

## **CURRICULUM VITAE: LINDA KOZMA-SPYTEK**

### **EDUCATION**

B.S., 1981, Speech and Hearing Science-Education of the Deaf, Washington University,  
Central Institute for the Deaf, St. Louis, MO  
M.A., 1989, Communication Sciences, Washington University, Central Institute for the Deaf,  
St. Louis, MO  
Graduate Studies in Audiology, 2000-2005, The Graduate School and University Center of  
The City University of New York, New York, NY

### **PROFESSIONAL EXPERIENCE**

Gallaudet University, Technology Access Program, Washington, D.C.:  
1998-present Research Audiologist, RERC on Telecommunications Access and  
RERC on Hearing Enhancement  
Project Directors: Dr. J. Harkins and Dr. M. Bakke  
1999-2001, Consultant, Gallaudet University Priority Area Research Grant: Auditory Self-  
Monitoring during Speech Articulation by Hearing Aid and Cochlear Implant Users  
Project Director: Dr. D. Barac-Cikoja

University of Maryland Medical System, Department of Surgery, Division of Otolaryngology –  
Head and Neck Surgery, Baltimore, MD:  
1996-1998, Audiologist (CFY/CCC-A), Cochlear Implant Program  
Program Director: Dr. D. Mattox

Gallaudet University, Center for Auditory and Speech Sciences, Washington, D.C.:  
1990-1995, Research Associate, Perception of Complex Auditory Stimuli  
1988-1990, Research Assistant, Perception of Complex Auditory Stimuli  
Project Director: Dr. S. Revoile

Manhattan Eye, Ear and Throat Hospital, Children's Hearing Institute, Cochlear Implant Center, New  
York, NY:  
1992-1995, Educational Consultant  
Center Director: Dr. P. Chute

1986-1994 and 1997, Private Support Teacher and Aural Rehabilitationist for deaf children and adults

The Graduate School and University Center of The City University of New York, New York, NY:  
1992-1993, Graduate Research Assistant, Efficacy of Cochlear Implants in Children  
Project Director: Dr. A. Boothroyd

Central Institute for the Deaf, St. Louis, MO:  
1986-1988, Graduate Research Assistant, Basic and Applied Studies in Tactile Perception  
Project Director: Dr. J. Weisenberger  
Summer 1986, Clinical Examiner, Literacy and Hearing-Impaired Children  
Project Directors: Dr. A. Geers and J. Moog  
Summer 1982, 1983, and 1985, Tutor  
1982-1986, Supervising Teacher, Teacher Training Program  
1981-1983, Director, Independent Learning Center  
1981-1986 and 1988, Teacher

## **CLINICAL PRACTICUM EXPERIENCE AND TRAINING: Audiology**

Department of Speech Pathology and Audiology, Veterans Affairs Medical Center, Washington, D.C.,  
Supervisors: Dr. J. Schafer and Dr. G. Schuchman

Auditory Evoked Potential Labs, R. F. Kennedy Center, Albert Einstein College of Medicine, Bronx, NY,  
Supervisors: Dr. D. Stapells and Dr. M. Oates

Manhattan Eye, Ear and Throat Hospital, Cochlear Implant Center, New York, NY,  
Supervisor: Dr. P. Chute

Nucleus 22 Channel Cochlear Implant System Conference and Practicum for Audiologists (1996)

Bruel & Kjaer's Electroacoustic Measurements on Telephones: Fundamentals, Applications and  
Advanced Topics (1999)

## **CERTIFICATIONS AND AFFILIATIONS**

Member: Advisory Board; HealthyHearing.com

Member: Review and Advisory Boards; AudiologyOnline.com

Invited Liaison: ATIS HAC Incubator, Co-Chair: Working Group 11: Volume Control and Telecoil

Member: American Speech-Language-Hearing Association

Certificate of Clinical Competence in Audiology – 1997-present

Council on Education of the Deaf Certificate (Provisional 1982-1992/Professional 1993-2003)

Missouri Life Teacher's Certificate (Deaf/Hard of Hearing, K-12)

## **SERVICE**

Mentor: student research; Department of Hearing, Speech and Language, Gallaudet University – 1998-present

Member: Advisory Committee for the Cochlear Implant Supplement to the Annual Survey of Deaf and  
Hard-of-Hearing Children & Youth, Gallaudet Graduate Research Institute – 1998-1999

Member: Cochlear Implant Task Force for the Cochlear Implant Education Center, Laurent Clerc  
National Deaf Education Center, Gallaudet University – 1999-2000

## **HONORS**

2007, Certificate of Appreciation from the Telecommunications Industry Association for contributions  
made to the development of TIA-1083.

2005, Special Friend of Hard of Hearing People Award from Self Help for Hard of Hearing People, Inc.  
1992-1993, University Fellowship, The Graduate School and University Center of CUNY

1986, Excellence in Education Award, Central Institute for the Deaf

1981, High Honors, Washington University, University College

1977-1981, Dean's List, Washington University

## **PUBLICATIONS**

Julstrom, S., Kozma-Spytek, L. & Isabelle, S. (2006) Magnetic Performance Requirements for Wireless  
Device/Hearing Aid Telecoil Mode Compatibility (Submitted to the record in the Federal  
Communications Commission proceeding WT Docket No. 06-203 via the Electronic Comment Filing  
System).

Kozma-Spytek, L. (2006, October 9). Hearing aid compatibility for digital wireless phones. Audiology  
Online. From <http://www.audiologyonline.com>

Kozma-Spytek, L., and Harkins, J. (2005). An evaluation of digital cellular handsets by hearing aid users.  
Journal of Rehabilitation Research & Development, 42(4), Supplement 2, 145-156.

Levitt, H., Kozma-Spytek, L., and Harkins, J. (2005). In-the-ear measurements of interference in  
hearing aids from digital wireless telephones. Seminars in Hearing, 26(2), 87-98.

Kozma-Spytek, L. (2003, December 8). Digital cell phones and hearing aids: frequently asked questions  
(and answers). Audiology Online. From <http://www.audiologyonline.com>

- Kozma-Spytek, L. (2003, April 14). Ask the expert: Cell phones and hearing aids. Audiology Online. From <http://www.audiologyonline.com>
- Kozma-Spytek, L. (2003). Hearing aid compatible telephones: History and current status. Seminars in Hearing, 24(1), 17-28.
- Kozma-Spytek, L. (2002, May 13). Accessing the world of telecommunication. Audiology Online. From <http://www.audiologyonline.com>
- Kozma-Spytek, L. (2001, February 12). Digital wireless telephones and hearing aids. Audiology Online. From <http://audiologyonline.com>
- Kozma-Spytek, L. (2000, November 1). What's all the BUZZ about digital wireless telephones and hearing aids? The Audiology Journal, 2(1). From <http://www.audiologyjournal.com>
- Kozma-Spytek, L. (2000). Digital wireless telephones and hearing aids: Are they compatible yet? Hearing Loss, 21(6), 12-17.
- Kozma-Spytek, L., Kates, J., and Revoile, S. (1996). Quality ratings for frequency-shaped peak-clipped speech: Results for listeners with hearing loss. Journal of Speech and Hearing Research, 39(6), 1115-1123.
- Revoile, S., Kozma-Spytek, L., Holden-Pitt, L., Pickett, J., and Droge, J. (1995). Acoustic-phonetic context considerations for speech recognition testing of hearing-impaired listeners. Ear and Hearing, 16(3), 254-262.
- Kates, J., and Kozma-Spytek, L. (1994). Quality ratings for frequency-shaped peak-clipped speech. Journal of the Acoustical Society of America, 95(6), 3586-3594.
- Revoile, S., Pickett, J., and Kozma-Spytek, L. (1991). Spectral cues to perception of /d,n,l/ by normal- and impaired-hearing listeners. Journal of the Acoustical Society of America, 90(2), 787-798.
- Revoile, S., Kozma-Spytek, L., Holden-Pitt, L., Pickett, J., and Droge, J. (1991). VCVs vs. CVCs for stop/fricative distinctions by hearing-impaired and normal-hearing listeners. Journal of the Acoustical Society of America, 89(1), 457-460.
- Weisenberger, J.M., Broadstone, S.M., and Kozma-Spytek, L. (1991). Relative performance of single-channel and multichannel tactile aids for speech perception. Journal of Rehabilitation Research and Development, 28(2), 45-56.
- Weisenberger, J.M., and Kozma-Spytek, L. (1991). Evaluating tactile aids for speech perception and production by hearing-impaired adults and children. American Journal of Otology, 12(supplement), 188-200.

#### **COMMENTS: Government Proceedings**

- Harkins, J. and Kozma-Spytek, L. (January 12, 2007). In the Matter of Section 68.4(a) of the Commission's Rules Governing Hearing Aid Compatible Telephones, WT Docket No. 06-203. Comments of the Technology Access Program, Gallaudet University.
- Harkins, J. and Kozma-Spytek, L. (January 31, 2007). In the Matter of Section 68.4(a) of the Commission's Rules Governing Hearing Aid Compatible Telephones, WT Docket No. 06-203. Reply comments of the Technology Access Program, Gallaudet University.

#### **PRESENTATIONS**

- Kozma-Spytek, L. (October, 2009) Telecommunications Accessibility Update – Cell Phones and Cordless Phones. eLearning Seminar for Audiology Online.
- Friedner, K. and Kozma-Spytek, L. (April, 2008) Digital cordless telephone interference in hearing aids. Presented to the Annual Meeting of the American Academy of Audiology, Charlotte, NC.
- Verhoff, J., Bakke, M., and Kozma-Spytek, L. (July, 2007) Cochlear implant compatibility with digital wireless phones. Presented at the 2007 Conference on Implantable Auditory Prostheses, Lake Tahoe, CA.
- Barac-Cikoja, D., Kozma-Spytek, L., and Adamovich, S. (May, 2007) Transformation of live versus recorded speech from the mouth to the open or occluded ear. Presented to the Annual Meeting of the Acoustical Society of America, Salt Lake City, UT.

- Kozma-Spytek, L. (April, 2007) Telecommunications and hearing aid compatibility. Presented at the 8th Annual National Association of Future Doctors of Audiology Convention, Denver, CO. (Invited)
- Kozma-Spytek, L. (October, 2006) Hearing aid compatibility for digital wireless phones. Live Expert e-Seminar for Audiology Online.
- Julstrom, S., Kozma-Spytek, L., & Isabelle, S. (August, 2006). Subjective testing for hearing aid-cordless phone magnetic compatibility requirements. Presented to TIA TR41.3 Subcommittee on Analog and Digital Wireline Terminals regarding PN-3-0219. Washington, DC.
- Kozma-Spytek, L. (July, 2006). Interference to hearing aids from wireless and cordless phones. Presentation at Hearing Loss Association of America Research Symposium, Orlando, FL. (Invited)
- Kozma-Spytek, L. (July, 2006). Update: Cordless and cell phones. Presentation at Hearing Loss Association of America State Leaders Workshop, Orlando, FL. (Invited)
- Julstrom, S., Kozma-Spytek, L., & Isabelle, S. (March, 2006). Report of Magnetic Speech Level and S/N Test Methods and Results for Digital Wireless Speech and Noise Sources. Presented to ANSI C63.19 Working Group 3. Washington, DC.
- Kozma-Spytek, L. (November, 2005). Subjective and objective cordless telephone interference studies. Presented to TIA TR41.3 Subcommittee on Analog and Digital Wireline Terminals regarding PN-3-0219. Washington, DC.
- Barac-Cikoja, D., Johnson, C., Kozma-Spytek, L., & Faison, N. (August, 2004) Sensitivity to delayed auditory feedback in speakers with severe-profound hearing loss. Presented at the International Hearing Aid Research Conference 2004, Lake Tahoe, CA.
- Killion, M., Berger, S., Kozma-Spytek, L., & Batat, B. (September, 2003) Hearing aids and digital cell phones: Providing intelligent answers to your patients' questions. Virtual seminar presented to the American Academy of Audiology. (Invited)
- Kozma-Spytek, L. (September, 2003) Clinical and field studies: Experiences of hearing aid wearers using digital wireless phones. Presented at the ICDR Summit on Interference to Hearing Technologies by Digital Wireless Telephones conference, Washington, DC.
- Levitt, H., Kozma-Spytek, L., & Harkins, J. (September, 2003) In-the-ear measurement of hearing aid interference. Presented at the ICDR Summit on Interference to Hearing Technologies by Digital Wireless Telephones, Washington, DC.
- Kozma-Spytek, L. (June, 2003). The latest "buzz" about cell phones and hearing aids. Presented at the Annual International Self Help for Hard of Hearing People Convention, Atlanta, GA.
- Kozma-Spytek, L. (June, 2002). Digital wireless telephones and hearing aids: An update. Presented at the Annual Self Help for Hard of Hearing People Convention, Seattle, WA.
- Barac-Cikoja, D., Nelson, P., Kozma-Spytek, L., & Tamaki, C. (August, 2001) The effect of spectrally and temporally altered auditory feedback on the speech of two cochlear implant users. Presented at the Conference on Implantable Auditory Prostheses, Asilomar, CA.
- Kozma-Spytek, L. (June, 2001). Digital wireless telephones and hearing aids: What do I need to know? Presented at the Annual Self Help for Hard of Hearing People Convention, Cherry Hill, NJ.
- Kozma-Spytek, L. (May, 2001). Visual Access to Communication Technologies. Presentation at the May meeting of the WAGHOH, Wheaton, MD.
- Kozma-Spytek, L. and Mertes, J. (November, 2000). Helping clients choose a digital cell phone. Presented at the American Speech-Language-Hearing Association Convention, Washington, D.C.
- Kozma-Spytek, L. (April, 2000). Technology and you: Improving your telephone communication. Presentation at the April meeting of the WAGHOH, Wheaton, MD.
- Kozma-Spytek, L. (March, 2000). Digital wireless telephones and hearing aids: Are they compatible? Presented to the Annual Meeting of the American Academy of Audiology, Chicago, IL. (Invited)
- Levitt, H., Harkins, J., Kozma-Spytek, L., and Yeung, E. (November, 1999). Real-ear measurement of hearing-aid interference from digital wireless telephones. Presented to the Annual Meeting of the Acoustical Society of America, Columbus, OH.
- Kozma-Spytek, L. (April, 1999). Pediatric cochlear implants. Workshop presentation, Kendal Demonstration Elementary School, Washington, DC.

- Kozma-Spytek, L., Bakke, M., and Chute, P. (December, 1995). Computer-assisted notetaking: Providing access to classroom information. Presented at the American Speech-Hearing-Language Association Convention, Orlando, FL.
- Kozma-Spytek, L. (November, 1995). Cochlear implants. Grand Rounds presentation, University of Maryland Medical System, Department of Surgery, Division of Otolaryngology – Head and Neck Surgery, Baltimore, MD
- Revoile, S., Kozma-Spytek, L., Nelson, P., and Holden-Pitt, L. (September, 1995). Some auditory indices related to consonant-segment and vowel-transition use by hard of hearing listeners. Presented at the National Institutes of Health Hearing Aid Conference, Bethesda, MD.
- Kozma-Spytek, L., Nelson, P., Revoile, S., and Holden-Pitt, L. (June, 1994). Predicting hearing-impaired listeners' use of acoustic cues for consonant recognition. Presented to the Annual Meeting of the Acoustical Society of America, Boston, MA.
- Kozma-Spytek, L. (April, 1994). Linguistic competence and auditory learning. Workshop presentation, Manhattan Eye, Ear and Throat Hospital, New York, New York.
- Kozma-Spytek, L., Boothroyd, A., Hanin, L., and Waltzman, S. (November, 1993). Speech perception and production over time in cochlear implant children. Presented at the American Speech-Hearing-Language Association Convention, Anaheim, CA.
- Kozma-Spytek, L. (September, 1992). The role of the educational consultant. Conference presentation, The Boston School for the Deaf, Boston, Massachusetts.
- Kozma-Spytek, L., Revoile, S., Holden-Pitt, L., and Pickett, J. (November, 1991). Impaired- and normal-hearing listeners' recognition of [b,d,g,v,z, ] in [^C^] isolated versus in sentence contexts. Presented to the Annual Meeting of the Acoustical Society of America, Houston, TX.
- Kozma-Spytek, L., Revoile, S., and Pickett, J. (May, 1991). Perception of /d,n,l/ by impaired- and normal-hearing listeners. Presented to the Annual Meeting of the Acoustical Society of America, Baltimore, MD.
- Kozma-Spytek, L., Revoile, S., Holden-Pitt, L., and Droge, J. (November, 1989). Perception of intervocalic /p,t,k/ versus /f,s,O/: Impaired- and normal-hearing listeners. Presented at the American Speech-Hearing-Language Association Convention, St. Louis, MO.
- Kozma-Spytek, L., and Weisenberger, J.M. (November, 1987). Evaluation of an electrocutaneous tactile aid for the hearing-impaired – A case study. Presented to the Annual Meeting of the Acoustical Society of America, Miami, FL.
- Kozma-Spytek, L. (June, 1984). Updating of methodology applied to the teaching of deaf children. Seminar presentation, Centro Peruano de Audicion y Lenguaje, Lima, Peru.

## **COURSES AND GUEST LECTURES**

- Assistant Professor for Cochlear Implants (co-instructor of graduate level course), (Fall, 2000), Gallaudet University, Washington, D.C.
- “Cochlear implants: An introduction”, Sociology of Deafness (guest lecturer in undergraduate course), (Fall, 1998), Gallaudet University, Washington, D.C.
- Assistant Professor for Aural Rehabilitation II (co-instructor of graduate level course), (Fall, 1998; Fall, 1997), Gallaudet University, Washington, D.C.
- “Cochlear implants for young hearing-impaired children”, Pediatric Educational Audiology (guest lecturer in graduate level course), (Spring, 1998; Spring, 2000), Gallaudet University, Washington, D.C.
- “Issues regarding cochlear implants in the pediatric population”, Pediatric Audiology (guest lecturer in graduate level course), (Spring, 1996), University of Maryland, College Park, Maryland.
- “Cochlear implants and hearing-impaired children”, Aural Rehabilitation (guest lecturer in graduate level course), (Fall, 1993), Hunter College: City University of New York, New York, New York.
- “Oral education and cochlear implants”, Deafness: An Educational Perspective (guest lecturer in graduate level course), (Fall, 1992), Gallaudet University, Washington, D.C.