



	Rehabilitative Science, Director, Clinical Hearing Research Center, Director, Psychoacoustics Laboratory, University at Buffalo
Assistant Professor August 1999- June 2001	Department of Communicative Disorders & Sciences, Centers for Hearing & Deafness and Cognitive Science, Program in Rehabilitative Science, Director, Psychoacoustics Laboratory, University at Buffalo
Assistant Professor August 1994- June 1999	Department of Speech & Hearing Sciences and Cognitive Science Program, Director, Psychoacoustics Laboratory, Indiana University
Postdoctoral Associate August 1993 - July 1994	Psychoacoustics Laboratory, Department of Psychology, University of Florida (Sponsor: David M. Green)
Graduate Research Assistant July, 1990 - August 1993	Psychoacoustics Laboratory, Department of Psychology, University of Florida
Research Audiologist January 1990 - July 1990	Division of Otolaryngology, Department of Surgery, University of North Carolina, Chapel Hill
Clinical Fellow/Scientist August 1988 - December 1989	Long Beach Veterans Administration Medical Center, Long Beach California
Research Audiologist May 1988 - July 1988	Division of Otolaryngology, Department of Surgery, University of North Carolina, Chapel Hill
Graduate Research Assistant May 1987 - April 1988	Division of Otolaryngology, Department of Surgery, University of North Carolina, Chapel Hill

**PROFESSIONAL AND ACADEMIC HONORS:**

< 2020 Membership in National Academy of Inventors, USF Chapter

<





39) *Training in Speech, Hearing, and Sensory Communication*

- 4) Isarangura, S., Eddins, A.C., Palandrani, K.N., Stavropoulos, T., Seitz, A., Hoover, E.C., Gallun, F.J., Eddins, D.A. (**In Review**) "Methods for expressing spectral modulation depth and the effects of modulator shape on spectral modulation detection thresholds."
- 5) Hoover, E.C., Bell, K.L., Behrens, T., Eddins, D.A. (**In Review**). "Blinded comparison of premium hearing aids and personal sound amplification products."
- 6) Eddins, D.A., Anand, S., Lang, A., Shrivastav, R. (**2020**). "Developing Clinically Relevant Scales of Breathiness and Rough Voice Quality," *Journal of Voice*. Eddins, D.A., Anand, S., Lang, A., Shrivastav, R. (2020). "Developing Clinically Relevant Scales of Breathiness and Rough Voice Quality," *Journal of Voice*. DOI: 10.1016/j.jvoice.2019.12.021
- 7) Ozmeral, E.J., Hoover, E.C., Gabidon, P., Eddins, D.A. (**2020**). "Development of the Continuous Number Identification Test (CNIT): Feasibility of dynamic assessment of speech intelligibility," *International Journal of Audiology*. <https://doi.org/10.1080/14992027.2020.1718782>.
- 8) Isarangura, S., Palandrani, K.N., Stavropoulos, T., Seitz, A., Hoover, E.C., Gallun, F.J., Eddins, D.A. (**2019**) "Methods for expressing spectral modulation depth and the effects of modulator shape on spectral modulation detection thresholds," *Proceedings of Meetings on Acoustics*, 36, 050003; <https://doi.org/10.1121/2.0001032>.
- 9) Anand, S.A., Kopf, L.M., Shrivastav, R., Eddins, D.A. (**2019**). "Using Pitch Height and Pitch Strength to Characterize Type 1, 2, and 3 Voice Signals," *Journal of Voice*, <https://doi.org/10.1016/j.jvoice.2019.08.006>.
- 10) Isarangura, S., Eddins, A.C., Ozmeral, E.J., Eddins, D.A. (**2019**). "The effects of duration and level on spectral modulation perception." *Journal of Speech-Language-Hearing Research*, *In Press*.
- 11) Hoover, E.C., Kenney, B.N., Bell, K.L., Gallun, F. J., Eddins, D.A. (**2019**). "A comparison of behavioral methods for indexing the auditory processing of temporal fine structure cues," *Journal of Speech-Language-Hearing Research*, Jun 19;62(6):2018-2034. doi: 10.1044/2019\_JSLHR-H-18-0217.
- 12) Ozmeral, E.J., Eddins, A.C., Eddins, D.A. (**2019**). "Electrophysiological responses to lateral shifts are not consistent with opponent-channel processing of interaural level differences," *Journal of Neurophysiology*, 122(2):737-748. doi: 10.1152/jn.00090.2019.
- 13) Kemp, A., Eddins, D.A., Shrivastav, R., Hampton-Wray, A. (**2019**). "Neural processes underlying semantics as correlates of listening effort: An event-related potentials study." *Journal of Speech, Language, Hearing Research* 62, 367-386.
- 14) Ozmeral, E.J., Eddins, A.C., Eddins, D.A. (**2018**). How do age and hearing loss impact spectral envelope perception? *Journal of Speech, Language, and Hearing Research*. doi:10.1044/2018\_JSLHR-H-18-0056
- 15) Anand, S., Kopf, L.M., Shrivastav, R., Eddins, D.A. (**2018**). "Objective indices of perceived vocal strain," *Journal of Voice*.

- 21) Eddins, A.C., & Eddins, D.A. (2017). "Cortical Correlates of Binaural Temporal Processing Deficits in Older Adults," *Ear and Hearing*, May/Jun;39(3):594-604. doi: 10.1097/AUD.0000000000000518.
- 22) Ozmeral, E.J.,

39) Patel, S.A., Shrivastav, R., and Eddins, D.A. (2011



59)

- 18) De Larrea-Mancera, E. S., Stavropoulos, T., Gallun, F., Eddins, D.A., Seitz, A. (2019). "Portable psychoacoustics with passive and active noise-attenuating headphones," Acoustical Society of America, Louisville, KY.
- 19) Ozmeral, E.J., Palandrani, K., Eddins, D.A., Eddins, A.C. (2019). Cortical effects on spatial tuning to speech in background babble," Acoustical Society of America, Louisville, KY.
- 20) Eddins, D.A. (2019). "A Novel Treatment for Hyperacusis,"

Aging & Speech Communication: An International and Interdisciplinary Conference, Tampa, FL

38) Eddins, A.C., Ozmeral, E.J., & Eddins, D.A. (2017



voices-











- 183) Swartz Schroeder, T., Rainey, B. B, Horner, D.G., Lowther, A, Goss, D. A., Eddins, D.A. (1998). "The combined incidence of hearing and vision problems in a first grade population," Association American for Research in Vision and Opthamology.
- 184) Eddins, A.C., Stout, J.C., Eddins, D.A., and Watson, C.S. (1997). Auditory discrimination: A comparison of behavioral estimates and cortical activation measured by positron emission tomography (PET). Society for Neuroscience, 23:1033.
- 185) Eddins, D.A. (1997). "Modified Masking Period Patterns as a function of frequency region and bandwidth," Journal the Acoustical Society of America, 101, 3148.
- 186) Rainey, B. B, Schroeder, T. L., Lowther, A, Horner, D.G., Goss, D. A., Eddins, D.A. (1997

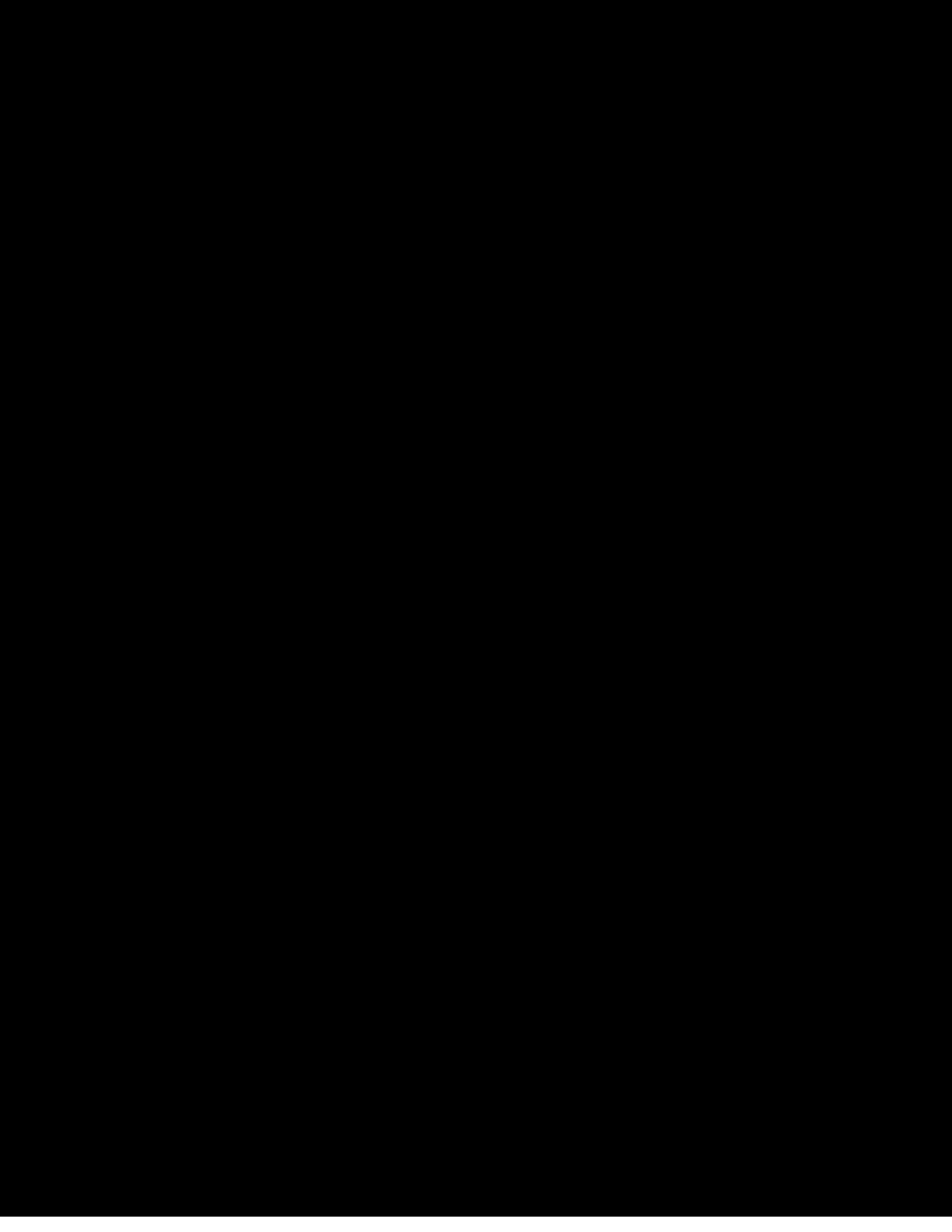
- 6) Eddins, D.A. (2019). "A Novel Treatment for Hyperacusis," American Academy of Audiology, Columbus, OH.
- 7) Eddins, D.A. (2018). "Novel hearing instrument and fitting protocol for treating hyperacusis," Northwestern University, Evanston, IL.
- 8) Eddins, D.A. (2018). "A modern version of old-school CSD: Blending hearing, speech, and voice research," University of Texas-Austin.
- 9) Eddins, D.A. (2018). "Production and perception of Voice: An Overview," Voice Foundation Symposium, Philadelphia, PA.
- 10) Eddins, D.A. (2017). "Efficient measures of temporal fine structure processing," Northwestern University, Evanston, IL.
- 11) Eddins, D.A. (2016). "Waves of the future: Automated and remote audiology service delivery," World Congress of Audiology, Vancouver, British Columbia, Canada.
- 12) Eddins, D.A. (2016). "A novel approach to behavioral assessment in dynamic acoustic environments," Northwestern University, Evanston, IL.
- 13) Eddins, D.A., and Eddins, A.C. (2015). "Emerging therapeutics targeting deficits of presbycusis," Indiana Aging and Speech Conference.
- 14) Eddins, D.A., and Eddins, A.C. (2015). "Auditory Dysfunction and Remediation Associated with Everyday Listening of Older Adults," Canadian Academy of Audiology.
- 15) Eddins, D. A. (2015). "Learning about pitch strength, pitch height, and vocal breathiness," Northwestern University, Evanston, IL.
- 16) Eddins, D. A. (2015). "Auditory perception, psychophysics, and voice," Voice Foundation Symposium.
- 17) Eddins, D. A., and Eddins, A.C. (2014). Changes in central auditory processing with age-related hearing loss, Journal of the Acoustical Society of America, 135. Invited Session.
- 18) Eddins, D.A., Eddins, A.C. (2014). Presbycusis: Emerging solutions to old probl re00030029005200580051

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## **RESIDENT/POST-DOCTORAL ASSOCIATES SUPERVISED**

- 1) Chang Liu, UB, Communicative Disorders and Sciences
- 2) Itzel Orduna, UB Communicative Disorders and Sciences
- 3) Patricia Guimaraes, UR, Otolaryngology
- 4) Robert C. Nutt, UR, RIT, NTID
- 5) U-Cheng Leong, UR, Otolaryngology
- 6) Chandler Marietta, UR, Otolaryngology
- 7) Owen Brimijoin, UR, Otolaryngology
- 8) Erol J. Ozmeral, USF Communication Sciences & Disorders
- 9) Eric C. Hoover, USF Communication Sciences & Disorders
- 10) Hannah Brotherton, USF Communication Sciences & Disorders
- 11) Paul Reinhart, USF Communication Sciences & Disorders
- 12) Anusha Yellamsetty, USF Communication Sciences & Disorders

## **SERVICE**

### **Professional/Public Service**

- < Guest Editor, Ear and Hearing, 2019
- < Guest Editor, Associate Editor for Special Issues, Journal of Speech, Language, Hearing Science (2019 – present)
- < Associate Editor for Special Issues, Journal of Speech, Language, Hearing Science (2018 – 2019)
- < Member, Perception & Physiology Technical Committee, Acoustical Society of America (2019-2022)
- < President, Acoustical Society of America, Florida Chapter (2015 – present)
- < Ad-hoc member, NIH CDRC Review Panel (2015 – 2018)
- < Ad-hoc Reviewer, NIH NIDCD, NIH NIGMS.
- < Editorial Consultant:
  - Journal of the Acoustical Society of America
  - International Journal of Audiology
  - Neurobiology of Aging
  - Hearing Research
  - Journal of Speech and Hearing Research
  - Journal of Auditory Research
  - Ear and Hearing
  - Academic Press
  - Delmar-Thomson Learning
  - Oxford University Press
  - American Journal of Audiology
  - PLOS One
- < Board of Advisors, Hearing Loss Association of America (HLAA), Rochester, NY Chapter (2009/2010)
- < Member, Research and Scientific Affairs Committee, American Speech-Language-Hearing Association. (2005 - 2008)
- < Guest Editor, Journal of Speech-Language-Hearing Research (2001-2002)
- < Member, Technical Committee in Hearing Science, American Speech-Language-Hearing Association (1997-1999, 2001)
- < Member, Technical Committee, Perception and Physiology, Acoustical Society of America (1997-2000, 2003-present)
- < Session Chair, “Gamma Band Auditory Evoked Potential (GBP) in Normal Subjects,” ASHA Convention (October, 1995).



- < Session Chair, "Effects of OME on the Development of Basic Auditory Perception," ASHA Convention (October, 1995).
- < Session Chair, "Psychological and Physiological Acoustics: Psychological and Physiological Acoustics Posters," Third joint meeting of the Acoustical Society of America and the Acoustical Society of Japan, Honolulu, HI (October, 1996)
- < Judge, 1997 Intel International Science and Engineering Fair, Louisville, Ky. Represented the Acoustical Society of America.

### **University Service**

#### **UB**

- Member, University at Buffalo Faculty Senate (2000 – 2005)
- Member, UB CASET Node Advisory Group
- Member, UB Academic Freedom Committee
- Member, UB ETC Advisory Board
- Au.D. Academic Advisor UB
- Faculty Advisor UB, Student Association for Speech and Hearing (SASH)
- UB CDS Department Information Director
- Thesis Committees
  - Eva Bero
  - Aniket Saoji
  - Ross Harwell
  - Mohamed El-Badry
  - Edward Lobarinas
  - U-Cheng Leong
  - Jinyu Qian
  - Christina Babian
  - Jacki Smith
  - Kristen Schroeder
  - Leanne Cleveland
  - Jennifer Dytche
  - Christina Carlson
  - Margaret Hartner

#### **IU**

- Undergraduate Advisor (1994-1997)
- Member, Undergraduate Team, Department of Speech & Hearing Science (1997-1999)
- Coordinator, GradPact Program
- Coordinated development of Undergraduate Assessment Examination
- Member, Teaching Evaluation Committee, Designed department student teaching evaluation form
- Comprehensive Examination Reader
- Gateway Examination Examiner
- Directed WWW Development project for NSSLHA
- Thesis Committees
  - S. Godar, Chair, Department of Speech and Hearing Sciences
  - L. Chang, Department of Speech and Hearing Sciences
  - W. Drennan, Department of Speech and Hearing Sciences
  - R. Shrivastav, Department of Speech and Hearing Sciences
  - K. Moran, Department of Speech and Hearing Sciences
  - T. Cosgrove, Department of Speech and Hearing Sciences
  - B. Nelson, Department of Biology

#### **UR**

- Always Better, Fall, 2006, University of Rochester

#### **USF**

- CSD Professor & Chair Search Committee (Chair)
- Research Strategic Planning Committee
- CBCS Research Faculty Tenure & Promotion Committee
- Faculty Senate
- Academic Advising
- Doctoral Committee
- CBCS Dean Search Committee
- CBCS Associate Dean for Research Search Committee
- CSD Faculty Search Committees
- Audiology Program Committee
- CSD Web Developer
- Audiology Admissions Committee
- Audiology Equipment Committee
- Chair, Department Chair Search Committee
- Associate Director, Global Center for Hearing & Speech Research
- Director, Auditory & Speech Sciences Laboratory

### **Community Service**

- Instructor, USF Osher Lifelong Learning Institute, "Hearing Technology and Aging", Fall, 2019.
- Instructor, USF Osher Lifelong Learning Institute, "Hearing Technology and Aging", Summer, 2019.
- Board of Directors, Hearing Loss Association of America, Rochester, NY Chapter.
- Board of Directors, Hearing Loss Association of America, Rochester, NY Chapter.
- Audiology Clinic Supervisor, Hearing Screening Program at UB Wellness Day (March, 2003)
- Audiology Clinic Supervisor, On-Track Hearing Screening Program sponsored by Monroe County, Indiana.
- Audiology Clinic Supervisor, Hearing Screening Program sponsored by Edgewood Early Childhood Center
- Audiology Clinic Supervisor, Hearing Screening Program sponsored by Indiana University NSSLHA.