

## **CURRICULUM VITAE**

Louise H. Loiselle, M.S.

**Personal:**       Date of Birth: May 19, 1953  
                          Place of Birth: Yokohama, Japan

### **Academic Rank and Position:**

1996-               Audiologist, Department of Otolaryngology/Head and Neck Surgery/ Audiology, Mayo Clinic  
                          Scottsdale

2005                Instructor in Audiology, Mayo Clinic College of Medicine

### **Education:**

1971-1975         Trinity University, San Antonio, Texas  
                          B.A., Deaf Education

1981-1983         Utah State University, Logan, Utah  
                          M.S., Audiology

2003-             Arizona State University  
                          Ph.D. Student, Speech and Hearing Science

### **Licensure and certification:**

1975                Council on Education of the Deaf

1975                Texas State Teacher Certification, Hearing Impaired, All Ages

1981                SKI\*HI Parent/Infant Training

1984                Certificate of Clinical Competence in Audiology (CCC-A)  
                          American Speech-Language-Hearing Association (ASHA)

1984-1996         Texas State Licensure in Audiology

1985-1996         Texas State Licensure in the Fitting and Dispensing of Hearing Aids

1988-             Fellow, American Academy of Audiology

1996-1999         Arizona State Licensure in the Fitting and Dispensing of Hearing Aids

2000-             State of Arizona Dispensing Audiologist License

### **Professional positions and appointments:**

1975-1978         Teacher, East Harris County Cooperative for Deaf Education, Baytown, Texas

1978-1981         Parent/Infant Adviser, East Harris County Cooperative for Deaf Education, Baytown, Texas

1983	Research Assistant, Federally Funded Grant, Utah State University and Tennessee School for the Deaf
1983-1985	Audiological Consultant, East Harris County Cooperative for Deaf Education, Texas
1983-1987	Clinical Audiologist, The Methodist Hospital, Houston, Texas
1985-1990	Private Audiological Consultant, London, England
1985-1996	Supervisor, Audiology Externship Program, The Methodist Hospital, Houston, Texas
1985-1996	Clinical Instructor, Baylor College of Medicine, Houston, Texas
1986	Co-Leader of Support Group for Hearing Impaired Adults, The Methodist Hospital and Baylor College of Medicine, Houston, Texas
1986-1992	Research Faculty, Houston School for Deaf Children, Houston, Texas
1987-1996	Supervisor, Audiology Service, The Methodist Hospital, Houston, Texas
1991-1993	Election Review Committee, American Academy of Audiology
1994-1996	Assistant-to-the-Editor, Journal of the American Academy of Audiology
1996-1997	Clinical Audiologist, Mayo Clinic Scottsdale, Arizona
1997-1998	Supervisor, Section of Audiology, Mayo Clinic Scottsdale, Arizona
1998 - 2001	Consulting Audiologist, Mayo Clinic Scottsdale, Arizona
2000-	Publications Committee, American Academy of Audiology
2001-	Clinical Audiologist, Mayo Clinic Scottsdale, Arizona
2001-	Advisory Committee, Arizona School of Health Sciences
2003-	Mayo Clinic Scottsdale Health Sciences Education Sub-Committee
2004-	Instructor in Audiology, Mayo Clinic College of Medicine
2005-	Supervisor, Section of Audiology, Mayo Clinic Scottsdale, Arizona

**Professional memberships and societies:**

1983-	American Speech-Language-Hearing Association (ASHA)
1988-	American Academy of Audiology (AAA)
2002-	Auditory Society
2005	National Registry of Who's Who
2005-	Arizona Speech-Language-Hearing Association (ArSHA)

**Educational Activities:**

## Clinical Fellowship Supervision

- 8/96 – 4/97 Jennifer Pierpont, M.S. University of Arizona. Nine month clinical fellowship required by the American Speech-Language-Hearing Association for partial fulfillment of the requirements of the Certificate of Clinical Competence in Audiology.
- 6/00 – 6/01 Jodi Sasaki, M.S. University of Northern Colorado. Twelve month clinical fellowship required by the American Speech-Language-Hearing Association for partial fulfillment of the requirements of the Certificate of Clinical Competence in Audiology.
- 6/02 – 6/03 Jennifer Dickson, AuD candidate. Galludet University. Twelve month clinical fellowship required by the American Speech-Language-Hearing Association for partial fulfillment of the requirements of the Certificate of Clinical Competence in Audiology.
- 6/02 – 6/03 Sarah Smith, M.S. University of Northern Colorado. Twelve month clinical fellowship required by the American Speech-Language-Hearing Association for partial fulfillment of the requirements of the Certificate of Clinical Competence in Audiology.
- 8/03 – 8/04 Chizuko Tamaki, AuD candidate. Galludet University. Twelve month clinical fellowship required by the American Speech-Language-Hearing Association for partial fulfillment of the requirements of the Certificate of Clinical Competence in Audiology.
- 8/03 – 8/04 Sara Wilkens, AuD candidate. Galludet University. Twelve month clinical fellowship required by the American Speech-Language-Hearing Association for partial fulfillment of the requirements of the Certificate of Clinical Competence in Audiology.
- 8/03 – 8/04 Jenny Lee, AuD candidate. Galludet University. Twelve month clinical fellowship required by the American Speech-Language-Hearing Association for partial fulfillment of the requirements of the Certificate of Clinical Competence in Audiology.
- 8/04 – 8/05 Yell Inverso, AuD candidate. Galludet University. Twelve month clinical fellowship required by the American Speech-Language-Hearing Association for partial fulfillment of the requirements of the Certificate of Clinical Competence in Audiology.
- 8/04 – 8/05 Cara Adornetto, AuD candidate. Galludet University. Twelve month clinical fellowship required by the American Speech-Language-Hearing Association for partial fulfillment of the requirements of the Certificate of Clinical Competence in Audiology.
- 8/04 – 8/05 Liz Everett, AuD candidate. Galludet University. Twelve month clinical fellowship required by the American Speech-Language-Hearing Association for partial fulfillment of the requirements of the Certificate of Clinical Competence in Audiology.

## Graduate Extern Supervision

- 9/96-11/96 Melanie Gregan, Arizona State University
- 11/96-1/97 Tricia Kaufman, Arizona State University
- 1/97-3/97 Kristen Lew, University of Iowa
- 3/97-5/97 Mitchell Udy, Utah State University
- 6/97-8/97 Lori Lorenz, Arizona State University

9/97-10/97 John Curran, Arizona State University

12/97-3/98 Brady Murphy, University of Northern Colorado

1/99-3/99 Michael Skelton, University of Northern Colorado

2/99-4/99 Megan Hoelt, Vanderbilt University

3/99-5/99 Jodi Hubbard, Arizona State University

4/99-5/99 Rebecca Pankiw, Central Michigan University

5/99-7/99 Adele Seitz, University of Northern Colorado

8/99-10/99 Jennifer Powers, Arizona State University

01/00-3/00 Jodi Sasaki, University of Northern Colorado

01/00-3/00 Jill Peplinski, University of Northern Colorado  
3/00-4/00 Kim Hart, University of Northern Colorado

3/00-5/00 Kim Elslager, Arizona State University

5/00-7/00 Janae Baird, University of Northern Colorado

7/00-8/00 Lalita Doughman, Arizona State University

8/00-10/00 Nicole Cionito, University of Northern Iowa

10/00-12/00 Sachi Tazawa, Arizona State University

12/00-2/01 Tony Spahr, Arizona State University

1/01-3/01 Devin Carwin, University of Northern Colorado

2/01-4/01 Mary Edwards, Vanderbilt University

3/01-5/01 Lisa Cannito, Arizona State University

3/01-5/01 David Luther, University of Northern Colorado

5/01-7/01 Dusty Jessen, Arizona State University

6/01-7/01 Marci Weinberg, Arizona State University

6/01-7/01 Chris Taylor, Arizona State University

7/01-12/01 Christina Cotton, Arizona State University

1/02-3/02 Erin Maloff, Arizona State University

3/02-5/02 Jen Mollerup, University of Northern Colorado

3/02-4/02 Alison Ediger, Utah State University

9/02-11/02 Amanda Toescher, Arizona School for Health Sciences

2/03-5/03 Nicole Doyle, University of Northern Colorado

9/03-11/03 Brad Murphree, Arizona School for Health Sciences

**Presentations:**

1. Loiselle L.H. Auditory Brainstem Responses in Juvenile Diabetics. Utah Speech-Language-Hearing Association Annual Convention, Salt Lake City, Utah, April 1983.
2. Jerger J.F., Stach B.A., Loiselle L.H. and Mintz S. Clinical Decision-Making: Criteria and Other Considerations. Audiology and Speech Pathology Grand Rounds, Baylor College of Medicine, Houston, Texas, February 1985.
3. Loiselle L. and Jerger S. Comparative Hearing Aid Fittings Using Pediatric Speech Intelligibility (PSI). Audiology and Speech Pathology Grand Rounds, Baylor College of Medicine, Houston, Texas, March 1985.
4. Jerger J.F., Loiselle L., Mintz S., and Davidson C. Use of Assistive Listening Devices for Hearing-Impaired Adults. Baylor College of Medicine, Department of Otorhinolaryngology, Neuro-Otology Conference, Houston, Texas, April 1985.
5. Loiselle L.H. Use of the PSI for Pediatric Hearing Aid Evaluations. American Speech-Language-Hearing Association Convention, Washington D.C., November 1985
6. Loiselle L.H., Stach B.A., and Jerger J.F. Children with Central Auditory Processing Disorder: Diagnosis and Intervention. American Auditory Society, Detroit, Michigan, November, 1986.
7. Stach B., Jerger J., Jerger S., Loiselle L., Keith R., Musher K., and Waryas C. Diagnosis of Children with Central Auditory Processing Disorder Workshop on Central Auditory Processing Disorder in Children. Program Co-Director, Baylor College of Medicine, Houston, Texas, June 1987.
8. Loiselle L. Diagnosis and Treatment of Central Auditory Processing Disorder. In-Service, Speech and Language Remediation Center of Houston, Houston, Texas, September 1987.
9. Loiselle L. and Smith S. Fitting Hearing Aids on Children with Conductive Hearing Loss: Case Studies. Association of Houston Audiologists, Houston, Texas, November 1987.
10. Loiselle L.H., Stach B.A., and Jerger J.F. FM System Use by Children with Central Auditory Processing Disorder, American Speech-Language-Hearing Association, New Orleans, Louisiana, November 1987.
11. Stach B.A., Loiselle L.H., Smith S.L., Delgado-Vilches G.A., McCoy M.J., Pruitt J.B., and Spretnjak M.L., Workshop on Current Clinical Concepts in Auditory Evoked Potentials. Lake Charles, Louisiana, February 1988.
12. Loiselle L.H. New Hearing Aid Technologies in Perspective. Southern Regional Conference, Self-Help for Hard-of-Hearing Persons (SHHH), Houston, Texas, October 1988.
13. Loiselle L.H., Johnson K., and Jerger S. Pediatric Central Auditory Dysfunction: Suspected Processing Disorders versus CNS Lesions. American Speech-Language-Hearing Association, Boston, Massachusetts, November 1988.

14. Johnson K., Jerger S., and Loiselle L. Evaluation of Central Auditory Function in the Presence of Aphasia. American Auditory Society, Boston, Massachusetts, November 1988.
15. Loiselle L.H. Audiological Services – Classroom to Clinic. Invited Panelist, Annual Texas Convention, A.G. Bell Association, Houston, Texas, April 1989.
16. Loiselle L.H., Stach B.A., Jerger J.F., and Jerger S. Patterns of Dichotic Performance in an Aging Population. American Speech-Language-Hearing Association, Seattle, Washington, November 1989.
17. Loiselle L.H. Audiologic Changes in the Elderly. Guest Lecturer, Texas Consortium of Geriatric Education Centers, A Statewide Faculty Development Program for Community College Associate Degree and Other Nursing Educators, San Jacinto College, Houston, Texas, February 1991.
18. Loiselle L. How Hearing Loss Affects Communication and the Affects of Aging on the Auditory System. Guest Lecturer, Occupational Therapy Graduate Students, Texas Women’s University, Houston, Texas, April 1991.
19. Loiselle, L. How Hearing Loss Affects Communication and the Affects of Aging on the Auditory System. Guest Lecturer, Occupational Therapy Graduate Students, Texas Women’s University, Houston, Texas, April 1991.
20. Loiselle, L. Hearing Loss and Its Affect on Aging. Guest Lecturer, Occupational Therapy Graduate Students, Texas Women’s University, Houston, Texas, April 1992.
21. Loiselle L. Case Presentation: ABR Polarity Abnormalities in a Normal Hearing Patient with Multiple Sclerosis. Lake Charles, Louisiana, March 1993.
22. Loiselle, L. The Auditory System: Its Affect on Communication. Guest Lecturer, Occupational Therapy Graduate Students, Texas Women’s University, Houston, Texas, April 1993.
23. Jerger, J. and Loiselle, L. Hearing Impairment in the Elderly. Invited Speaker, Multidisciplinary Conference, Huffington Center on Aging, Baylor College of Medicine, Houston, Texas, December 1993.
24. Jerger, J. and Loiselle, L. Case Studies Using Programmable Hearing Aids, Audiology and Speech Pathology Grand Rounds, Baylor College of Medicine, Houston, Texas, January 1994.
25. Loiselle, L. Successful Hearing Aid Fittings and Strategies. Invited Speaker, 3M Programmable Hearing Instruments, Dallas, Texas, January 27, 1994.
26. Loiselle, L. Hearing Loss and the Effects of Amplification. Invited Speaker, Doss Community Center, Houston, Texas, March 29, 1994.
27. Loiselle, L. How Hearing Loss Affects Communication and the Affects of Aging on the Auditory System. Guest Lecturer, Occupational Therapy Graduate Students, Texas Women’s University, Houston, Texas, April, 1994.
28. Loiselle, L. The Effects of Aging on the Auditory System. Guest Lecturer, Graduate Nursing Students, Baylor College of Medicine, Houston, Texas, October, 1994.
29. Loiselle, L. Central Auditory Processing Disorder, Identification and Intervention. Invited Speaker, Special Education Seminar, Beaumont, Texas, February, 1995.
30. Loiselle, L. How Hearing Loss Affects Communication and the Affects of Aging on the Auditory System. Guest Lecturer, Occupational Therapy Graduate Students, Texas Women’s University, Houston, Texas, April, 1995.

31. Stewart M.G., Loiselle L., Jerger J.F., Coker N.J., Jenkins H.A. Outcomes in Conductive Hearing Loss: The Development of a New Outcomes Instrument. The American Laryngological, Rhinological and Otolological Society, Inc., Orlando, Florida, May 1996.
32. Loiselle, L. Speech Audiometry: Administration and Interpretation of DSI, SSI, and PSI. Invited Speaker, Nova Scotia Hearing and Speech Services, Halifax, Nova Scotia, June 12, 1997.
33. Loiselle L. Measuring Hearing Aid Benefit Using the Speech in Noise Test, Arizona Speech-Language-Hearing Association, Phoenix, Arizona, October 3, 1997.
34. Weber JE, Cevette MJ, Sasaki J, Loiselle L., Scher N, Huart SA. High Frequency Hearing, HINT Performance, and Directional Microphones. Poster Session, American Academy of Audiology Annual Convention 2002, Philadelphia, Pennsylvania, April 17-20, 2002.
35. Loiselle, L. Cochlear Implant Inservice, Desert Voices, August 2003.
36. Loiselle, L. Cochlear Implants. Guest Lecturer, Audiology and Speech Pathology Students, Arizona State University, Tempe, Arizona, July 21, 2003.
37. Loiselle L. Combining Hearing Aids and Cochlear Implants: The *New* EAS, Arizona Speech-Language-Hearing Association, Phoenix, Arizona, February 26, 2005.
38. Loiselle L. Cochlear Implants: The Present and a Peek into the Future, American Academy of Audiology, Washington D.C., March 30, 2005.

#### **Research:**

Principal Investigator for “Evaluation of a Sound Localization Test for Predicting the Successful Use of Binaural Hearing Aids” awarded by The Methodist Hospital Foundation, Houston, Texas, 1995.

Principal Investigator for “Comparison of Patient Speech Understanding Using the 3G and Sprint Cochlear Implant Processors” IRB number 354-04, 2004.

Co-Investigator for “Power Instrument and Cochlear Implant Test” IRB number 1146-04, 2004.

Co-investigator for “Streamlined Programming Study in Newly Implanted Nucleus Cochlear Implant Subjects” IRB number 169-04, 2004.

Co-investigator for “G040002/A001 Electric-Acoustic Stimulator (EAS) with Combi 40+ Flex Cochlear Implant Array” IRB number 1852-04, 2004.

#### **Published articles:**

1. Stach BA, Loiselle LH., Jerger JF, Mintz SL, and Taylor CD. Clinical Experience with Personal FM Assistive Listening Devices. *The Hearing Journal*, 40:5:24-30, 1987.
2. Jerger S, Johnson K, and Loiselle L. Pediatric Central Auditory Dysfunction Comparison of Children with Confirmed Lesions versus Suspected Processing Disorders. *The American Journal of Otology*, 9:12:63-71, 1988.
3. Jerger JF, Stach BA, Johnson K, Loiselle LH., and Jerger S. Patterns of Abnormality in Dichotic Listening in the Elderly. In J.H. Jensen (Ed.), *Presbycusis and Other Age Related Aspects*, Denmark: Danavox, 1990: 143-150.

4. Stach BA, Loiselle LH, and Jerger JF. Special Hearing Aid Considerations in Elderly Patients with Auditory Processing Disorders. *Ear and Hearing*, 12:131-138, 1991.
5. Loiselle LH, DiDonato R, and Stach BA. Hearing Disorder Management in Stroke Patients. *Hearing Instruments*, 42(11):36-39, 1991.
6. Jerger S, Stout G, Albritton E, and Loiselle L. New Methods for Studying Auditory Processing in Hearing Impaired Children. *Am Aud Soc Bull*, 16:6-7, 1991.
7. Stach B. and Loiselle L. Central Auditory Processing Disorder: Diagnosis and Management in a Young Child. *Seminars in Hearing*, 14:288-295, 1993.
8. Jerger S, Stout G, Kent M, Albritton E, Loiselle L, Blondeau R, and Jorgenson S. Auditory Stroop Effects in Children with Hearing Impairment. *Journal of Speech and Hearing Research*, 36:1083-1096, 1993.
9. Stewart MG, Jenkins HA, Coker NJ, Jerger JF, Loiselle LH. Development of a New Outcomes Instrument for Conductive Hearing Loss. *The American Journal of Otology*, 18:4:413-420, 1997.

**Abstracts:**

1. Loiselle LH. Use of the PSI for Pediatric Hearing Aid Evaluations. *ASHA*, 26(10):1985.
2. Stach BA, Loiselle LH, and Jerger JF. FM System Use by Children with Central Auditory Processing Disorder. *ASHA*, 29(10):69, 1987.
3. Stach BA, Loiselle LH, and Jerger JF. Auditory Evoked Potential Abnormalities in Children with Central Auditory Disorder. *ASHA*, 30(10):133, 1988.
4. Loiselle L, Johnson K, and Jerger S. Pediatric Central Auditory Dysfunction: Suspected Processing Disorders versus CNS Lesions. *ASHA*, 30(10):132, 1988.
5. Loiselle LH, Stach BA, Jerger JF, and Jerger S. Patterns of Dichotic Performance in an Aging Population. *ASHA*, 31(10):182, 1989.
6. Hudson MA, Stach BA., Loiselle LH, and Jerger J. Auditory Evoked Potential Abnormalities in Multiple Sclerosis. *ASHA*, 31(10):179, 1989.
7. Allen J, Jerger J, Wilson A, Loiselle L, and Darling R. Clinical Applications of the Dichotic Sentence Identification Test. *Audiology Today*, 5:2:40, 1993.