties of the spondaic words. Journal of the American Academy of Audiology.
- Frisch, S.A., Meyer, T.A., & Pisoni, D.B. (under revision). Applying the context model to processor and stimulus list differences in spoken word recognition by children using cochlear implants. Journal of Speech, Language, and Hearing Research.
- Kaiser, A.R., Svirsky, M.A., & Meyer, T.A. (in preparation). The use of gap duration identification in consonant perception by cochlear implant users. Journal of the Acoustical Society of America.
- 2004 Medical University of South Carolina University Research Committee. Spoken-Word Recognition in Cochlear Implant Users. T.A. Meyer, PI, J.E. King, Co-I. \$24,898 (submitted - not funded - resubmit August-05).
- Meyer, T.A., Chau, F.Y., Chen, H. & Rubinstein, J.T. Effects of high-rate conditioning stimuli on intensity discrimination with cochlear implants. Ear and Hearing ??? (in preparation)

PRESENTATIONS & INVITED LECTURES:

- Gilkey, R.H. & Meyer, T.A. (1987). Modeling subject responses in a reproducible noise masking task. Journal of the Acoustical Society of America, 82(S1), S92-93.

- Meyer, T.A. (1989). Modeling subject responses to tones in a reproducible masking noise. Department of Speech & Hearing Science Seminar, University of Illinois. Champaign, IL.
- Meyer, T.A. & Bilger, R.C. (1990). Effect of set size and method on speech-reception thresholds. University of Illinois Medical Scholars Program Allerton Retreat. Monticello, IL.
- Meyer, T.A. & Gilkey, R.H. (1990). Modeling subject responses in a reproducible noise masking task. University of Illinois Medical Scholars Program Allerton Retreat. Monticello, IL.
- Meyer, T.A. & Bilger, R.C. (1991). Effect of set size and method on SRT's in noise. Association for Research in Otolaryngology Abstracts, 14, No. 328.
- Bilger, R.C., Meyer, T.A. & Rao, P. (1991). Statistical validation of the articulation index for hearing-impaired listeners. American Speech-Language-Hearing Association. Atlanta, GA.
- Meyer, T.A. & Chambers, R.D. (1992). Repeatability of the threshold estimation in hearing-impaired adults using the AMFR. Association for Research in Otolaryngology Abstracts, 15, No. 408.
- Rao, P., Bilger, R.C., Russell, A.F. & Meyer, T.A. (1992). Technique for measuring low-level otoacoustic emissions. Journal of the Acoustical Society of America, 91(4) Pt.2, 2409-2410.
- Chambers, R.D. & Meyer, T.A. (1992). Use of the AMFR in hearing-impaired adults: Case studies. 20th Meeting of the American Auditory Society. San Antonio, TX.
- Meyer, T.A., Novak, M.A. & Bilger, R.C. (1992). Tinnitus in otosclerosis. American Speech-Language-Hearing Association. San Antonio, TX.
- Chambers, R.D. & Meyer, T.A. (1992). Reliability of threshold estimation using the AMFR. American Speech-Language-Hearing Association. San Antonio, TX.
- Meyer, T.A., Novak, M.N. & Bilger, R.C. (1993). Tinnitus in an otosclerotic patient. Association for Research in Otolaryngology Abstracts, 16, No. 22.
- Meyer, T. A. (1993). Simulating the effects of hearing loss on the masking-level difference in young subjects with normal hearing. University of Illinois Medical Scholars Program Allerton Retreat. Monticello, IL.
- Meyer, T.A. (1994). Simulating the effects of sensorineural hearing loss on the masking-level difference. Association for Research in Otolaryngology Abstracts, 17, No. 276.
- Bilger, R.C., Brestal, K.L., Lesniak, J.M., Petrow, K.L. & Meyer, T.A. (1994). The effects of age and gender on the leakage of dB SPL from beneath binaural headphones. Journal of the Acoustical Society of America, 95(5) Pt.2, 3005.

- Bilger, R.C., Brestal, K.L., Meyer, T.A. & Lesniak, J.M. (1994). Sources of acoustic artifact in low-frequency MAP's: age, gender, ear. 22nd Meeting of the American Auditory Society. Halifax, Nova Scotia, Canada.
- Meyer, T. A. (1995). Simulating the effects of hearing loss and aging on the masking-level difference. Unpublished doctoral dissertation. University of Illinois.
- Bilger, R.C., Hsu, C.Y. & Meyer, T.A. (1996). Localization and speech recognition in noise: effect of age, hearing loss, and noise. Association for Research in Otolaryngology Abstracts, 19, No. 748.
- Bilger, R.C., Hsu, C.Y. & Meyer, T.A. (1996). Localization and speech perception in noise by aging listeners. Journal of the Acoustical Society of America, 99(4) Pt.2, 2516.
- Svirsky, M.A., Suárez, H., Basalo, S., Aras, M.S., Meyer, T.A., Schulte, J.R., Setty, M. & Tierney, J. (1996). Pitch ranking of adjacent channels throughout the cochlea. International Workshop on Cochlear Implants. Vienna, Austria.
- Svirsky, M.A. & Meyer, T.A. (1997). A mathematical model of vowel perception by cochlear implantees who use the SPEAK stimulation strategy. Association for Research in Otolaryngology Abstracts, 20, No. 234.
- Meyer, T.A., Svirsky, M.A., Kirk, K.I. & Miyamoto, R.T. (1997). Speech perception over time in prelingually-deafened children using multichannel cochlear implants versus hearing aids. Association for Research in Otolaryngology Abstracts, 20, No. 313.
- Meyer, T.A., Pisoni, D.B., Luce, P.A. & Bilger, R.C. (1997). Relations between similarity neighborhoods and psychometric measures of spondaic words. Association for Research in Otolaryngology Abstracts, 20, No. 589.
- Miyamoto, R.T., Meyer, T.A., Svirsky, M.A. & Kirk, K.I. (1997). Effects of device, communication mode, and age on speech recognition scores in prelingually-deafened children. 26th Annual World Congress of Otorhinolaryngology - Head & Neck Surgery. Sydney, Australia.
- Svirsky, M.A. & Meyer, T.A. (1997). A mathematical model of vowel perception by adult cochlear implant users who are profoundly postlingually deaf. Department of Audiology and Speech Seminar, Purdue University. West Lafayette, IN.
- Svirsky, M.A., Osberger, M.J., Meyer, T.A. & Kirk, K.I. (1997). Speech perception: A comparison of pediatric Clarion implant users to hearing aid users. Fifth International Cochlear Implant Conference. New York City, NY.
- Meyer, T.A., Svirsky, M.A., Falsafi, S., Gilkey, R.H., Skinner, M.W., Holden, L.K. & Holden, T.A. (1997). Modeling the auditory system: From basic science to clinical utility. 13th Annual

Manion Memorial Lectureship. Department Of Otolaryngology, Indiana University. Indianapolis, IN.

- Meyer, T.A., Falsafi, S., Svirsky, M.A., Skinner, M.W., Holden, L.K. & Holden, T.A. (1997). Modeling vowel and consonant perception in cochlear implantees who use the SPEAK stimulation strategy. 1997 Conference on Implantable Auditory Prostheses. Asilomar, CA.
- Svirsky, M.A., Meyer, T.A., Miyamoto, R.T., & Simmons, P.M. (1997). Implementation of a low-rate CIS Strategy with the Nucleus Cochlear and Auditory Brainstem Implants. Seventh Annual Cochlear Implant Conference. Osaka University Medical School, Department of Otorhinolaryngology. Osaka, Japan.
- Meyer, T.A., Svirsky, M.A., Castor, M.B., Falsafi, S. & Simmons, P.M. (1997). A psychophysically-based model of consonant perception by multi-channel cochlear implant users. Journal of the Acoustical Society of America, 102(5) Pt.2, 3187.
- Meyer, T.A. & Svirsky, M.A. (1998). Predicting speech perception for individual cochlear implant users: Models and psychophysics. Department of Speech & Hearing Science Seminar, Indiana University. Bloomington, IN.
- Meyer, T.A., Svirsky, M.A., Castor, M.B., Falsafi, S. & Miyamoto, R.T. (1998). Predicting consonant perception for individual CI users with a psychophysically-based mathematical model. Association for Research in Otolaryngology Abstracts, 21, No. 273.
- Svirsky, M.A., Meyer, T.A., Basalo, S., Simmons, P.M. & Suárez, H. (1998). Consonant perception with a low-rate CIS strategy in Nucleus-22 cochlear implant and auditory brainstem implant users. Association for Research in Otolaryngology Abstracts, 21, No. 866.
- Pisoni, D.B. & Meyer, T.A. (1998). A computational analysis of the PBK Test: Preliminary findings. Association for Research in Otolaryngology, 21, No. 867.
- Meyer, T.A., Wright, G.A. & Pisoni, D.B. (1998). Lexical analysis of the errors of pediatric CI users on open-set word recognition tests: A first report. Association for Research in Otolaryngology Abstracts, 21, No. 868.
- Meyer, T.A., Pisoni, D.B., Svirsky, M.A., Chin, S.B., Frisch, S.A., Kirk, K.I., Wright, G.A., & Hay-McCutcheon, M. (1998). Spoken word recognition and the structure of the mental lexicon in children who use cochlear implants. Department of Speech & Hearing Science Seminar, University of Illinois. Champaign, IL.
- Meyer, T.A., & Svirsky, M.A. (1998). Individual differences in speech perception with a cochlear implant. 14th Annual Manion Memorial Lectureship, Department Of Otolaryngology, Indiana University. Indianapolis, IN.

- Meyer, T.A. & Svirsky, M.A. (1998). Speech perception by children with the Clarion (CIS) or Nucleus (SPEAK) cochlear implant or hearing aids. Seventh Symposium on Cochlear Implants in Children. Iowa City, IA.
- Meyer, T.A., Frisch, S., Svirsky, M.A., & Pisoni, D.B. (1998). Modeling open-set word recognition by cochlear implant users based on psychophysical measures: A preliminary report. Seventh Symposium on Cochlear Implants in Children. Iowa City, IA.
- Frisch, S., Meyer, T.A., Pisoni, D.B., Svirsky, M.A., & Kirk, K.I. (1998). Using behavioral data to model open-set word recognition and lexical organization by pediatric cochlear implant users. Seventh Symposium on Cochlear Implants in Children. Iowa City, IA.
- Chin, S.B., Meyer, T.A., Hay-McCutcheon, M., Wright, G.A., & Pisoni, D.B. (1998). Understanding the structure of the mental lexicons of children who use cochlear implants. Seventh Symposium on Cochlear Implants in Children. Iowa City, IA.
- Svirsky, M.A. & Meyer, T.A. (1998). A mathematical model of consonant perception in adult cochlear implant users with the SPEAK strategy. Journal of the Acoustical Society of America, 103(5) Pt.2, 2977.
- Meyer, T.A., Svirsky, M.A. & Miyamoto, R.T. (1998). Modeling individual differences and mechanisms of speech perception with a cochlear implant. 102nd Annual Meeting of the American Academy of Otolaryngology-Head and Neck Surgery Foundation. San Antonio, TX.
- Svirsky, M.A., & Meyer, T.A. (1998). Consonant perception with a cochlear implant: Insights from the Multidimensional Phoneme Identification (MPI) Model. 102nd Annual Meeting of the American Academy of Otolaryngology-Head and Neck Surgery Foundation, Centurions of the Deafness Research Foundation Meeting. San Antonio, TX.
- Svirsky, M.A. & Meyer, T.A. (1998). Speech perception and perceptual learning in cochlear implant users: Insights from the multidimensional phoneme identification (MPI) model. Department of Speech & Hearing Science Seminar, Massachusetts Institute of Technology. Cambridge, MA.
- Svirsky, M.A. & Meyer, T.A. (1998). Speech perception and perceptual learning in cochlear implant users: Insights from the multidimensional phoneme identification (MPI) model. Department of Speech & Hearing Science Seminar, Northwestern University. Chicago, IL.
- Bilger, R.C., & Meyer, T.A. (1998). Individual differences and instrumental variation in audiological research. Journal of the Acoustical Society of America, 104(3) Pt.2, 1774.
- Lai, T.T., Svirsky, M.A., Meyer, T.A., Kaiser, A.R., Basalo, S., Suárez, H., Simmons, P.M., & Miyamoto, R.T. (1999). Vowel identification and pitch perception by cochlear implant users. Western Regional Meeting of the American Federation for Medical Research, Carmel, CA.

- Kaiser, A.R., Svirsky, M.A., & Meyer, T.A. (1999). Consonant perception in cochlear implant users: The role of gap duration discrimination. Association for Research in Otolaryngology Abstracts, 22, No. 27.
- Meyer, T.A., Svirsky, M.A., Kaiser, A.R., Simmons, P.M., & Lai, T.T. (1999). Predicting consonant perception with the Multidimensional Phoneme Identification (MPI) model for individual cochlear implant users. Association for Research in Otolaryngology Abstracts, 22, No. 719.
- Svirsky, M.A., Meyer, T.A., Kaiser, A.R., Basalo, S., Silveira, A., Suárez, H., Lai, T.T., & Simmons, P.M. (1999). Learning how to perceive vowels with a cochlear implant: The role of discrimination and labeling. Association for Research in Otolaryngology Abstracts, 22, No. 720.
- Bilger, R.C., & Meyer, T.A. (1999). Patterns of auditory sensitivity in sensorineural hearing loss as function of age and gender. Presented at the annual meeting of the American Auditory Society. Scottsdale, AZ.
- Meyer, T.A., Svirsky, M.A., & Kaiser, A.R. (1999). Modeling consonant recognition for individual cochlear implant users. 15th Annual Manion Memorial Lectureship, Department of Otolaryngology, Indiana University. Indianapolis, IN.
- Kaiser, A.R., Svirsky, M.A., & Meyer, T.A. (1999). The use of gap duration identification in consonant perception by cochlear implant users. 15th Annual Manion Memorial Lectureship, Department of Otolaryngology, Indiana University. Indianapolis, IN.
- Reddy, D.K., Meyer, T.A., & Matt, B.H. (1999). Standardizing the use of polysomnography in adenotonsillectomy patients. 15th Annual Manion Memorial Lectureship, Department of Otolaryngology, Indiana University. Indianapolis, IN.
- Svirsky, M.A., Meyer, T.A., & Kaiser, A.R. (1999). The multidimensional phoneme identification (MPI) model: A theoretical framework to understand speech perception by cochlear implant users. Department of Psychology Seminar, Indiana University. Bloomington, IN.
- Svirsky, M.A., Meyer, T.A., & Kaiser, A.R. (1999). The multidimensional phoneme identification (MPI) model: A theoretical framework to understand speech perception. 1999 Conference on Implantable Auditory Prostheses. Pacific Grove, CA.
- Meyer, T.A., Svirsky, M.A., Frisch, S., Kaiser, A.R., Pisoni, D.B., & Miyamoto, R.T. (1999). Predicting open-set spoken word recognition by individual cochlear implant users from psychophysical performance. 1999 Conference on Implantable Auditory Prostheses. Pacific Grove, CA.
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- Meyer, T.A.. (2002). Understanding word recognition with a cochlear implant. 12th Annual John J. O'Neill Lecture. Department of Speech & Hearing Science. University of Illinois at Urbana-Champaign. Champaign, IL.
- Miyamoto, R.T, Wynne, M.K., Meyer, T.A., Diefendorf, A.O., Bichey, B.G. (2002). Fluctuating and progressive sensorineural hearing loss in children. American Academy of Audiology. Philadelphia, PA.
- Meyer, T.A., Svirsky, M.A., Frisch, S.A., Pisoni, D.B., Neuburger, H.S., & Miyamoto, R.T. (2002). Using performance on psychophysical tasks to predict word recognition by adult cochlear implant users: The final chapter? 18th Annual Lingeman-Manion Memorial Lectureship, Department of Otolaryngology, Indiana University. Indianapolis, IN.
- Meyer, T.A. (2002). Perceptual relations between psychophysics, phonemes, and words for adults with cochlear implants: Past, present and future. 1st Annual Lingeman Memorial Lectureship, Department of Otolaryngology, Indiana University. Indianapolis, IN.
- Meyer, T.A., Rubinstein, J.T., & Hong, R.S. (2003). Effects of high-rate pulse trains on frequency discrimination by cochlear implant users. Association for Research in Otolaryngology Abstracts, 26, No. 288.
- Meyer, T.A. (2003). Cochlear implants: An update. 8th Annual Otolaryngology Update - Society for Otolaryngology Head and Neck Nursing - University of Iowa. Iowa City, IA.
- Meyer, T.A., Rubinstein, J.T., & Hong, R.S. (2003). Effects of high-rate conditioning stimuli on frequency discrimination with cochlear implants. 2003 American Neurotology Society Meeting, COSM. Nashville, TN.

- Meyer, T.A. (2003). Hearing loss and other otologic problems. Invited lecture for local nurse practitioners. Iowa City, IA.
- Meyer, T.A. (2003). Models of open-set word and closed-set phoneme perception for adult cochlear implant users. Department of Otolaryngology. University of Florida. Gainesville, FL. (Otology-Neurotology Interview).
- Meyer, T.A. (2003). Effects of high-rate conditioning on frequency discrimination by cochlear implant users. Division of Otolaryngology. Duke University. Durham, NC. (Otology-Neurotology Interview).
- Meyer, T.A. (2003). Effects of high-rate pulse trains on sinusoidal frequency discrimination with cochlear implants. Department of Otolaryngology. University of California - Irvine. Irvine, CA. (Otology-Neurotology Interview).
- Meyer, T.A. (2003). Models of phoneme and word recognition with cochlear implants. Department of Otolaryngology. University of California - Irvine. Irvine, CA. (Otology-Neurotology Interview).
- Gantz, B.J., Rubinstein, J.T., Carty, P.A., Meyer, T.A. (2003). Management of Small Acoustic Neuromas: Watch and Wait / Surgical Excision. Acoustic Neuroma Meeting - England.
- Meyer, T.A., Rubinstein, J.T., & Hong, R.S. (2003). Does improvement in frequency discrimination with a high-rate conditioner relate to speech perception? 2003 Conference on Implantable Auditory Prostheses. Pacific Grove, CA.
- Rubinstein, J.T., Hong, R.S., & Meyer, T.A. (2003). Conditioning the auditory nerve: perceptual effects. 2003 Conference on Implantable Auditory Prostheses. Pacific Grove, CA.
- Meyer, T.A., Rubinstein, J.T., Chen, H., Chau, F.Y. (2004). Effects of high-rate pulse trains on intensity discrimination by cochlear implant users. Association for Research in Otolaryngology Abstracts, 27, No. 85.
- Meyer, T.A. (2004). Cochlear implants. UIHC 2004 Perianesthesia Nursing Conference. University of Iowa. Iowa City, IA.
- Meyer, T.A., Rubinstein, J.T., Chen, H., Chau, F.Y. (2004). Effects of high-rate conditioners on intensity discrimination by cochlear implant users. 8th International Cochlear Implant Conference, #224, Indianapolis, IN.
- Wilkinson, E.P., Meyer, T.A., & Rubinstein, J.T. (2004). Spontaneous otogenic pneumocephalus managed with the middle fossa approach. 108th Annual Meeting of the American Academy of Otolaryngology-Head and Neck Surgery Foundation, New York, NY.
- Meyer, T.A. (2004). Cochlear implants at MUSC. MUSC Board of Trustees: Committee on Research and Institutional Advancement. Charleston, SC.

- King, J.E., Polak, M., Payne, S., Meyer, T.A., Turick, A., & Hodges, A. (2005). Using Neural Response Telemetry (NRT) to Predict Programming Levels in the Nucleus 24 Cochlear Implant. Association for Research in Otolaryngology Abstracts, 28, No. 231.
- Meyer, T.A., Canty, P.A., Wilkinson, E.P., Hansen, M.R., Rubinstein, J.T., & Gantz, B.J. (2005). Small Acoustic Neuromas: Observation Versus Surgical Excision. 40th Annual Spring Meeting of the American Neurotology Society, COSM. Boca Raton, FL.
- Meyer, T.A., Canty, P.A., Wilkinson, E.P., Hansen, M.R., Rubinstein, J.T., & Gantz, B.J. (2005). Small Acoustic Neuromas: Observation Versus Surgical Excision. To be presented at the 5th Annual Magnolia Conference. Charleston, SC.
- Meyer, T.A. (2005). Cochlear Implants: Surgical Issues. To be presented at the 4th Annual MUSC AVT Conference. Charleston, SC.
- Meyer, T.A., King, J.E., Connell, A.C., Stahlke, J.R., & Lawrence, V.C. (2005). Modeling subject responses in a reproducible noise masking task: preliminary findings with cochlear implant users. To be presented at the 2005 Conference on Implantable Auditory Prostheses. Pacific Grove, CA.
- King, J.E., Meyer, T.A., Blair, P., Cunningham, S., Connell, A.C., & Hodges, A.V. (2005). Using NRT to predict stimulation levels: Pediatric considerations. To be presented at the 2005 Conference on Implantable Auditory Prostheses. Pacific Grove, CA.

STUDENT, RESIDENT, AND FELLOW TEACHING LECTURES:

- Meyer, T.A. (1991). HIV and AIDS: A review. Department Of Speech & Hearing Science. University of Illinois at Urbana-Champaign.
- Meyer, T.A. (1997). Speech perception by children with prelingual profound sensorineural hearing loss who use cochlear implants. Department of Otolaryngology, Indiana University. Indianapolis, IN.
- Meyer, T.A. (1999). HIV in Otolaryngology. Department of Otolaryngology, Indiana University. Indianapolis, IN.
- Meyer, T.A., & Fritsch, M.H. (2000). Treatment of the uncomplicated cholesteatoma. SIPAC Review. Department of Otolaryngology, Indiana University. Indianapolis, IN.
- Fritsch, M.H., & Meyer, T.A. (2000). Treatment of the uncomplicated cholesteatoma: Review and surgical technique. Department of Otolaryngology, Indiana University. Indianapolis, IN.
- Meyer, T.A., & Wynne, M.K. (2000). Anatomy of the human temporal bone. Department of Speech and Hearing Science, Indiana University. Indianapolis, IN.

- Jones, C.T., & Meyer, T.A. (2000). Otosclerosis: Diagnosis and treatment. SIPAC Review. Department of Otolaryngology, Indiana University. Indianapolis, IN.
- Meyer, T.A. (2001). Differential diagnosis of temporal bone lesions. SIPAC Review. Department of Otolaryngology, Indiana University. Indianapolis, IN.
- Meyer, T.A., & Wynne, M.K. (2001). Clinical research methods: I. Department of Otolaryngology, Indiana University. Indianapolis, IN.
- Wynne, M.K., & Meyer, T.A. (2001). Clinical research methods: II. Department of Otolaryngology, Indiana University. Indianapolis, IN.
- Meyer, T.A., & Chand, M.S. (2001). Frontal sinus trauma. Department of Otolaryngology, Indiana University. Indianapolis, IN.
- Meyer, T.A., & Weisberger, E.C. (2001). Sinusitis in the immunocompromized patient. Department of Otolaryngology, Indiana University. Indianapolis, IN.
- Meyer, T.A., Wynne, M.K., & Kaiser, A.R. (2001). Anatomy of the human temporal bone. Department of Speech and Hearing Science, Indiana University. Indianapolis, IN.
- Meyer, T.A., Kaiser, A.R., & Wynne, M.K. (2001). Radiology of the human temporal bone. Department of Speech and Hearing Science, Indiana University. Indianapolis, IN.
- Meyer, T.A. (2002). Otosclerosis: II. Department of Otolaryngology, Indiana University. Indianapolis, IN.
- Meyer, T.A. (2002). Autoimmune sensorineural hearing loss. Department of Otolaryngology, Indiana University. Indianapolis, IN.
- Meyer, T.A. (2002). Acoustic neuroma. Iowa Basic Science Course in Otolaryngology. Department of Otolaryngology, University of Iowa, Iowa City, IA.
- Meyer, T.A. (2002). Otosclerosis. Iowa Basic Science Course in Otolaryngology. Department of Otolaryngology, University of Iowa, Iowa City, IA.
- Meyer, T.A. (2002). Vestibular rehabilitation. Iowa Basic Science Course in Otolaryngology. Department of Otolaryngology, University of Iowa, Iowa City, IA.
- Meyer, T.A. (2002). Sudden and progressive sensorineural hearing loss: Mechanisms and treatment. Iowa Basic Science Course in Otolaryngology. Department of Otolaryngology, University of Iowa, Iowa City, IA.
- Meyer, T.A. (2002-2003). Otology and neurotology: A primer for medical students. Department of Otolaryngology, University of Iowa, Iowa City, IA.

- Meyer, T.A. & Rubinstein, J.T. (2002-2003). Temporal bone dissection laboratory. Department of Otolaryngology, University of Iowa, Iowa City, IA.
- Gantz, B.J. & Meyer, T.A. (2002-2003). Otology rounds. Department of Otolaryngology, University of Iowa, Iowa City, IA.
- Meyer, T.A. (2003). Lasers in otology. XIth Annual Iowa Head and Neck Laser Course. Department of Otolaryngology, University of Iowa, Iowa City, IA.
- Meyer, T.A. (2003). Acoustic neuroma. Iowa Basic Science Course in Otolaryngology. Department of Otolaryngology, University of Iowa, Iowa City, IA.
- Meyer, T.A. (2003). Otosclerosis. Iowa Basic Science Course in Otolaryngology. Department of Otolaryngology, University of Iowa, Iowa City, IA.
- Meyer, T.A. (2003). Vestibular rehabilitation. Iowa Basic Science Course in Otolaryngology. Department of Otolaryngology, University of Iowa, Iowa City, IA.
- Meyer, T.A. (2003). Sudden and progressive sensorineural hearing loss: Mechanisms and treatment. Iowa Basic Science Course in Otolaryngology. Department of Otolaryngology, University of Iowa, Iowa City, IA.
- Meyer, T.A. (2003-2004). Otology and neurotology: A primer for medical students. Department of Otolaryngology, University of Iowa, Iowa City, IA.
- Gantz, B.J. & Meyer, T.A. (2003-2004). Otology rounds. Department of Otolaryngology, University of Iowa, Iowa City, IA.
- Meyer, T.A. & Hansen, M.R. (2003-2004). Temporal bone dissection laboratory. Department of Otolaryngology, University of Iowa, Iowa City, IA.
- Meyer, T.A. (2003). Anatomy, radiology, and otoscopy of the temporal bone. Department of Speech and Hearing Science, Professional Issues in Audiology 1 003:238, University of Iowa, Iowa City, IA.
- Meyer, T.A. (2003). Mechanisms of ototoxicity. Department of Speech and Hearing Science, Professional Issues in Audiology 1 003:238, University of Iowa, Iowa City, IA.
- Meyer, T.A. (2004). Lasers in otology. XIIth Annual Iowa Head and Neck Laser Course. Department of Otolaryngology, University of Iowa, Iowa City, IA.

MUSC TEACHING LECTURES:

Meyer, T.A. (2004). Otoscopy, temporal bone anatomy, and temporal bone radiology. Department of Otolaryngology, MUSC, Charleston, SC.

Meyer, T.A. (2004). Skullbase Lesions. Otolaryngology Grand Rounds. Department of Otolaryngology, MUSC, Charleston, SC.

Meyer, T.A. (2004). Otologic Disorders. Acute and Episodic Conditions Course. Pediatric Nurse Practitioner Program. College of Nursing, MUSC, Charleston, SC.

Meyer, T.A. (2004). Models of Auditory Perception with Cochlear Implants. Department of Communication Sciences and Disorders, USC, Columbia, SC.

Meyer, T.A. (2004). Signal detection in a reproducible noise masking task: A preliminary report. Quarterly Research Meeting. Department of Otolaryngology, MUSC, Charleston, SC.

Meyer, T.A. & Lambert, P.R. (2004-). Otology Journal Club - Monthly Meeting. Department of Otolaryngology, MUSC, Charleston, SC.

Lambert, P.R. & Meyer, T.A. (2004-). Otology Interesting Case Studies - Monthly Meeting. Department of Otolaryngology, MUSC, Charleston, SC.

Meyer, T.A., & Lambert, P.R. (2004-). Temporal bone dissection laboratory. Department of Otolaryngology, MUSC, Charleston, SC.

MUSC COMMUNITY LECTURES:

Meyer, T.A. (2005). Hearing loss. Bishop Gadsden Center. Charleston, SC.

Meyer, T.A. (2005). Cochlear Implants. Columbia, SC.

Meyer, T.A. (2005). Dizziness and Vertigo. Bishop Gadsden Center. Charleston, SC.

Meyer, T.A. (2005). Hearing Loss and Vertigo. East Cooper Community Wellness Program. Charleston, SC.

Meyer, T.A. (2005). Cochlear Implants. Greenville, SC.

Meyer, T.A. (2005). Neurotology. Greenville, SC.

MUSC HEALTH CONNECTION VIDEO EDUCATION PROGRAM:

MUSC Vestibular and Balance Program (2004)

MUSC Cochlear Implant Program: Cochlear Implants in Adults (2005)

MUSC Cochlear Implant Program: Cochlear Implants in Children (2005)