

Susan R. Naidu, Ph.D.

Susan R. Naidu, Ph.D., CCC-A, FAAA
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Education

Doctor of Philosophy

Early Childhood Education/Special Education, School of Education
University of Washington, Seattle, Washington, July 1995

Master of Speech Pathology and Audiology

University of Washington, Seattle, Washington, March 1984

Bachelors of Science of Speech Pathology and Audiology

University of Washington, Seattle, Washington, March 1982

Special Education, School of Special Education,
Georgia State University, Atlanta, Georgia, 1975-1978

Certifications & Licenses

- Utah State Licensure – Audiologist (2004 to Present)
- Certificate of Clinical Competence from the American Speech-Language-Hearing Association (1984 to Present)
- Fellow, American Academy of Audiology (2013 to Present)
- Advanced Brain Technologies: The Listening Program Certification (2010)
- Washington State Licensure – Audiologist (1984 - 2004)

Professional Experience

2017 to Present	Professor (Clinical)	University of Utah
2008 - Present	AuD Program Director	University of Utah
2012 - Present	Assistant Chair; Department of Communication Sciences & Disorders	University of Utah
2004 - 2017	Audiology Clinic Coordinator	University of Utah
1999 - 2004	Director, Aural Rehabilitation/Habilitation Clinic <i>Pediatric Cochlear Implant Team</i>	Children's Hospital & Regional Medical Ctr., Seattle, WA
2002-2004	Lecturer: Department of Speech & Hearing Sciences <i>Management of Hearing Impaired Children</i>	University of Washington

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1996-2004	Invited Lecturer: Department of Speech & Hearing Sciences <ul style="list-style-type: none">▪ Topics: Pediatric Audiology, Early Intervention,▪ Aural Rehabilitation, & Cochlear Implants	University of Washington
1989-1996	Program Coordinator <i>Early Childhood Home Instruction Program for Hearing Impaired Children & Their Families (ECHI)</i>	University of Washington & Children's Hospital & Regional Medical Ctr., Seattle, WA
1996-1999	Aural Rehabilitation Specialist Private Practice <ul style="list-style-type: none">▪ Provided aural rehabilitation therapy for children with communication delays due to hearing loss▪ Provided consultation and in-service training to school districts regarding aural rehabilitation therapy	Seattle, WA
1994-1996	Communications Specialist Pediatric Cochlear Implant Program	Children's Hospital & Regional Medical Ctr., Seattle, WA
1989-1994	Project Coordinator <i>Communication Demonstration Project</i>	University of Washington
1988-1989	Aural Rehabilitation Specialist & Program Supervisor <i>ECHI Demonstration Project</i>	University of Washington
1987-1988	Program Supervisor & Instructor <i>ECHI Demonstration Project</i>	University of Washington
1986-1988	Aural Rehabilitation Specialist & Instructor <i>ECHI Outreach Project</i>	University of Washington
1984-1988	Pediatric Audiologist <i>ECHI Program</i>	University of Washington
1985-1986	Program Coordinator <i>The Identification & Placement of Deaf-Blind Children Project</i>	University of Washington
1983-1986	Pediatric Audiologist <i>Center of Human Development & Disability</i>	University of Washington
1983-1985	Activities Coordinator <i>Language & Psychological Assessment of Hearing Impaired School Age Children Project</i>	University of Washington
1982-1983	Research Assistant Assessing Linguistic Behaviors Project	University of Washington

Teaching

University of Utah, Department of Communication Sciences & Disorders

- **CSD 5520 - Introduction to Aural Rehabilitation/Habilitation**, 2004 – Present, Undergraduate course, 3 credits
This course covers the auditory development and current methodologies for management of children and adults with peripheral hearing loss and/or auditory processing disorders
- **CSD 7450 - Advanced Aural Rehabilitation/Habilitation**, 2004 – Present, Graduate AuD course
This is an advanced course on the principles and treatment practices for aural re/habilitation therapy for children and adults with hearing loss and/or auditory disorders. AR therapy approaches for children and adults and intervention techniques and application of skills to everyday communication are covered.
- **CSD 7850 - Pediatric Audiology**, 2010 – Present, Graduate AuD course,
This is an advanced course on the principles of normal auditory development, auditory development in deaf and hard-of-hearing infants and children, assessment of hearing disorders in infants and children including study of causation of hearing loss.
- **CSD 7930 – AuD Capstone Project**, 2010 – Present, (formerly Research Project, 2004 – 2009), Graduate AuD course
This course is completed prior to the beginning of the 4th year clinical externship. Prior to 2016, capstone projects consisted of 3 options, including community service learning projects. As of 2016, all capstone projects are research-based, including clinical research projects.
- **CSD 6720 - Clinical Internship in Audiology**, 2004 – 2017, Graduate AuD clinical course
This is the initial clinical course for in-house audiology clinical training. This course provides AuD students with clinical practicum at the U of U Speech-Language-Hearing Clinic. Clinic meetings and student performance evaluations are required.
- **CSD 6940 - Clinical Rotations in Audiology**, 2004 – Present, Graduate AuD clinical course
This is the supervised clinical practicum course for approved community clinical rotations.
- **CSD 7720 - Clinical Externship in Audiology**, 2004 – Present, Graduate AuD clinical course
This is the clinical course for advanced clinical practicum experience during the 4th year externship.

University of Utah Department of Special Education

- **SPED 5521/6521 - Speech Acoustics for Teachers of Children Who Are Deaf or Hard of Hearing**, Undergraduate/Graduate course, 2010 - 2014
This course is designed to introduce students to the anatomy and physiology of the speech mechanism, including the neural basis for speech production. Student are familiarized with how hearing loss in children affects the development of speech production skills.

University of Washington Department of Speech & Hearing Sciences

- **SPHSC - Management of the Hearing Impaired Child**, Graduate course for audiology students
This course introduced audiology students to the educational and clinical management of children with hearing loss; ranging from early intervention through school-age year.

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Presentations/Invited Lectures/Workshops

Naidu, S.R. *Assisting Individuals Who Experience Listening Fatigue*, Hearing Loss Association of America (HLAA), October 2019, Salt Lake City, UT.

Naidu, S. R., *What Are the Red Flags for Auditory Processing Difficulties in Preschool Children?*, Inservice training, Granite School District, December 2018, Salt Lake City, UT.

Naidu, S. R. *A Clinical Treatment Program for Children Diagnosed with Auditory Processing Disorders*, In-service training, Salt Lake School District, May 2018, Salt Lake City, UT.

Naidu, S. R. and Lobdell, A. *Tele-Audiology: Enhancing Patient-Centered Care and Clinical Education Training*, USHA Conference, March 2018, Salt Lake City, UT

Naidu, S. R. *Assisting Individuals Who Experience Listening Fatigue*, Hearing Loss Association of America National Convention, June 2017, Salt Lake City, UT

Naidu, S.R. and Lobdell A. *Tele-Audiology: Enhancing Patient-Centered Care and Clinical Education Training*, Council of Academic Programs in Communication Sciences & Disorders (CAPCSD) Conference, April 2017, New Orleans, LA

Naidu, S.R., Lobdell, A., and Foye, M. *A Case Study: Successful Interprofessional Collaboration for Cochlear Implant Management and Rehabilitation for an Adult with Special Needs*, USHA Conference, March 2017, Salt Lake City, UT

Assisting Individuals with Hearing Loss Who Experience Auditory/Listening Fatigue, Hearing Loss Association of America, August 2016, Salt Lake City, UT

Working With Sign Language Interpreters, CSD Department: Speech-Language Pathology Graduate Class, June 2016, University of Utah

Naidu, S.R. and Harrison, W. *Problem Solving and Information Exchange – Program Directors*, Council of Academic Programs in Communication Sciences & Disorders (CAPCSD) Conference, April 2015, Newport Beach, CA

Auditory Processing Disorders: Current Trends in Diagnosis and Treatment of APD in Children, USHA Conference, April 2015, Ogden, UT

Health Care Professionals Panel, Physician's Assistant Program, November 2014, University of Utah, Salt Lake City, UT

What Does An Audiologist Do? Health Educators Panel, Department of Health Promotion & Education, April 2014, March 2012, University of Utah, Salt Lake City, UT

Collaboration of Services: Pediatric Audiologists and Early Interventionists, Deaf Collaborators Meeting, November 2013, Primary Children's Hospital, Salt Lake City, UT

Historical Context of ASHA's Move to the Au.D., USHA Conference, April 2013

Understanding Auditory Processing Disorders in Children, February 2013, Department of Special Education, University of Utah, Salt Lake City, UT

What is Aural Re/Habilitation Clinic?, CSD Department: Speech-Language Pathology Graduate Class, April 2012, University of Utah, Salt Lake City, UT

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When Do I Seek Aural Re/habilitation Services to Help My Speech & Hearing? Hearing Loss Association of America, March 2012, Salt Lake City, UT

Naidu, S. R., Warren, F. and Butler, S. *Cochlear Implants: Surgery, Mapping, Aural/Oral Intervention*, Utah Schools for Deaf and Blind & Utah's Deaf/Blind Project Statewide Sensory Conference, May 2009, Salt Lake City, UT

Aural Rehabilitation Services for Children, CSD Department Speech-Language Pathology Graduate Class, April 2009, University of Utah, Salt Lake City, UT

Aural Habilitation/Rehabilitation for Persons with APD, CSD Department Speech-Language Pathology Graduate Class, January 2007, University of Utah, Salt Lake City, UT

An Aural Rehabilitation Program for Teaching Auditory Language Skills to Children with Cochlear Implants using Signed English, Academy of Rehabilitative Audiology Conference, October 2005, Park City, Utah

Aural Rehabilitation for Children with Cochlear Implants, 2-day workshop for professionals working with children with cochlear implants, Belay Learning, September 2003, Salem, Oregon

Poster Presentation: Acquisition of Auditory Language Skills by Children with Cochlear Implants Using Signed English, International Pediatric Cochlear Implant Conference, April 2003, Washington DC

Keynote Speaker: Aural Rehabilitation for Children with Cochlear Implants, Intermountain Special Study Institute, June 2002, Idaho State University, Pocatello, Idaho

Aural Rehabilitation for Children with Cochlear Implants: Issues/Answers/Training, 2-Day training workshop for professionals working with children with cochlear implants, March 2002, Bellevue, Washington (sponsored by Speech, Language, Learning Services),

Aural Rehabilitation for Children Post-Cochlear Implants, Yakima Combined Summer Institute, July 2001, Yakima, Washington

From Sign to Spoken Language, American Academy of Audiology Conference, April 2001

Optimizing Outcomes for Children with Hearing Loss in the Educational Setting Through Technology & Instruction, Children's Hospital & Regional Medical Center, March 2000, Seattle, Washington

The Role of One Early Intervention Program on the Language, Auditory and Speech Performance of Young Hearing Impaired Children, American Academy of Audiology Conference, April 1996

What is Speech & Hearing Therapy? Two-day training seminar for Washington State school district personnel, February 1996, Seattle, WA

National Committee Service

- 2017 - Standardization of Externships, ASHA Committee

University Committee Service

- 2018 - 2021 University Interdisciplinary Teaching Program Committee (UITP)
- 2016 – 2019 Academic Senate (Senator)
- 2016 – College of Health Interprofessional Education & Practice Committee
- 2016 - College of Health Clinical Practice Committee
- 2016 - Directors of Graduate Studies: Ad Hoc

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- 2017 - CSD PhD Committee
- 2014 – 2017 Senate Advisory Committee on Academic Policy
- 2014 – 2017 College of Health Student Placements Sub-Committee
- 2013 – 2016 University Interdisciplinary Teaching Program (UITP)
- 2012 – 2016 Interprofessional Education Committee (IPE)
- 2008 – CSD Curriculum Committee

Faculty Search Committees

- Chair, Audiology Faculty Search Committee
- Member, Audiology Faculty Search Committee
- Member, Physician's Assistant Division Chief Search Committee

Consulting Services

Textbook Reviewer: *Foundations of Aural Rehabilitation: Children, Adults, and Their Family Members* (3rd Edition), by Nancy Tye-Murray, Delmar Cengage Learning, 2010

Textbook Reviewer while under development: *Foundations of Aural Rehabilitation: Children, Adults, and Their Family Members* (3rd , Edition), by Nancy Tye-Murray, Delmar Cengage Learning, 2007 - 2008

- Chapter by chapter manuscript review
- Whole manuscript review
- Developed instructional PowerPoint slides for entire textbook

Consultant: Pediatric Cochlear Implant Team: Primary Children's Medical Center & University Hospital, Salt Lake City, UT, 2004 to present

- Advise regarding CI candidacy
- Conduct CI candidacy evaluations at clinic
- Develop treatment/intervention models for prospective candidates

Consultant: MRC Institute of Hearing Research in Great Britain in field testing protocol for assessing auditory processing disorders (APD) in children, Working in collaboration with Dr. Thomas Park of University of Utah & Dr. David Moore, Medical Research Council Institute of Hearing Research, Nottingham, 2008

Current Clinical Research Projects

- *"My Audiologist Doesn't Understand My Communication Difficulties"* Assessment, through a clinical survey, of adult patients' perspective regarding how well their audiologist understands communication difficulties they experience, listens to their concerns, as well as, their satisfaction with their amplification device. (2018 to 2019).
- *Implementation of the Lindamood Phoneme Sequencing (LiPS) program in the Treatment of Children Diagnosed with APD.* One AuD student has been trained in the LiPS program and aural rehabilitation treatment has been implemented with two children diagnosed with APD. A LiPS training manual is being developed for future AuD students to use in aural rehabilitation therapy with children diagnosed with APD. (2018 to present).

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- *Dichotic Digits (Musiek version) Normative Data for Older Adults*. Collection of normative data for adults 65 + years of age for clinical use in the evaluation of auditory processing skills. This subject pool also serves as the control group for the Hearing & Imaging study with Dr. Richard Gurgel. (2018 to 2019).
- *Dichotic Sentences Normative Data for Older Adults*. Collection of normative data for adults 65 + years of age for clinical use in the evaluation of auditory processing skills. This subject pool also serves as the control group for the Hearing & Imaging study with Dr. Richard Gurgel. (2018 to 2019).
- *Hearing and Imaging* – Assessment of auditory processing skills of adults diagnosed with mild Alzheimer’s Disease (AD) and without significant hearing loss and receiving PET imaging. As part of Hearing and Imaging study with Richard Gurgel, MD, (Principal Investigator), Department of Otolaryngology, Head & Neck Surgery, University of Utah (2016 to 2019).
- *Phonological Acquisition by Hispanic Hearing-Impaired Children* – Tanya Flores, PhD, Principal Investigator, University of Utah. A research project comprised of an interdisciplinary team from University of Utah that will examine the two challenges impacting early language development for Hispanic children with hearing loss; (1) delayed medical intervention and diagnosis of hearing loss, and (2) educational support for bilingual language development and proficiency in either Spanish or English. (2016 to present).
- *Alive Inside: Music and Memory*– Assessment of auditory processing skills of adults diagnosed with mild Alzheimer’s Disease (AD) and without significant hearing loss. As part of Alive Inside Project with Richard Gurgel, MD, Department of Otolaryngology, Head and Neck Surgery, University of Utah, and Norman L. Foster, MD, (Principal Investigator), Imaging & Neurosciences Center, University of Utah (2014 to 2019)

Clinical Projects

- (2019- 2020) Development of telehealth services to pediatric and adult patients for aural rehabilitation therapy. This will include patients who have hearing loss or auditory processing disorders. This new clinical opportunity will additionally provide clinical training to AuD students in aural rehabilitation therapy and telehealth.
- (2016) Development of an auditory training program for children with auditory processing difficulties. This auditory training program utilizes both graduate audiology and speech-language pathology clinicians. The AuD student conducts an auditory processing disorder evaluation, and assists in training the SLP clinician in the wholistic auditory training program consisting of direct auditory therapy, counseling of the use of compensatory strategies, and use of auditory-based computer software programs.
- (2016) A new project is being developed to create vestibular/balance patient care services at the U of U Audiology Clinic, through the development of a balance center which will consist of an interdisciplinary team of audiology and physical therapy clinical faculty and students. This will provide (1) teaching of interprofessional practice to AuD and PT students, (2) opportunity for students to work with physicians and learn the practice of a medical model, and (3) an important contribution to the patient-care services for balance/vestibular disorders.
- (2014) Development of a referral system for pediatric and adult hearing evaluations, amplification fitting, and, auditory processing disorder (APD) evaluations with the Neurobehavior HOME Program, University Neuropsychiatric Institute, University of Utah. The HOME Program provides medical and

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mental health care services to individuals with developmental disabilities through the lifespan. As a referral source for the HOME Program, the U of U Audiology Clinic provides an invaluable service to an underserved population in the community, and, enhances the clinical training of AuD students through this unique experience.

- (2012) Adult Aural Re/Habilitation Clinic at U of U Speech-Language-Hearing Clinic – An AR Clinic for adults with hearing loss using hearing aids and/or cochlear implants. This clinic provides training to AuD students on auditory training protocols, counseling the adult patient, and teaching the utilization of communication strategies to enhance the communication encounter.
- (2006) Developed a contractual agreement with the Miners Hospital at University Hospital Medical Center for the U of U Speech-Language-Hearing Clinic to be the preferred providers under the Miners Health Trust Fund for all hearing services to the miners of Utah. This continues to be a primary source of patient referral for the audiology clinic and clinic revenue for the U of U Speech-Language-Hearing Clinic.
- (2004) Aural Re/Habilitation Clinic at U of U Speech-Language-Hearing Clinic – Created an AR Clinic to serve children with hearing loss using hearing aids and/or cochlear implants. This clinic is part of the speech-language clinic and is a clinical opportunity for SLP graduate students during their in-house clinical training. Clinical supervision was handed over to an SLP specializing in AR therapy with children with hearing loss in 2011. SLP students are able to gain knowledge and experience in understanding hearing loss, hearing devices, and auditory, speech and language development for children with hearing loss. IPU experiences are on-going through the collaborative work between speech-language and audiology clinical faculty.

Student Mentoring: Capstone Projects

- AuD Capstone Advisor to students for the development of capstone community service learning projects and clinical research projects.
- Advisor for URLEND projects.

Year	Student	Project Title	Completion
2019 – 2020	Genoveva Hurtado	Developing Age-Specific Normative Values for Dichotic Digits and Dichotic Sentence Identification in Older Adults Without Significant Hearing Loss or Cognitive Decline	Poster Presentation, Audiology Symposium, Idaho State University, April 2020
2019 - 2020	Ashley Earp	Developing Diagnostic Audiologic Results with a Patient-Centered Approach	Poster Presentation, Audiology Symposium, Idaho State University, April 2020
2018 – 2020	Ashley Earp	(Title TBD) Survey of adult patients' perspective regarding their audiologist's understanding of their communication difficulties as well as satisfaction with their amplification device	Poster Presentation, Audiology Symposium, Idaho State University, April 2020

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2017 – 2019	TaNeil Dodsworth	Auditory Processing Skills in Patients with Mild Alzheimer's Disease	Poster Presentation, Audiology Symposium, U of U, April 2019
2017 – 2019	Hannah Rauch	Development of Adult Norms for Dichotic Digits Test	Poster Presentation, Audiology Symposium, U of U, April 2019
2016- 2018	Rachael Gehmlich	Auditory Processing Abilities in Patients With Mild Alzheimer's Disease Without Significant Hearing Loss	Poster Presentation, Audiology Symposium, Utah State University, April 2018
2016 – 2018	Cailey Mortensen	Development of an Auditory Training Protocol for Children Diagnosed with Auditory Processing Disorder	Poster Presentation, Audiology Symposium, Utah State University, April 2018
2015 – 2017	Kalie Moore	The Prevention of Music-Induced Hearing Loss in Adolescents	Poster Presentation, Audiology Symposium, Idaho State University, April 2017
2015 – 2017	Gisselle Warren	Cytomegalovirus: How can this virus affect my unborn baby?	Poster Presentation, Audiology Symposium, Idaho State University, April 2017
2015 - 2017	Devin Christensen	The Transition of Children with Hearing Loss from Self-Contained Classrooms to Mainstream School	Poster Presentation, Audiology Symposium, Idaho State University, April 2017
2015 – 2016	Taylor Stevenson	Educating Physicians to Increase Cytomegalovirus (CMV) Conversations: An Online Approach	Session Presenter, EHDI Conference, 2016 Poster Presentation, Audiology Symposium, University of Utah, April 2016
2015 – 2016	Kalie Moore	Bridging the Gap on CMV Awareness Among the Latina Population	Poster Presentation, EHDI Conference, 2016
2015 – 2016	Gisselle Warren	Bridging the Gap on CMV Awareness Among the Latina Population	Poster Presentation, EHDI Conference, 2016
2015 – 2016	Kelli Reder	Beyond the Diagnostics: Cochlear Implant Rehabilitation for Post-Lingually Deafened Adults	Poster Presentation, Audiology Symposium, University of Utah
2014 – 2015	Catherine Mellum	Central Auditory Processing Disorder and Mild Alzheimer's Dementia	Poster Presentation, Audiology Symposium, Primary Children's Hospital
2013 – 2014	Leah Glasby Fry	Hearing Conservation Education Program for 7 th Graders	Poster Presentation, Audiology Symposium, University of Utah

PhD Committee Member

Student	Degree Completion
Ali Almishaal	AuD/PhD (2017)
Shae Morgan	AuD/PhD (2018)

Comprehensive Exam Committee

Responsible for writing and grading of comprehensive exam questions for 3rd year AuD students covering the topics of pediatric audiology and aural re/habilitation for children and adults.

Year	Students
January 2009	Chelsea Spath, Enoch Cox, Jared Meyers, Megan Swank
January 2010	Alex Gubler, Ali Stringham, Austin Singleton, Brian James, Brock Sturlaugson, Josh Luekenga, Krystal Arnold, Mark Blau
January 2011	Taylor Widener, Josh Roylance, Jenny Shepherd, Tanner McKay
April 2012	Jill Freitas, Stacey Snow

Publications

(Some publications listed under formal name of S. Vethivelu)

King, J.B., Jones, K.G., Goldberg, E., Rollins, M., MacNamee, K., Moffit, C., Naidu, S.R., et al. (2018). Increased Functional Connectivity After Listening to Favored Music in Adults with Alzheimer Dementia. *Journal of Prevention of Alzheimer's Disease*, Vol. 3, pg. 1-7.

Calderon, R. & **Naidu, S. R.** (2000). Further support for the benefits of early identification and intervention for children with hearing loss. *Volta Review*, 100(5), 53-84.

Naidu, S.R., Ryles, R., & Buchanan, M. (1997). Methods for learners with hearing or visual impairments. In Buchanan, M., Weller, C., & Buchanan, M. (ed.) *Special Education Desk Reference*, Singular Publishing Group, Inc.

Naidu, S.R. (1996). More research needed on effectiveness of early intervention. *Advance for Speech-Language Pathologists & Audiologists*, 6 (40), pg. 5-6.

Naidu, S.R. *The Effect of One Early Intervention Program on the Language, Auditory, and Speech Performance of Young Hearing-Impaired Children*, Doctoral Dissertation, 1995, University of Washington.

Thompson, M., Buchanan, M., McCall, A. and **Naidu, S.R.** (1995). *Birth to 3: A Curriculum for Parents and Their Hearing-Impaired Children*, Experimental Education Unit, University of Washington.

Thompson, M., Thompson, G., & **Vethivelu, S.R.** (1989). A comparison of audiometric test methods for two-year old children. *Journal of Speech and Hearing Disorders*.

Thompson, M., Biro, P., **Vethivelu, S.R.**, Pious, C., & Hatfield, N. (1987). *Language Assessment of School Age Hearing Impaired Children*. Seattle, WA: University of Washington Press.