

## VITA

Patricia Highley M.S. CCC-A

### EDUCATION AND CREDENTIALS

M.S. University of Arkansas at Little Rock  
University of Arkansas for Medical Sciences, 1983

B.S. University of Arkansas at Little Rock, 1973

Certificate of Clinical Competence/Audiology since 1984  
Arkansas License in Audiology since 1984

### SCHOLARSHIPS AND AWARDS

Alpha Eta, UAMS, 1991  
Phi Kappa Phi Honor Society, 1982  
Department of Education Grant, 1981

### PROFESSIONAL EXPERIENCE

1985-present  
Instructor, UALR/UAMS, Department of Audiology and Speech Pathology

1991-present  
Audiologist/PRN, Arkansas Children's Hospital

1994-present  
Instructor, College of Medicine, Department of Pediatrics,  
University of Arkansas for Medical Sciences

1999-2001  
SKI-HI Parent Advisor

1996-2001

Instructor, College of Medicine, Department of Otolaryngology  
University of Arkansas for Medical Sciences

1992-2001

Audiologist, Department of Audiology, University of Arkansas for Medical  
Sciences

1984-1992

Clinical Audiologist, The Ear, Nose, and Throat Clinic  
Little Rock, Arkansas

1982-1983

Audiology Trainee, Veteran's Hospital

Course Taught:

Undergraduate – Audiology

Hearing Science

Auditory Training and Speechreading

Faculty Participant – Introduction to Speech and Hearing  
Disorders

Graduate – Aural Rehabilitation – Children

Aural Rehabilitation - Adults

Amplification

Counseling

Faculty Participant, U.A.P. Interdisciplinary Course

PROFESSIONAL AFFILIATION

1986 – Present American Speech, Language & Hearing Association (ASHA)

1986 – Present Arkansas Speech, Language & Hearing Association (ArkSHA)

COMMITTEE WORK

#### State Committees

- 1991-1993 Membership Committee, ArkSHA
- 1995-1996 Central Auditory Processing Committee, ArkSHA

#### University Committees

- 1988-1990 C.H.R.P.College Alumni Relations Committee
- 1994-present Clinic Committee, University Affiliated Programs

#### Departmental Committees

- 2009 Financial Aid Committee - Chair
- 2006 - 2008 Financial Aid Committee - Audiology
- 2006 Search Committee – Speech Pathology
- 1999-2008 Search Committee - Audiology
- 1995-2000 Short-Term Planning Committee
- 2002-present Undergraduate Curriculum Committee
- 1985-present UALR/UAMS Clinic Committee
- 1987-2007 Grand Rounds Committee

#### Departmental Service

- 2004-present Coordinator of AAHIC Hearing Aid Loaner Bank
- 2004-present Coordinator of AAHIC Assistive Listening Device Center
- 1989-1995 Coordinator of Sertoma Hearing Aid Bank

#### PROFESSIONAL SERVICE

- 2007-2009 Arkansas Dept. of Education Task Force for Module Development for ParaProfessional Training in Low-Incidence Disabilities
- 1998-2000 Arkansas Task Force on Early Identification and Amplification
- 1990-1994 Board Member, Arkansas Association for Hearing Impaired Children

#### PUBLICATIONS

Smith-Olinde L, Nicholson N, Chivers C, Highley P. & Williams DK (2006) Test-Retest Reliability of In-Situ Thresholds and Their Relationship to Pure-tone Thresholds in Adult. *American Journal of Audiology*, 15 (1), 1-6.

Smith, B., Dancer, J., Highley, P., Montague, J., (1999), Thrill or Threat? The Sound of movies, *The Hearing Review* 6, 50-54.

Baker, N., Dancer, J., Gentry, B., & Highley, P. (1997). Deaf adolescents' Knowledge of AIDS: Grade and gender effects *American Annals of the Deaf*, 142, (5),368-372.

## PRESENTATIONS

Department of Education Paraprofessional Module presentation at AETN, 6/28 and 6/29/2009.

Smith-Olinde L, Nicholson N, Chivers C, Highley P. (2006), Widex Pediatric Congress, Test-Retest & Relationship of In-Situ Audiometric Thresholds in Adults, Poster, *Widex Pediatric Congress*, Ottawa, Canada.

“The Role of Audiology with Children with Special Health Care Needs”, College of Public Health, Children with Special Health Care Needs Course PBHL 5453, 3/15/06 (invited).

Smith-Olinde L, Nicholson N, Chivers C, Highley P. (2005). Test-Retest & Relationship of In-Situ to Audiometric Thresholds in Adults. *Annual Meeting, American Speech-Language-Hearing Association*, San Diego, CA.

Wallis C, Nicholson N, Smith-Olinde L, Williams DK, Highley P. (2004). Test-retest reliability of the SP3 and the relationship of the sensogram to puretone thresholds. *Annual Meeting, Arkansas Speech-Language Hearing Association*, Hot Springs, AR.

Humphrey H, Keiser H, Weatherton M, Smith-Olinde L, Highley, P (1999). Comparison of RECD in full-term and premature infants under six months of age. Research Poster, *Annual Meeting, Arkansas Speech-Language-Hearing Association*, Hot Springs, AR.

“The Role of Audiology with Children with Special Health Care Needs”, College of Public Health, Children with Special Health Care Needs Course PBHL 5453, 3/3/04 and 3/14/05 (invited).

“Noise-Induced Hearing Loss”, Arkansas Court Reporter Convention, 10/17/03

“Central Auditory Processing Across The Lifespan”, Co-presenter, with Dr. Elisa Huff and Martha Alman M.S. CCC-SPL, Arkansas Children’s Hospital, 12/4/99 (invited).

“When Hoofbeats Mean Zebras, not Horses”, Arkansas Speech and Hearing Convention, Hot Springs, Arkansas, 1997, panel member. (invited).

“ The Effects on Perceptual Judgement of Cross-Over Frequency Setting in a Two-Channel Compression Amplification Device”, American Academy of Audiology Convention, Salt Lake City, Utah, 1996 (with Rhonda Fleener and Mark Weatherton), poster session

Update on Committee Work for the ArkSHA Committee on Central Auditory Processing Committee, Arkansas Speech and Hearing Convention, Hot Springs, Arkansas, 1995, panel member.

“The Effects of Release Time on the Perceived Sound Quality of Speech Utilizing a Two Channel Compression Amplification Device”, American Academy of Audiology Convention, Dallas, Texas, 1995 (with Mary Guiffria, Mark Weatherton, and Hope Keiser), poster session.

“An Investigation into the Effects of Interstimulus Interval on the Mismatch Negativity Auditory Evoked Potential”, American Academy of Audiology Convention, Dallas, Texas, 1995 (with Clay Mainord, Mark Weatherton, and Hope Keiser), poster session.

“A Comparison of Three Methods of Measuring the SP/AP Ratio and an Evaluation of Selected Parameter Effects in Normal Listeners with the TM Electrode in Electrocochleography”, American Academy of Audiology Convention, Denver, CO, 1991 (with J.Cox-Pultro, C. Henderson, and H. Keiser).

“ Comparison of Three Methods of EcochG Measurement of SP/AP Ratios”, Arkansas Speech and Hearing Association Convention, Hot Springs, AR 1991 (with J.Cox-Pultro, C. Henderson, and H. Keiser).

“Evaluating Auditory Processing Abilities in Children with Emotional/Behavior Disorders”, Arkansas Speech and Hearing Association Convention, Hot Springs, AR. 1991 (with S. Rogers, H. Keiser, and M. Hemphill).

STUDENT DIRECTED RESEARCH (DIRECTOR)

The Reliability of Insert Earphones versus Supra-Aural Headphones on Daily Biological Checks, Katy Perkins, 2003

STUDENT DIRECTED RESEARCH (THESIS COMMITTEE MEMBER)

Test-Retest and Relationship of In-Situ to Audiometric Thresholds In Adults, C. Chivers, 2005

Speech Perception in Noise of ESL Listeners, Minji Shim, 2003

The Effects of Caffeine on Pure Tone Air Conduction and Distortion Product Otoacoustic Emissions, Amy Breaux, 2000.

The Effects of Aerobic Exercise on Speech Discrimination Ability and Distortion Product Otoacoustic Emissions of Young Females With Normal Hearing Sensitivity, Courtney Brady, 1999.

A Comparison of Protocols for Removing Cerumen from Hearing Aids and Their Effects on Hearing Aid Performance, Michelle Carey, 1999.

Real-Ear to Coupler Differences In Zero to Twelve Month Old Infants, Stacy Helmert, 1998.

Sound Bore Obstruction, Angie Waggoner, 1996.

The Mismatch Negativity Auditory Evoked Potential In Normal Children And Children With Attention Deficit Disorders, Loree Patterson, 1996.

The Effects on Perceptual Judgement of Cross-Over Frequency Settings in a Two Channel Compression Amplification Device, Rhonda Fleener, 1995.

A Comparison of Prescriptive Fitting Protocols Utilizing the Multi-Focus Hearing Aid, Amin Musani, 1995.

An Investigation Into The Effects of Interstimulus Interval on the Mismatch Negativity Evoked Potential, Clay Mainord, 1994.

A Comparison of Wearers Use Gain Setting of K-AMP ITE Hearing Aids with Target Curves Prescribed by Seven Coupler Formulae, Sam Kelso, 1994.

The Effects of Release Time on the Perceived Sound Quality of Speech Utilizing A Two-Channel Compression Amplification Device, Mary Giuffria, 1994.

Electro-acoustical and Real Ear Characteristics of Mild Gain F.M. Systems on Normal Hearing Individuals, Shelli Carson, 1994.

A Comparative Study of Methods for Selecting Assistive Listening Devices for The Hearing Impaired: Users and Non-Users of Hearing Aids, Tonya Espejo, 1994.

An Investigation of the Influences of Listener Age on the Mismatch Negativity Auditory Evoked Potential, Judith Alpuente, 1993.

An Investigation of Word Recognition Score Prediction in Persons with Presbycusis, Penny Walker, 1992.

A Comparison of Four Measures of Central Auditory Processing in Children With Behavior Disorders, Sue Rogers, 1991.

The Use of Probe Tube Microphone Measurements to Study the Effects of Earmold characteristics in Children versus Adults, Kris Owen, 1991.

A Comparison of Three Methods of Measuring the SP/SP Ratio and An Evaluation of Selected Parameter Effects in Normal Listeners with T.M. Electrode in Electrocochleography, Jayme Cox-Pultro, 1990.

A Comparison of Learning Modality Preference in Hearing Impaired and Normal Hearing Children, Vicki Hamilton, 1988.