

Teralandur K. Parthasarathy, Ph.D., CCC-A., FAAA

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tpartha@siue.edu; 618-650-3676 (Office); Founders Hall/1334

EDUCATION

University of Texas at Dallas-Dallas, Texas
Doctor of Philosophy-Audiology
(1982-1987)

University of Salford-Salford, England
Master of Science-Audiology
(1978-1980)

University of Mysore-Mysore, India
Bachelor of Science-Speech Pathology and Audiology
(1972-1976)

PROFESSIONAL EXPERIENCE

Professor
Southern Illinois University Edwardsville
Edwardsville, Illinois 62026
(2001-present)

Associate Professor
Southern Illinois University Edwardsville
Edwardsville, Illinois 62026
(1994-2001)

Assistant Professor
Southern Illinois University at Edwardsville
Edwardsville, Illinois 62026
(1987-1989; 1990 to 1994)

Assistant Professor
St. John's University
Jamaica, NY 11439
(1989-1990)

Director of Audiology
Jayne Shover Easter Seal Rehabilitation Center
Elgin, Illinois 60120
(1980-1982)

Junior Speech Pathologist and Audiologist
Speech and Hearing Center
Bangalore, India 570006
(1976-1978)

PEER REVIEWED RESEARCH PUBLICATIONS, RESEARCH, MANUSCRIPT & BOOK IN PROGRESS

Research Publications

Parthasarathy, T.K. and Gita J. Malur (2004): Otitis Media: Diagnosis and Management. Book Chapter in *Aural Rehabilitation of People with Disabilities, Chapter 6: 131-149. Academic Press.*

Parthasarathy, T.K. Bhat, V. and Malur, G (2003). Otitis Media: A primer on diagnosis and management. *The Hearing Journal* 56 (6):42-48.

Parthasarathy, T.K. and Klostermann, B. (2001). Similarities and Differences in Distortion Product Otoacoustic Emissions Among Four FDA approved Devices. *Journal of American Academy of Audiology* 12: 397-405.

Parthasarathy, T.K. (2001). Aging and Contralateral Suppression Effects on Transient Evoked Otoacoustic Emissions. *Journal of American Academy of Audiology* 12:80-85.

Parthasarathy, T.K. (2000). In Measuring Transient Evoked Otoacoustic Emissions in Adults, is Age a Factor? *The Hearing Journal* 53(8):40-46.

Parthasarathy, T.K. (2000). Electrophysiologic Assessment of CAPD: A Review of the Basics. *The Hearing Journal* 53(4):52-60.

Parthasarathy, T.K., Borgsmiller, P. and Cohan, B.(1998). Effects of Repetition Rate, Phase and Frequency on the Auditory Brainstem Response in Newborn Neonates and Adults. *Journal of American Academy of Audiology* 9: 134-140.

Parthasarathy, T.K. and Moushegian, G. (1993). Rate, Frequency, and Intensity Effects on Early Auditory Evoked Potentials and Binaural Interaction Component in Humans. *Journal of the American Academy of Audiology* 4:229-237.

Book Publication:

Parthasarathy, T.K. (2006). **An introduction to Auditory Processing disorders in Children.** Erlbaum Lawrence Publishing.

PEER REVIEWED PLATFORM PRESENTATIONS

Accepted Presentations (National and International):

Parthasarathy, T.K. (2006). *Contralateral Suppression of Otoacoustic Emissions in normal and APD children.* American Academy of Audiology Convention, Denver, Colorado.

Popelka, G.R., Causevic, E., Karzon, R.K. and Parthasarathy, T.K. (2001). Measurement Principles for Neonatal Auditory Screening. *American Academy of Audiology Convention, San Diego, California.*

Parthasarathy, T.K. (2001). Assessment and Management of Auditory Processing Disorders: *Nebraska Speech and Hearing Association Convention, Kearny, NE.*

Parthasarathy, T.K. (2000). Aging and Contralateral Suppression Effects on Transient Evoked Otoacoustic Emissions. *American Auditory Society Convention, Scottsdale, AZ.*

Parthasarathy, T.K. (1997). Aging and Contralateral Suppression Effects on Transient Otoacoustic Emissions. *American Speech-Language-Hearing Association Convention, Boston, MA.*

Parthasarathy, T.K., Borgsmiller, P. and Cohan, B.(1995). Effects of Repetition Rate, Phase and Frequency on the Auditory Brainstem Response in Newborn Neonates and Adults. *International Acoustical Society of America-130th fall Convention, St.Louis, Missouri.*

Parthasarathy, T.K. (1993). Effects of Rate, Phase, and Sex on the Auditory Brainstem Response in Normal Hearing Subjects. *Acoustical Society of America-126th fall meeting, Denver, Colorado.*

Parthasarathy, T.K. and Riaz, K. (1992). Effects of Stimulus Repetition Rate and Phase on the Auditory Brainstem Response in Normal Hearing Subjects. *American Academy of Clinical Neurophysiology-7th Annual meeting, Chicago, Illinois.*

Parthasarathy, T.K. (1991). Rate and Intensity Effects on the Binaural Interaction Component in Normal and Hearing Impaired Subjects. *Acoustical Society of America-122nd fall meeting, Houston, Texas.*

Moushegian, G. and Parthasarathy, T.K. (1989). Binaural Level and Time Difference Effects on Brainstem Evoked Responses. *2nd World Congress of Neuroscience, Budapest.*

Parthasarathy, T.K. and Moushegian, G. (1988). Frequency, Rate, and Intensity Effects on Brainstem Binaural Interaction Component. *Illinois Speech and Hearing Association Convention*, Chicago, Illinois.

Parthasarathy, T.K. and Moushegian, G. (1987). The Duplex Nature of the Brainstem Binaural Interaction Component. *Acoustical Society of America-112th spring meeting*, Indianapolis, Indiana.

Parthasarathy, T.K. and Moushegian, G. (1986). Rate and Frequency Effects on Binaural Interaction Responses. *Acoustical Society of America-111th spring meeting*, Cleveland, Ohio.

Accepted Presentations (State)

Parthasarathy, T.K. (1997). Frequency, Rate and Intensity Effects on Binaural Interaction Component in Human Subjects. *Missouri Speech-Language-Hearing Association Convention, St.Louis, Missouri.*

Parthasarathy, T.K. (1997). Effects of Repetition Rate, Phase and Frequency on the Auditory Brainstem Response in Neonates and Adults. *Missouri Speech-Language-Hearing Association Convention, St. Louis, Missouri.*

Parthasarathy, T.K. (1994). An Overview of the Auditory Evoked Potentials in Difficult-to-test Population. *Special Population Institute Convention. Effingham, Illinois.*

Funded Grants

2002 Electronystagmography for Balance Assessment
Funded by Excellence in Undergraduate Education Award
Planning Council of the Faculty Senate and the Office
of the Provost and Vice Chancellor for Academic Affairs
Southern Illinois University at Edwardsville (**\$8,760**)

2001 The Computerized Hearing Aid Analyzer
Funded by Excellence in Undergraduate Education Award
Planning Council of the Faculty Senate and the Office
of the Provost and Vice Chancellor for Academic Affairs
Southern Illinois University at Edwardsville (**\$5,300**)

2002 Clinical Validation of a Portable Audioscreener for Hearing Assessment
Funded by The Everest Company, St. Louis, MO (\$13,830).

2001 Clinical Validation of a Portable Audioscreener for Hearing Assessment
Funded by The Everest Company, St. Louis, MO (\$13,830).

2000 Clinical Validation of a Portable Audioscreener for Hearing Assessment
Funded by The Everest Company, St. Louis, MO (\$13,830).

2000 The Portable Evoked Otoacoustic Emissions
Funded by Excellence in Undergraduate Education Award
Planning Council of the Faculty Senate and the Office
of the Provost and Vice Chancellor for Academic Affairs
Southern Illinois University at Edwardsville (**\$5,495**)

2000 Development of Prototype Otoacoustic Emissions Device for Hearing Assessment
National Institute of Health
Research Consultant with Dr. Gerald Popelka, Washington University
Medical School, St. Louis, MO and The Everest Company, St.Louis, MO (**\$500,000**)

1999 The Video Otoscope
Funded by Excellence in Undergraduate Education Award
Planning Council of the Faculty Senate and the Office
of the Provost and Vice Chancellor for Academic Affairs
Southern Illinois University at Edwardsville (**\$4,000**)

- 1998 Development of Portable Instrument for Measuring Evoked Otoacoustic Emissions**
George Engel and Parthasarathy, T.K.
Funded University Research (FUR)
Southern Illinois University at Edwardsville (\$6,575)
- 1998 Funding to Support Faculty Developed Web-delivered Courses (Basic Audiometry-SPPA 461)**
Dennis Hostetler and Parthasarathy, T.K.
Funded by Excellence in Graduate Education (EGE)
Southern Illinois University at Edwardsville (\$10,000)
- 1995 The Programmable Hearing Simulator**
Funded by Excellence in Undergraduate Education Award
Planning Council of the Faculty Senate and the Office of the Provost and Vice Chancellor for Academic Affairs
Southern Illinois University at Edwardsville (\$6,800)
- 1994 Otoacoustic Emissions for Hearing Assessment**
Funded by Excellence in Undergraduate Education Award
Planning Council of the Faculty Senate and the Office of the Provost and Vice Chancellor for Academic Affairs
Southern Illinois University at Edwardsville (\$11,900)
- 1993 Auditory Brainstem Response Audiometry for Hearing Assessment**
Planning Council of the Faculty Senate and the Office of the Provost and Vice Chancellor for Academic Affairs
Southern Illinois University at Edwardsville (\$13,700)
- 1993 Effect of Stimulus Repetition Rate and Phase on ABR in Normal and Multiple Sclerosis Subjects (\$6,020)**
Funded University Research Award
Planning Council of the Faculty Senate and the Office of the Provost and Vice Chancellor for Academic Affairs
Southern Illinois University at Edwardsville
- 1992 Acoustic Impedance Audiometry for Hearing Assessment**
Planning Council of the Faculty Senate and the Office of the Provost and Vice Chancellor for Academic Affairs
Southern Illinois University at Edwardsville (\$8,000)
- 1990 Microtympanometry for Middle Ear Assessment**
Office of Research and Projects
Research Projects Advisory Board
Southern Illinois University at Edwardsville
- 1990 Comparison of Threshold Estimates Using ABR and MLR in Normal and Hearing Impaired Subjects.**
University Recognized Research (URR) Award
Southern Illinois University at Edwardsville

Submitted Grants

- 1999 Effects of Competing Noise on the Speech Perceptual Skills of Native and Non-native English Speaking Children**
Funded University Research Award
Southern Illinois University at Edwardsville (\$6,075)
- 1999 On-line Course Development: Sppa 503 and Sppa 461**
Funded University Research Award
Southern Illinois University at Edwardsville (\$4,000)

- 1998 Mini-grant Application for Distance Learning-Sppa 461**
*Regional Center for Distance Learning
and Multimedia Development*
Southern Illinois University at Carbondale (\$1,000)
- 1998 Application of Technology Advances and Problem Based Learning
in Speech and Hearing Laboratory Curriculum**
National Science Foundation
Consultant with Dr. Marlene Salas-Provance and Dr. Fran Tucker (**\$189,966**)
- 1997 Age and Suppression Effects on Transient Evoked Otoacoustic Emissions**
Funded University Research Award
Southern Illinois University at Edwardsville (**\$6,075**)
- 1992 A Developmental Study of Stimulus Repetition Rate, Phase and Frequency
on ABR in Newborn Neonates and adults**
Deafness Research Foundation (**\$4,000**)
- 1992 A Developmental Study of Stimulus Repetition Rate, Phase and Frequency
on ABR in Newborn Neonates and adults**
American Speech-Language-Hearing Foundation (**\$2,000**)

Professional Affiliations, Audiology Certification and Licensure

American Speech-Language-Hearing Association
American Academy of Audiology
Illinois Academy of Audiology
Illinois Speech-Language-Hearing Association
Missouri Speech-Language-Hearing Associations
Missouri Academy of Audiology
Publication Committee, American Academy of Audiology

Marital Status: Married

DOB: 11/06/1956

Place of Birth: Mysore, Karnataka, India