

CURRICULUM VITAE: Jill E. Preminger, Ph.D.

Office Address	University of Louisville Department of Surgery Program in Audiology Louisville, KY 40292	(502) 852-7691 jill.preminger@ louisville.edu
Home Address	6212 Innes Trace Louisville, KY 40222	(502) 339-0534
Date of Birth	10-03-58	
Place of Birth	Englewood, NJ	
Marital Status	Married, George Emont, two children	
Education	Bachelor of Science, Speech Pathology & Audiology Boston University, Boston, Massachusetts	1980
	Master of Science, Communication Disorders University of Wisconsin, Madison, Wisconsin	1982
	Doctor of Philosophy, Audiology University of Minnesota, Minneapolis, Minnesota	1993
Professional Positions	Audiologist , New York League for the Hard of Hearing, New York, NY	1982 - 1984
	Director of Audiology , Chicago Hearing Society, Chicago, IL	1984 - 1987
	Co-Owner , North Side Audiology Group, Chicago, IL	1986 - 1988
	Assistant Professor , Department of Special Education and Individualized Services. Kean University of New Jersey, Union, NJ	1993 - 1997
	Research Scientist , Program in Speech and Hearing Sciences City University of New York, Graduate Center New York, NY	1993 - 1997

	Adjunct Assistant Professor , Program in Speech and Hearing Sciences City University of New York, Graduate Center New York, NY	1996
	Research Audiologist , The Lexington Center, Research Division, Jackson Heights, New York	1996 - 1997
	Assistant Professor , University of Louisville, Department of Surgery, Program in Audiology	1998 - 2004
	Associate Professor , University of Louisville, Department of Surgery, Program in Audiology	2004 - present
	Associate Member , University of Kentucky Graduate Faculty for Rehabilitation Sciences	2006 - present
Awards and Honors	Tuition Scholarship, University of Wisconsin	1981 - 1982
	Rehabilitation Services Administration Grant, Dept. of Communication Disorders, University of Wisconsin	1981 - 1982
	University of Minnesota Graduate School Fellowship	1988 - 1989
	NICHHD Predoctoral Traineeship (1989-1990) Center for Research in Learning, Perception and Cognition, University of Minnesota	1989 - 1990
	Bryng Bryngelson Communication Disorders Research Award , Department of Communication Disorders, University of Minnesota	1992
	Graduate Women in Science - Travel Award, Xi Chapter Sigma Delta Epsilon, Minneapolis, MN	1992
	American Speech-Language-Hearing Association, Travel Fellow, Workshop on Grant Writing	2001
Editorial Activities	Consultant, <u>Journal of Speech and Hearing Research</u>	1992 - 1995
	Consultant, <u>Ear and Hearing</u>	1996 – 1997, 2002 - present
	Associate Editor, <u>Journal of Educational Audiology</u>	2002 - 2004

	Assistant Editor, <u>Journal of the American Academy of Audiology</u>	2002-present
	Consultant, American Journal of Audiology	2006
	Consultant, Journal of the Academy of Rehabilitative Audiology	2006
	Consultant, Trends in Amplification	2007
Service	Education Committee, American Academy of Audiology	2001 - 2004
	Featured Sessions Committee, American Academy of Audiology Convention	2000, 2001
	Chair, Instructional Course Committee, American Academy of Audiology Convention	2002
	Program Committee, The VA National Center for Rehabilitative Auditory Research Conference: Auditory Rehabilitation: A multi-dimensional approach	2003
	Executive Board Member, Academy of Rehabilitative Audiology	2004 - present
	Student Research Forum Committee, American Academy of Audiology	2005
	President, Academy of Rehabilitative Audiology	2005
	Convention Chair, Academy of Rehabilitative Audiology	2006
	Publications Committee, American Academy of Audiology	2006 - present
Licensure, Certification	Certificate of Clinical Competence in Audiology, issued by the American Speech-Language-Hearing Association	1983 - present
	Fellow, American Academy of Audiology	1994 - present

Kentucky Licensed Audiologist 1999 - present

Professional Membership

Academy of Rehabilitative Audiology
 American Academy of Audiology
 American Auditory Society
 International Society of Audiology
 American Speech, Language, Hearing Association
 Educational Audiology Association

Research Grants

1. **Principal Investigator**, The Selection and Validation of Saturation Sound Pressure Level in Linear Hearing Aids. Sub-Contract from the Lexington Center for the Deaf, Rehabilitation Engineering Research Center on Hearing Enhancement. 2/1/99–1/31/00
\$37,600
2. **Principal Investigator**, The Reliability, Sensitivity and Validity of Hearing Aid Field Testing Techniques. American Academy of Audiology New Investigator Award. 5/1/99-4/30/00
\$5000
3. **Principal Investigator**, The Development of Hearing aid Field Testing Techniques. Rudd Foundation. 5/1/99-4/30/02
\$25,000
4. **Principal Investigator**, A Clinical Trial of the Signia Hearing Aid. Siemens Hearing Instruments. 1/1/00-12/31/00
\$25,000
5. **Principal Investigator**, Normative Data Collection for the Glasgow Hearing Aid Benefit Profile. Starkey Laboratories, Inc. 1/1/01-6/1/02
\$3000
6. **Principal Investigator**, Aural Rehabilitation Training: The Benefits of Significant Other Involvement . National Organization for Hearing Research Foundation. 2/1/01-1/31/03
\$10,000
7. **Co-Principal Investigator**, Validation of the Live Speech Mapping Technique. MedRx Corporation 7/1/02–6/30/03
\$34,100
8. **Principal Investigator**, The Clinical Utility of Measuring Dead Regions. The University of Louisville School of Medicine. 9/1/02-8/31/03
\$15,000
9. **Principal Investigator**, Does a One-Time Audiologic Rehabilitation Class Influence Hearing Aid Purchasing Behavior? Oticon Corporation. 1/2/03-1/2/04
\$6930

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| 10. | Principal Investigator , The Efficacy of Aural Rehabilitation Programs. National Institute of Health, National Institute on Deafness and other Communication Disorders, RO3. | 7/1/03-6/30/07
\$219,830 |
| 11. | Investigator , Speech Perception Assessment and Training System (SPATS), SBIR Phase II, NIH/NIDCD. | 11/15/05-4/30/07
\$117,252 |
| 12. | Grant Coordinator , A Hearing Aid Program For Elderly Kentuckians Living In Poverty: A Pilot Project. Good Samaritan Foundation | Submitted
January 2006
Costs requested:
\$91,400 |
| 13. | Principal Investigator , Development and Evaluation of Audiologic Rehabilitation Programming for Significant Others of Individuals with Hearing Loss, American Speech-Language-Hearing Foundation
New Century Scholars Program | 11/1/06– 11/1/07
\$10,000 |
| 14. | Principal Investigator , Construction of an Innovative Scale to Measure the Effects of Hearing Loss on the Non-Hearing Impaired Spouse or Companion. Oticon Foundation | Submitted
September 2006
Costs requested:
\$42,670 |

Peer-Reviewed Publications

1. **Preminger, J.** & Wiley, T. (1985). Frequency selectivity and consonant intelligibility in sensorineural hearing loss. *Journal of Speech and Hearing Research*, 28, 197-206.
2. Strickland, E.A., Viemeister, N.F., Van Tasell, D.J. & **Preminger, J.E.** (1994). Are high frequency CF fibers necessary for speech perception? *Journal of the Acoustical Society of America*. 95, 497-501.
3. **Preminger, J.E.** & Van Tasell, D.J. (1995). The measurement of speech quality as a tool to optimize the fitting of a hearing aid. *Journal of Speech and Hearing Research*. 38, 726-736.
4. **Preminger, J.E.**, & Van Tasell, D.J. (1995). Quantifying the relation between speech quality and speech intelligibility. *Journal of Speech and Hearing Research*. 38, 714-725.
5. **Preminger, J.E.** & Levitt, H. (1997). Computer Assisted Remote Transcription (CART): A tool to aid Deaf and Hard of Hearing Individuals in the workplace. *The Volta Review*. 99(4), 219-230.
6. **Preminger, J.E.**, Lin, H.-B., Payen, M., & Levitt, H. (1998). Selective visual masking in speechreading. *Journal of Speech and Hearing Research*. 41, 564-575.
7. **Preminger, J. E.**, Neuman, A.C., Bakke, M.H., Walters, D. & Levitt, H. (2000). An examination of the practicality of the simplex procedure. *Ear and Hearing*. 21, 177-193.
8. **Preminger, J. E.**, Neuman, A.C. & Cunningham, D.R. (2001). The selection and validation of output sound pressure level in multichannel hearing aids. *Ear and Hearing*, 22, 487-500.

9. Muller, H.G., Bentler, R., Palmer, C., **Preminger, J.**, Ricketts, T., Sweetow, R., Valente, M. & Walden, B. (2002). A candid round-table discussion on Modern digital hearing aids and their features, *The Hearing Journal*, 55 #10, 23-35.
10. **Preminger, J.E.** (2002). Differences in perceived hearing handicap as reported by listeners with hearing loss and their significant others. *Journal of the Academy of Rehabilitative Audiology*, 35, 29-42.
11. **Preminger, J.E.** (2002). Connected discourse tracking as a hearing aid evaluation tool. *Journal of the Academy of Rehabilitative Audiology*, 35, 11-27.
12. **Preminger, J.E.** & Cunningham, D.R. (2003). Case study analysis of various field study measures. *Journal of the American Academy of Audiology*, 14, 39-55.
13. ***Preminger, J.E.** (2003). Should significant others be encouraged to join adult group audiologic rehabilitation classes? *Journal of the American Academy of Audiology*, 14, 547-558.
**Cited in 'Murray, N.T. (2004). The Best of 2003: Aural Rehabilitation. The Hearing Journal, 57, 36-40.' as: "Best All-Round Read"*
14. Strickland, E.A., Viemeister, N.F., Van Tasell, D.J. & **Preminger, J.E.** (2004). The role of high-CF fibers in speech perception: Comments on Horwitz et al. (2002). *Journal of the Acoustical Society of America*, 116, 49-50.
15. Windmill, I.M., Cunningham, D.R., & **Preminger, J.E.** (2004). The University of Louisville: The Au.D. in a Medical and Business Environment. *American Journal of Audiology*, 13, 110-117.
16. ***Preminger, J.E.**, Carpenter, R., & Ziegler, C.H. (2005). A Clinical Perspective on Cochlear Dead Regions: Intelligibility of Speech and Subjective Hearing Aid Benefit. *Journal of the American Academy of Audiology*, 16, 600-613.
**Cited in 'Mueller, H.V. (2006). The Best of 2005: Hearing Aids. The Hearing Journal, 59, 24-30.' as: "Most Thought Provoking"*
17. Abrahamson, J., Abrams, H., Cox, R., & **Preminger, J.** (2005). Roundtable Discussion: Outcome Measures. *Seminars in Hearing*, 26(3), 185-189.
18. ⁺Dancer, J. & **Preminger, J.** (2006). Cochlear Dead Regions: What Audiologists Should Know. *Advance for Speech Language Pathologists & Audiologists*, 16(44), 14.
⁺Non-peer reviewed journal
19. **Preminger, J.E.** (in press, February 2007). Issues associated with the measurement of psychosocial benefits of group audiologic rehabilitation programs. *Trends in Amplification*.

Peer-Reviewed Proceedings

1. **Preminger, J.** & Wiley, T. (November, 1983) Frequency selectivity and consonant discrimination in sensorineural hearing loss. Paper presented at the American Speech-Language-Hearing-Association Meeting, Cincinnati, OH.
2. **Preminger, J.E.**, Schlauch, R.S., & Thelin, J.W. (November 1992) Test-retest reliability for audiometric thresholds: A binomial model. Paper presented at the American-Speech-Language-Hearing Association Meeting, San Antonio TX.
3. **Preminger, J.E.** & Van Tasell, D.J. (November 1994) Speech quality ratings and the

- hearing-aid frequency response. Paper presented at the American-Speech-Language-Hearing Association Meeting, New Orleans, LA.
4. **Preminger, J.E.** (May 1996) The use of speech quality judgments to improve hearing aid fitting. Paper presented at the New Jersey Speech-Language Hearing Association Annual Convention.
 5. **Preminger, J.E.**, Bakke, M., Neuman, A. (September 1997) The development of a new fitting procedure for compression amplification based on subjective judgments. Poster presented at the Hearing Aid Research and Development Conference, National Institute of Health, Bethesda, MD.
 6. Bakke, M., **Preminger, J.**, & Neuman, A. (November 1997) Fitting wide-dynamic-range compression hearing aids based on subjective judgments. Paper presented at the American-Speech-Language-Hearing Association Convention, Boston, MA.
 7. **Preminger, J. E.**, Neuman, A., & Cunningham, D.R. (March 2000) The selection and validation of saturation sound pressure level in multichannel hearing aids. Poster presented at the American Academy of Audiology, Chicago, IL.
 8. **Preminger, J. E.**, Neuman, A., & Cunningham, D.R. (August 2000) Validation of a Prescriptive Technique to Select Saturation Sound Pressure Level in Two-Channel Hearing Aids. Poster presented International Hearing Aid Research Conference, Lake Tahoe, CA.
 9. **Preminger, J.E.**, & Cunningham, D.R. (March 2001) An evaluation of hearing aid field testing techniques. Podium presentation at the American Auditory Society Scientific Meeting, Scottsdale, AZ.
 10. **Preminger, J.E.** & Cunningham, D.R. (April 2002) Hearing aid Field Testing Measures: Which one should you use? Poster presentation at the American Academy of Audiology, Philadelphia, PA.
 11. **Preminger, J.E.** & Eisenmenger, B. (June 2002) The Inclusion of Significant Others in the Group Aural Rehabilitation Process. Podium Presentation at the Academy of Rehabilitative Audiology, Asheville, NC.
 12. **Preminger, J.E.** (August 2002) Connected Discourse Tracking as a Hearing Aid Evaluation Measure. Poster presentation at the International Hearing Aid Research Conference, Lake Tahoe, CA.
 13. **Preminger, J.E.** (June 2003) Bringing the Real World into the Laboratory: Connected Discourse Tracking and Hearing Aid Evaluation. Podium presentation at the Academy of Rehabilitative Audiology Summer Institute, Kerrville, TX.
 14. **Preminger, J.E.** (March 2004) Measuring Dead Regions Clinically: Is it worth the time? Podium presentation at the American Auditory Society Scientific Meeting, Scottsdale, AZ.
 15. **Preminger, J.E.** (June 2004) The Impact of Cochlear Dead Regions on Speech Understanding in Noise and Hearing Aid Performance. Podium presentation at the Academy of Rehabilitative Audiology Summer Institute, Saratoga Springs, NY.
 16. Pratt, S., Newman-Ryan, J., **Preminger, J.E.** & Thibodeau, L. (November 2004) Rehabilitative Audiology: An Update, Instructional Course presented at the American Speech Language Hearing Association meeting, Philadelphia, PA.
 17. **Preminger, J.E.** (March 2005). Group Audiologic Rehabilitation: The Impact of Auditory and Visual Training. Podium presentation at the American Auditory Society Scientific

- Meeting, Scottsdale, AZ.
18. **Preminger, J.E.** (October 2005). Speechreading and Auditory Speech Perception: Can They be Trained in a Group Format? Podium presentation at the Academy of Rehabilitative Audiology Annual Institute, Park City, UT.
 19. **Preminger, J.E.,** Campbell, M. & Ziegler, C.H. (October 2005). Auditory-Alone and Auditory-Visual Speech Performance in Adults with Hearing Loss. Poster presentation at the Aging and Speech Communication: An International and Interdisciplinary Research Conference, Bloomington, IN.
 20. **Preminger, J.E.** (March 2006). Group Audiologic Rehabilitation Training: How Does it Reduce Hearing Handicap? Podium presentation at the American Auditory Society Scientific Meeting, Scottsdale, AZ.
 21. **Preminger, J.E.** (September 2006). Psychosocial benefits of group audiologic rehabilitation programs. Invited Speaker at the State of the Science Conference on Hearing Enhancement, Washington DC.
 22. **Preminger, J.E.** (March 2006). Outcome Measurement in Audiologic Rehabilitation for Experienced Hearing Aid Users. Podium presentation at the American Auditory Society Scientific Meeting, Scottsdale, AZ.

Faculty Mentor

1. Melanie Driscoll: Central Auditory Processing Measures and Self-Assessment Scales as Predictors of Hearing Aid Benefit. 2002
2. Jennifer Sowards: Effects of Ear Canal Volume on In-Situ dB SPL Measurements, (Poster presented at the American Academy of Audiology Meeting, 2002) 2002
3. Barbara Eisenmenger: Normative Values for Equivalent Canal Volume in School-Aged Children. 2003
4. Barbara Laczi, Amplification of Cochlear Dead Regions: Preference and Performance. 2003
5. Roberto Lao, Cochlear Dead Regions and Pure Tone Clarity Judgments. 2003
6. Ryan Carpenter, Cochlear Dead Regions and Hearing Aid Satisfaction. 2004
7. Jill Collignon, Does a One-Time Audiologic Rehabilitation Class Influence Hearing Aid Purchasing Behavior? 2004
8. Eric Korsgaard, Validation of the Live Speech Mapping Hearing Aid Fitting Method. 2004
9. Elizabeth Mosier, Predicting the Benefits of High Frequency Amplification in the Experienced Hearing aid user. 2004
10. Lisa Schneider, Perceptions of Soundfield Amplification Systems. 2004
11. Melissa Tishok, Children's Hearing Aid Function in a Public School System. 2004
12. Elizabeth Everett, Cochlear Dead Regions and Speech Understanding in Noise. 2005
13. Emily Schauwecker, Cochlear Dead Regions and Hearing Aid Fitting: 2005

- Are Alternate Frequency Gain Characteristics Preferred?
14. Dan Tibbs, Subjective localization abilities by hearing aid users as measured by The Speech, Spatial and Qualities of Hearing Scale (SSQ) 2006
 15. Lauren Welch, The Relation Between Auditory Nerve Refraction Time and Preferred Cochlear Implant Stimulation Rate 2006
 16. Scott Anderson, An Evaluation of an Individualized Auditory Training Program 2006
 17. Laureen Reimer, Development of a low-cost hearing aid program for low-income elderly residents of Louisville. 2005- present
 18. April Schrenger, Noise levels in Louisville area restaurants. 2005- present
 19. Rachel Mann, Installation of sound field listening systems in elementary school classrooms 2005- present
 20. Anne Olson, Ph.D. student, Rehabilitation Sciences Doctoral Program, University of Kentucky 2005- present
 21. Mitch Campbell, Visual Enhancement as a function of age 2005 - present
 22. Miriam Harris-Shelton, The Perceptual-Performance Test and the Acceptable Noise Level Test, which is the better predictor of hearing aid benefit 2005 - present
 23. Shantel Dever, Elementary school teaches' knowledge of hearing loss and auditory processing disorder in children 2005 - present

Teaching Activities

Curriculum Coordinator 2001 – present
 University of Louisville, Department of Surgery, Program in Audiology

Student Research Coordinator 2001 - present
 University of Louisville, Department of Surgery, Program in Audiology

Instructor 2001 - present

1. AUDI 606 Acoustics and Speech Acoustics, 3 credit course offered on an annual basis
2. AUDI 638 Communication Training in the Pediatric Population, 3 credit course offered on a bi-annual basis
3. AUDI 642 Gerontologic Audiology, 3 credit course offered on a bi-annual basis
4. AUDI 616 Genetics and Hearing Loss, 2 credit course offered on an annual basis
5. AUDI 650 Research Design, 3 credit course offered on an annual basis