

## CURRICULUM VITA

### ALYSSA R. NEEDLEMAN, PH.D., CCC-A, FAAA

Health Professions Division • Dr. Pallavi Patel College of Health Care Sciences • Department of Audiology  
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#### EDUCATION: CALLIER CENTER FOR COMMUNICATION DISORDERS, UNIVERSITY OF TEXAS AT DALLAS

August 1991 – August 1995

*Doctor of Philosophy Degree in Human Development and Communication Sciences*  
*Minor in Cognition and Neuroscience*

#### CALLIER CENTER FOR COMMUNICATION DISORDERS, UNIVERSITY OF TEXAS AT DALLAS

August 1991 – May 1993

*Master of Science Degree in Audiology*

#### UNIVERSITY OF MARYLAND, COLLEGE PARK

College of Behavioral and Social Sciences

August 1987 – May 1991

*Bachelor of Arts Degree in Hearing and Speech Sciences*

#### PATENTS:

Sjursen, W., DeSalvo, M., Mohamed, H., **Needleman, A.**, Mulhauser, P., Kirk, K., Treacy, L. & Lee, K. Hearing aid. US Patent 8,121,320. 21 Feb 2012.

Sjursen, W., DeSalvo, M., Mohamed, H., & **Needleman, A.** Hearing aid part. US Patent D605,769. 8 Dec 2009.

Sjursen, W., DeSalvo, M., Mohamed, H., & **Needleman, A.** Hearing aid earpiece. US Patent D605,292. 1 Dec 2009.

#### PUBLICATIONS:

Cheyney, M., **Needleman, A.**, Jilla, A. (2020). Specialty Series: Cochlear Implants (Coding and Reimbursement). *Audiology Today*, 32(3), 48-52

**Needleman, A.** (2018). Medicare Revalidation Reviewed. *Audiology Today*, 30(3), 88-89.

**Needleman, A.** (2017). Billing and Coding the Vestibular Evaluation. *Audiology Today*, 29(6), 47-49.

**Needleman, A.**, Friedland, E. (2016). Assessment of Clinical Education: A Competency-Based Clinical Skills Evaluation Tool. In David Fabry, PhD (Ed.), [A Closer Look at the ACAE 2016 Clinical Education Forum](#). (4th ed., vol. 28, pp. 69-71). Reston, VA: Audiology Today. <http://www.audiology.org/publications-resources/audiology-today>

Strickland, J. & **Needleman, A.** (2012). Auditory Steady State Responses. In S.R. Atcherson & T.M. Stoodly (Eds.), [Auditory Electrophysiology](#). New York, NY: Thieme Medical Publishers Inc.

**Needleman, A.** (2011). Pediatric contributor. In J.R. Madell & C. Flexer (Eds.), *Pediatric Audiology Casebook*. New York, NY: Thieme Medical Publishers Inc.

**Needleman, A.** (2008). Caring for Loved Ones with Hearing Loss. National Family Caregivers Association. See: [http://www.nfcacares.org/caregiving\\_resources/hearingloss.cfm](http://www.nfcacares.org/caregiving_resources/hearingloss.cfm).

**Needleman, A.**, DiCostanzo, C. & Stueve, E. (2004). [Songbird: The Simplest Way To Improve Your Hearing](#). Video production. Songbird Hearing Inc. Cranbury, NJ.

**Needleman, A.**, Stueve, E. & DiCostanzo, C. (2003). [Songbird Virtual Audiologist: Video Guide to Using Your Songbird Hearing Aids](#). Video production. Songbird Hearing Inc. Cranbury, NJ.

Crumley W. & **Needleman, A.** (2002). Bio-logic's EHDI Manual: A Logical Approach to Early Hearing Detection and Intervention. Mundelein, IL.

Crandell, C. & **Needleman, A.** (1999). Modeling hearing loss via masking: Implications for hearing aid selection. Hearing Journal, 52: 58-62.

**Needleman, A.** (1998). Quantification of Context Effects in Speech Perception: Influence of Prosody. Clinical Linguistics and Phonetics, 12: 305-327.

**Needleman, A.** & Crandell, C. (1997). Speech Perception in Noise by Listeners with Hearing Impairment and Simulated Sensorineural Hearing Loss. In W. Jesteadt (Ed.), Modeling Sensorineural Hearing Loss (pp. 461-473). Mahwah, NJ: Lawrence Erlbaum Assoc.

**Needleman, A.** & Crandell, C. (1995). Speech Recognition in Noise by Hearing-Impaired and Noise-Masked Normal-Hearing Listeners. Journal of the American Academy of Audiology, 6: 414-424.

## PRESENTATIONS:

Gaffney, P. & **Needleman, A.**, (2021). Bill and Ted's Excellent Clinical Adventure: Integrating Externs into Private Practice. Invited paper presented at the AudBoss Private Practice Summit, Miami, FL.

Gaffney, P. & **Needleman, A.** (2021). Figuring Out the Admissions Formula. AAA 2021 + HearTECH Expo, Virtual, American Academy of Audiology.

**Needleman, A.**, Jilla, A., Brown, C., Frank, J., & Stach, B. (2020). Coding Updates for 2020. Paper presented at American Academy of Audiology Conference, Virtual.

Gaffney, P. & **Needleman, A.** (2020). Figuring Out the Admissions Formula. American Academy of Audiology Conference, New Orleans, LA (Conference canceled).

Jilla, A. & **Needleman, A.**, (2020). Medicare Basics. Paper presented at American Academy of Audiology Conference, New Orleans, LA (Conference canceled).

**Needleman, A.** & Friedland, E. (2019). Are They Up to the Task? Assessment of Au.D. Student Clinical Skill Preparedness Paper presented at the American Speech-Language-Hearing Association Convention, Orlando, FL.

**Needleman, A.**, Gaffney, P., & Friedland, E. (2019). What's in a Major?: Undergraduate Education as a Predictor of Success in Graduate School. Paper presented at the American Academy of Audiology Conference, Columbus, OH.

**Needleman, A.** (2019). Cracking the Code: Staying Current on Coding & Reimbursement 2019. Invited paper presented to eAudiology, American Academy of Audiology, online.

Gaffney, P. & **Needleman, A.**, (2018). The Good, the Bad and the Ugly; Externs and Private Practice. Paper presented at the Academy of Doctors of Audiology Conference, Orlando, FL.

**Needleman, A.** & Friedland, E. (2018). They've got personality! Can personality traits predict success in graduate programs?, Paper presented at the Association of Schools of Allied Health Professions, St Petersburg, FL.

**Needleman, A.** & Friedland, E. (2018). Let's Get Personal: The Personality Traits of Successful Audiology Graduate Students," Paper presented at the American Academy of Audiology, Nashville, TN.

**Needleman, A.**, Ward, B., McWilliams, N. & Anderson, J. (2018). How loud is too loud ... WHAT? Really matters? Association for Performing Arts & Entertainment Professionals. Conference & Stage Expo, Fort Lauderdale, FL.

Davie, J., Weidenboerner, E., Gaffney, P., **Needleman, A.** & Fitzharris, K. (2017). Assessment of action potentials in relationship to hearing and balance assessment. NSU Department of Audiology, Audiology Clinic, Fort Lauderdale, FL.

**Needleman, A.** (2017). Coding with Confidence: CPT, HCPCS, Modifiers & ICD-10. Paper presented at the Florida Academy of Audiology, *Navigating the Future: Turning Challenges into Opportunities* Conference, Orlando, FL.

**Needleman, A.** & Friedland, E. (2017). Success in Externship: Assessment of Student Clinical Skill Preparedness. Poster presented at the American Academy of Audiology annual AudiologyNOW! Conference. Indianapolis, IN.

Huckabay, K., **Needleman, A.**, Friedland, E., & Bera, E. (2017). How to Make Your Practice Audit Ready: Understanding Medicare Guidelines and Coding Principles. Invited paper presented at the American Academy of Audiology annual AudiologyNOW! Conference. Indianapolis, IN.

Davie, J., Gaffney, P., **Needleman, A.**, & Friedland, E. Assessment of Action Potentials in Relationship to Hearing and Balance Assessment" NSU Department of Audiology, Audiology Clinic.

**Needleman, A.** (2016). What Code(s) Should I Use?: Case Study Coding Scenarios. Invited paper presented to eAudiology, American Academy of Audiology, online.

**Needleman, A.**, & Friedland, E., (2016). Assessment of Clinical Competency. Invited paper presented at University of Miami Continuing Education Workshop. University of Miami Department of Audiology, Miami, FL.

Friedland, E. & **Needleman, A.** (2016). Outcomes in Clinical Education: Assessment of Clinical Competency. Paper presented at the American Academy of Audiology annual AudiologyNOW! Conference, Clinical Education Forum. Phoenix, AZ.

**Needleman, A.** & Friedland, E. (2016). Development and Implementation of a Competency-Based Clinical Skills Evaluation Tool. Paper presented at the American Academy of Audiology annual AudiologyNOW! Conference. Phoenix, AZ.

Silva, J., **Needleman, A.**, Faillace, K., Goldgrub, S., & Miller, M. (2016). Auditory Steady State Response Testing and Conventional Diagnostic Audiometry. Paper presented at the 15th Annual Early Hearing Detection & Intervention Meeting. San Diego, CA.

Silva, J., **Needleman, A.**, Faillace, K., Goldgrub, S., & Miller, M. (2015). Correlation between Auditory Steady State Response (ASSR) Testing and Conventional Audiometry. Paper presented at the Rady Children's Hospital, Innovations in Every Moment Conference. San Diego, CA.

**Needleman, A.**, Goldgrub, S., Miller, M., Silva, J. & Faillace, K. (2015). Clinical Utility of Auditory Steady State Response in Children. Paper presented at the American Academy of Audiology annual AudiologyNOW! Conference. San Antonio, TX.

**Needleman, A.** (2014). Cochlear Implant Candidacy: Adults and Children. Invited paper presented at the GN Resound Global Audiology Group Meeting (Skype). Ballerup, Denmark.

Friedland, E. & **Needleman, A.** (2014). Effective Precepting. Paper presented at the Florida Academy of Audiology Annual Conference. Fort Myers, FL.

Carvalho, D., **Needleman, A.** & Rose, H. (2012). Pediatric Cochlear Implant Candidacy: What are the Best Evaluation Tools? Paper presented at the Society for Ear, Nose and Throat Advances in Children (SENTAC) Annual Meeting. Charleston, SC.

**Needleman, A.** & Rose, H. (2012). Candidacy Determinants for Pediatric Cochlear Implantation. Paper presented at the American Academy of Audiology annual AudiologyNOW! Conference. Boston, MA.

Moyer, C. & **Needleman, A.** (2012). Pediatric bone conduction protocols for candidacy and verification. Paper presented at the American Academy of Audiology annual AudiologyNOW! Conference. Boston, MA.

**Needleman, A.** & Rose, H. (2011). Cochlear Implant Candidacy: What are the Determinants? Paper presented at the American Speech-Language-Hearing Association annual meeting. San Diego, CA.

**Needleman, A.** & Strickland, J. (2010). Overcoming Resistance to Change: Practical Use of ASSR for Pediatrics. Paper presented at the American Academy of Audiology annual AudiologyNOW! Conference. San Diego, CA.

Moyer, C. & **Needleman, A.** (2010). Non-Genetically Identified Hearing Loss and Enlarged Vestibular Aqueduct in Three Siblings. Paper presented at the American Academy of Audiology annual AudiologyNOW! Conference. San Diego, CA.

Mellish, A. & **Needleman, A.** (2010). Distortions in Pubescent Cochlear Implant Patients: Real or Phenomenon? Paper presented at the American Academy of Audiology annual AudiologyNOW! Conference. San Diego, CA.

Gist, K., Kratze, A. & **Needleman, A.** (2010). Creating a Community of Champions for Quality Process Improvement. Paper presented at the National Association of Children's Hospitals and Related Institutions (NACHRI) 2010 Creating Connections Conference. San Diego, CA.

**Needleman, A.** & Strickland, J. (2009). Pediatric Standards of Care. Invited paper presented at the Palm Springs Hearing Seminars. Palm Springs, CA.

Mellish, A., **Needleman, A.**, Coll, M., Biard, S.J., Goldgrub, S., & Carvalho, D. (2009). "Bimodal-ism": Does frequency transposition technology have a role? Paper presented at the 12th Symposium on Cochlear Implants in Children. Seattle, WA.

Biard, S.J., **Needleman, A.**, Mellish, A., Coll, M., Goldgrub, S., & Carvalho, D. (2009). The fine line for indication of hearing aids versus cochlear implants in older children and teenagers: what can we do better? Paper presented at the American Society of Pediatric Otolaryngology annual meeting. Seattle, WA.

Biard, S.J., **Needleman, A.**, Mellish, A., Coll, M., Goldgrub, S., & Carvalho, D. (2008). Routine Assessment Indicates Appropriate Hearing Aid Benefit: Can We Do Better? Paper presented at the 10th International Conference on Cochlear Implants and other Implantable Auditory Technologies. San Diego, CA.

Team Marketing, **Needleman, A.**, et al. (2001). Consultative Care Process. Two-day continuing education seminar presented in association with Beltone Electronics. White Plains, NY; Washington, DC.

**Needleman, A.** (2000). Digital-SelectaFit Refresher. Full-day continuing education seminar presented in association with Beltone Electronics. Syracuse, NY; Pittsburgh, PA.

Russ, D., Olsen, G., **Needleman, A.**, et al. (2000). Advanced Beltone AVE.™: Audio Verification Environment. Full-day continuing education seminar presented in association with Beltone Electronics. Hartford, CT; Syracuse, NY; Towson, MD; Pittsburgh, PA.

Skiera, M., VanSomeren, B., & **Needleman, A.** (2000). Market Analysis and Patient Care. Paper presented at the National Association of Future Doctors of Audiology annual meeting. Washington, DC.

Russ, D., Olsen, G., **Needleman, A.**, et al. (2000). Introduction to Beltone AVE.™: Audio Verification Environment. Full-day seminar presented; Beltone Electronics. Towson, MD.

Keske, C., **Needleman, A.**, et al. (2000). Digital Just Got Better! Full-day continuing education seminar; Beltone Electronics. Raleigh, NC; Providence, RI; Baltimore, MD; Philadelphia, PA; Huntington, WV; Pittsburgh, PA; Albany, NY; Winchester, VA.

Sciote, R., Barreiro, O., & **Needleman, A.** (2000). Key to Developing Professional Relationships. Paper presented at the Beltone North American Business Conference annual meeting. Orlando, FL.

**Needleman, A.** (1998). Central Auditory Processing Assessment and Management. Invited seminar presented at the District of Columbia Speech and Hearing Association spring meeting. Washington, DC.

**Needleman, A.** (1998). Central Auditory Processing Disorders: Assessment and Management Strategies. Invited seminar presented at the Maryland State Department of Education Professional spring meeting. Elkton, MD.

**Needleman, A.** (1997). Central Auditory Processing Disorders: Evaluation and Remediation Strategies. Full day invited seminar presented at the Vermont Speech and Hearing Association spring meeting. Montpelier, VT.

**Needleman, A.** & Crandell, C. (1997). Consonant Perception and Consonant Confusion Errors by Listeners with Sensorineural and Simulated Hearing Losses. Paper presented at the American Academy of Audiology annual meeting. Fort Lauderdale, FL.

**Needleman, A.** & Mayne, A. (1997). Audiologists in Interdisciplinary Teaming: The VT-ILEHP Program. Paper presented at the American Academy of Audiology annual meeting. Fort Lauderdale, FL.

**Needleman, A.** (1996). Context Effects in Speech Perception. Paper presented at the American Academy of Audiology annual meeting. Salt Lake City, UT.

**Needleman, A. & Mayne, A.** (1996). The VT-ILEHP Program. Paper presented at the American Academy of Audiology annual meeting. Salt Lake City, UT.

**Needleman, A. & Crandell, C.** (1995). Speech Perception in the Hearing-Impaired: Linguistic Factors. Paper presented at the American Academy of Audiology annual meeting. Dallas, TX.

**Needleman, A. & Crandell, C.** (1994). Speech Perception in the Hearing-Impaired: Effects of Response Bias. Paper presented at the American Academy of Audiology annual meeting. Richmond, VA.

**Needleman, A. & Crandell, C.** (1994). Response Bias Effects on Speech Perception in the Hearing-Impaired. Paper presented at the Texas Speech-Language-Hearing Association annual meeting. Fort Worth, TX.

**Needleman, A. & Crandell, C.** (1993). Speech Perception by Listeners with Simulated Sensorineural Hearing Loss. Paper presented at the American Academy of Audiology annual meeting. Phoenix, AZ.

**Needleman, A. & Crandell, C.** (1993). Speech Recognition in Individuals with Simulated Sensorineural Hearing Loss. Paper presented at the University of Texas Southwestern Allied Health Research Forum. Dallas, TX.

**Crandell, C. & Needleman, A.** (1992). Individual Differences in Speech Recognition in Hearing-Impaired Listeners. Paper presented at the American Speech-Language-Hearing Association annual meeting. San Antonio, TX.

**Needleman, A., Crandell, C., & Villareal, M.** (1992). Speech Recognition of Non-Native English-Speaking Children in the Classroom Setting. Paper presented at the American Speech-Language-Hearing Association annual meeting. San Antonio, TX.

**Needleman, A. & Crandell, C.** (1992). Speech Recognition in Noise by listeners with Simulated Hearing Loss. Paper presented at the American Auditory Society annual meeting. San Antonio, TX.

**Needleman, A. & Crandell, C.** (1992). Individual Differences in Speech-Recognition Performance in Hearing-Impaired Listeners. Paper presented at the Texas Speech-Language-Hearing Association annual meeting. San Antonio, TX.

#### **DISSERTATION:**

Linguistic Factors in Speech Perception for Listeners with Normal Hearing and Sensorineural Hearing Loss. (August, 1995).

#### **WORK EXPERIENCE:**

##### **NOVA SOUTHEASTERN UNIVERSITY**

Health Professions Division  
Pallavi Patel College of Health Care Sciences  
Department of Audiology  
Sanford L. Ziff Health Care Center  
3200 South University Drive  
Fort Lauderdale, FL 33328

Position History:

**Clinical Director and Professor, Department of Audiology**

December 2013 – Present

**Adjunct Professor, Department of Speech-Language Pathology**

January 2017 – Present

Responsibility for coordination of clinical services, teaching and training audiology students, and supervision of students at clinical training facilities. Coordinate faculty and student clinical schedules, maintain clinic equipment and hearing instrument software and technologies, manage clinic supplies, inventory and ordering, manage legal documentation and policies related to Clinic and State audiology guidelines, work with outside manufacturers on equipment, training and marketing needs, manage electronic health record system for clinic, negotiate and secure contracts for 3<sup>rd</sup> party payers in conjunction with the

Credentialing Office, and manage clinic training-related issues, including EHR integration and development, patient insurance, clinic policies and procedures, compliance training, infection control, HIPAA, ICD-10, HCPCS, and CPT coding.

Teach audiology graduate coursework, including Diagnostics I: Across the Lifespan, Diagnostics I Laboratory, Diagnostics II: Site of Lesion Assessment, Acoustics & Instrumentation, Psychoacoustics, Speech Perception, Implantable Hearing Technologies, Ethics, Coding, and Reimbursement, Business and Practice Management, Interprofessional Healthcare, Adult Aural Rehabilitation, Research Methods, and, manage clinic, internship and externship experiences, both within the Nova Southeastern University Audiology Clinic and at external clinical training facilities for 2<sup>nd</sup> and 3<sup>rd</sup> year student internships, and 4<sup>th</sup> year externships, participate on NSU Division of Clinical Operations Medical Leadership Team, the Health Professions Division Committees for Faculty Review and Promotion (Chair), Curriculum Committee, Best Practices in Clinical Education, and Department Committees for Audiology Curriculum (chair), Audiology Doctoral Admissions, Faculty Evaluation, Comprehensive Examination, Student Progress, and Faculty Search. Adjunct faculty for the Department of Speech Language Pathology.

### **RADY CHILDREN'S HOSPITAL SAN DIEGO**

3020 Children's Way, MC 5010  
San Diego, CA 92123

#### Position History:

##### **Business Analyst, Developmental Services**

December 2013 – March 2015

##### **Manager, Developmental Evaluation Clinic**

October 2011 – December 2013

##### **Manager, Audiology Department**

January 2008 – December 2013

Ultimate responsibility for management of multiple department costs, personnel, materials, productivity and quality of work. Provide day to day leadership to the departments and develop systems that ensure quality patient care outcomes. Responsible for clinical and staff mentoring and supervision within the Audiology and Developmental Evaluation Clinic (Behavioral Psychology) departments. Promote internal and external customer service through the development and implementation of programs and standards which reflect that goal. Collaborate closely with multidisciplinary department directors and managers to plan, implement and evaluate systems and services as well as coordinate and manage day-to-day and long-term division needs. Set the clinical schedule for team members for all sites.

Prepare, coordinate, evaluate and manage the annual fiscal operating and capital equipment budgets for the departments, as well as grant budgets. Evaluate and manage operating revenue/expense variances monthly and prepare written reports. Identify operating and capital equipment needs to remain state of the art in the field. Generate monthly dashboard metric analyses, cost analysis reports, clinician productivity performance reports, department realization rate and payer mix analyses, and grant-funded program management review and analysis.

Plan and recruit qualified clinicians, interns and student trainees to facilitate appropriate care and response to changes in patient acuity or volume of procedures and budgetary guidelines. Serve as a resource to management/staff on clinical/management issues promoting excellent services, creating harmonious environment and effectively intervening, as appropriate in conflict situations to assist with resolution. Facilitate the operation and growth of the team. Recommend approaches for improvement activities, direct new processes, collect and measure data, and communicate results. Serve as leader in analyzing current system functionality and identifying future needs. Facilitate the operation and growth of the team and team members through clinical mentoring. Recommend approaches for quality improvement activities, recommend and perform new processes, collect and measure data, develop processes based on performance and communicate results. Promote the clinical profession and family centered care. Serve as leader in analyzing current clinical system functionality and identifying future system needs.

Develop, implement, revise and monitor departmental policies and procedures to guide practice and ensure compliance with administrative and regulatory requirements and standards. Assure that all areas of responsibility meet the requirements of the Joint Commission and survey recommendations are addressed.

Stimulate, coordinate and lead research projects within departments and division, including but not limited to IRB submission, project research design, implementation, evaluation, and publication and/or presentation. Plan, manage and implement clinical studies; write and review clinical research protocols and reports; gather, review and evaluate clinical data; present clinical data and study outcomes at key conferences and workshops.

Organize and put on national professional conference for continuing medical education, including venue management, speaker selection, brochure design and continuing education credit fulfillment. Plan, implement and monitor continuing education and in-service education for internal clinicians and community professionals. Organize and implement training materials and presentations on new equipment and products to clinical staff.

### **SONGBIRD HEARING INC.**

210 North Center Drive  
North Brunswick, NJ 08902

#### Position History:

**Consultant**, January 2008 – January 2012

**Vice President Product Development**, October 2006 – December 2007

**Director Products Research, Quality Assurance & Audiology**,  
February 2005 - October 2006

**Director of Audiology**, October 2002 – February 2005

**Associate Director of Audiology**, July 2002 – October 2002

Full participant in the ongoing development of the Company business plan, working directly with the Chief Executive and Chief Technology Officers, including market selection, product definition, intellectual property strategy, strategic alliances and contract research and/or production.

Lead products research and strategy in conjunction with Fortune 100 Company, leveraging multi-company consumer and technical expertise to define long-term product development strategy, ensuring the product development strategy is aligned with overall business strategy. Lead all aspects of strategic design for new and upgraded product offerings from strategy to detailed functional design to presentation specification; collaboration with market research to create new concepts, and research and development engineers to design future products and product lines; develop and manage quantitative and qualitative research protocols, clinical trials, and in-use consumer studies relating sensory, aesthetic, biomechanical and electro-acoustical product attributes; analyze research data and draft expert reports to recommend modifications and iterative designs of new and current products to optimize consumer use.

Define product objectives based on consumer needs and establish specific technical projects in cooperation with Marketing and Technology teams. Work with the Technology team to implement the product development plan, including regularly reviewing progress, adjusting resource usage, and recommending initiation of new projects or cessation of existing projects. Write product specification documents, by which developers build new products. Supply product information to technical, regulatory and marketing organizations and individual consumers both within and outside the Company, to be used in effectively promoting the Company's brand and in providing helpful guidance to the consumer on the use of products. Test applications for progress/quality and assist QA to fix / resolve bugs in a timely manner; develop protocols and conduct in-use clinical trials of new and existing products; provide clinical detail for new product labeling; and train marketing and customer service on such initiatives.

Liaison among consumers, professionals, research and development, engineering and sales and marketing teams, communicating scientific information and benefits into appropriate language for marketing to consumers and professionals, product labeling and claims substantiation, as well as translating consumer feedback into identifiable areas of research and development in the product line, and communication of information to sales and marketing.

Set clinical policy for Songbird Hearing Inc. by implementing and maintaining standard operating procedures for professionals; training staff and customers on clinical techniques; develop training strategies, coursework and materials for initial and ongoing instruction; directing clinical, audiological and technical competency and training in analog, programmable and digital amplification; represent Songbird at industry related functions and delivering product performance presentations; collaborate with sales and marketing on new ventures in retail and professional channels.

Professional Marketing responsibility; including management of Customer Service training and service, and utilization of Customer Service data to improve product messaging; lead clinical claims development, messaging and substantiation to support product offerings; develop consumer and professional instruction manuals for new and existing products; develop and maintain relationships (outreach programs) within the professional community and establish relationships with professional organizations for endorsement of products/ concepts; lead media spokesperson for Songbird Hearing, serving as spokesperson/clinical expert for public relations comments, including television and written news.

Overall responsibility for Company Regulatory Strategy. Prepare and submit to federal and international regulatory agencies various documents, including product submissions, registrations, and reports. Consult with regulatory teams and attorneys, and interface with FDA to create and submit PMA and 510(k) submissions for new products; develop and manage clinical trials, as well as QA and regulatory documentation. Conduct and/or support activities necessary for compliance of facilities, operations and products with applicable regulations, including those pertaining to federal, state, and international requirements, adverse event reporting, and labeling; implement HIPAA policies and procedures as Privacy Officer.

Overall responsibility for planning, developing, implementing, maintaining, and improving SBH Quality System to ensure compliance with all government requirements; assure effective systems and programs resulting in compliance with applicable medical device regulations and standards; maintain compliant Quality System per federal and international requirements; responsibility for assuring quality and compliance of products manufactured, including assuring company Design Control requirements are met and distribution requirements are maintained; identification and implementation of Preventive and Corrective Actions; program development for MDR / adverse event reporting, with overall responsibility for filing and management of such reports; and creation and management of training programs for employees at all levels to ensure compliance with Quality Systems.

Execute applied and theoretical scientific research, including data collection, assessment, statistical analysis, mathematical modeling and multidimensional scaling, relating scientific research and theory to hearing health and amplification issues as well as author and edit articles for manuals, labeling, journal and book publications, and conference presentations.

### **BIO-LOGIC SYSTEMS CORPORATION**

One Bio-logic Plaza

Mundelein, IL 60060

Position: **Area Program Specialist, Universal Newborn Hearing Screening**

August 2001 – July 2002

Provide clinical, technical, and program expertise, guidance, and training relating to hearing screening and diagnostic auditory assessment to the Distributor Network, Hospital Contracts, and National Accounts within the Eastern United States and Canada. Specifically, responsibilities involved providing manufacturer support and conducting training with Distributors on equipment use and implementation; consulting with hospital administrators, program managers, and screening technicians regarding Early Hearing Detection and Intervention (EHDI) Program implementation, selection and use of equipment, supply cost management, and equipment troubleshooting; identifying and procuring sales contracts with hospitals and private practitioners for hearing screening and diagnostic equipment and disposable supplies; managing equipment and training issues and disposable supply sales for National Accounts; writing a user manual on EHDI program implementation; conducting continuing education seminars on Hearing Screening and Diagnostic Assessment; representing Bio-logic at regional and national meetings; and serving as liaison between local customers and internal corporate contacts.

### **BELTONE ELECTRONICS CORPORATION**

4201 West Victoria Street

Chicago, IL 60646

Position: **Area Audiology Manager, East**

December 1999 – July 2001

Provide audiologic and technical expertise, training and other support to increase Dispenser knowledge and skills for the 128 Dispenser Practices encompassing over 320 offices within the East Area of the Beltone Network. Specifically, responsibilities involved conducting training seminars within the dispensing network on new hearing aid technology and other related technological issues; providing internal technical and product support for Area Business Managers and Dispensers; conducting inductions with new Dispensers to acclimatize them to the Beltone product line, policies, and procedures; focusing individual training with Dispensers to improve their businesses by lowering credit returns, improving product mix, making appropriate circuit choices, taking better impressions to improve instrument physical fit, and better preparing their new practitioners to work with patients; assisting Area Business Managers in identifying and recruiting new Dispensers, as well as managing Dispenser problems; and establishing individual educational goals with Dispensers to improve patient care, increase sales, and improve product mix within their practices.

### **ALYSSA R. NEEDLEMAN, Ph.D., CCC-A**

5225 Pooks Hill Road, Suite 1216N

Bethesda, MD 20814

Position: **Audiological Consultant, Private Practice**

November 1997 – December 1999

Provided services in numerous aspects of audiological testing, including site-of-lesion testing, immittance audiometry, Electronystagmography, Behavioral Observation Audiometry Conditioned Play Audiometry, Central Auditory Processing tests, hearing aid evaluation/ selection, and environmental noise monitoring. Specialty in Central Auditory Processing Assessments. Provided seminars on audiometry and central auditory processing for educators and other health professionals.

**HOWARD UNIVERSITY**

School of Communications

Department of Communication Sciences and Disorders

525 Bryant Street, N.W.

Washington, D.C. 20059

Position: **Assistant Professor**

August 1997 – December 1999

Responsibilities included teaching undergraduate and graduate students in the following courses: Aural Rehabilitation, Electrophysiology, Differential Audiological Assessment, Psychoacoustics, Pediatrics/Geriatrics, and Clinical Practicum; supervising and coordinating audiology practica experiences for all graduate and undergraduate students in the Howard University Speech and Hearing Clinic; advising undergraduate and graduate students; participation on Student Affairs committee; and research.

Research interests focused on speech perception in listeners with normal and impaired hearing. Specifically, research concentrated on identifying the origin of secondary distortions which degrade perceptual ability, through modeling of sensorineural hearing loss, multidimensional scaling analyses, response bias evaluations, quantification of linguistic factors to speech perception, prosodic effects on speech perception, and developmental evaluations of the use of linguistic factors in the processing strategies of children. Research was also focused in Central Auditory Processing Evaluation and Remediation strategies and programs, as well as the effects of stress and depression on auditory processing abilities. An additional research interest is that of analyzing the auditory processing strategies of children who have been exposed to lead and cocaine in utero. Audiologist on the Vermont Interdisciplinary Leadership Education for Health Professionals Program. Provided input on multicultural issues and from the field of audiology for implementing program principles related to comprehensive, coordinated, community-based, family-centered services for children with, or at risk for, neurodevelopmental disabilities, and their families.

**UNIVERSITY OF MARYLAND**

Department of Hearing and Speech Sciences

0100 Samuel J. LeFrak Hall

7251 Preinkert Dr.

College Park, MD 20742

Position: **Adjunct Professor**

May 1997 – December 1998

Responsibilities included teaching undergraduate and graduate students in Hearing Science, Anatomy and Physiology of the Auditory System and Auditory Processing.

**UNIVERSITY OF VERMONT**

Department of Communication Sciences

Allen House, 461 Main Street

Burlington, VT 05405

Position: **Assistant Professor**

August 1995 - May 1997

Responsibilities included teaching undergraduate and graduate students in the following courses: Hearing Science, Principles of Audiological Assessment, and Habilitation of the Hearing Impaired Child; advising undergraduate and graduate students; supervising students in the audiology clinic; participating on graduate and undergraduate thesis and research committees; participation on committee to revise the graduate curriculum; advisor to the NSSLHA chapter; organization of

a Central Auditory Processing Evaluation Program; promoted establishment as well as organization of Universal Newborn Hearing Screening Program with the University of Vermont Medical Hospital, and research.

Audiology Core Faculty on the Vermont Interdisciplinary Leadership Education for Health Professionals (VT-ILEHP) Program. Responsibilities included policy-making, planning, and development of the VT-ILEHP Program, recruitment and selection of long term audiology fellows/trainees; clinical and teaching activities related to training program fellows/trainees; providing input from the field of audiology for implementing program principles related to comprehensive, coordinated, community-based, family-centered services for children with, or at risk for, neurodevelopmental disabilities, and their families. This program was funded in part by MCH grant #MCJ-509412-01-1.

**CALLIER CENTER FOR COMMUNICATION DISORDERS,  
UNIVERSITY OF TEXAS AT DALLAS**

1966 Inwood Road  
Dallas, TX 75232

Position: **Teaching/Research Assistant**

Supervisors: Dr. Carl Crandell, Dr. Robert Stillman  
September, 1991 - 1995

Academic responsibilities included teaching, checking assignments and tests, and conducting laboratory sessions for the courses: Introduction to Audiology, Pediatric Audiology, Hearing Science, Medical Audiology, Hearing Aid Research, and Evoked Potentials.

Research responsibilities included subject testing and analyzing data in the general area of speech perception; specifically, in simulation of hearing loss, speech-recognition in minimally hearing-impaired children, speech-recognition in children for whom English is a second language, frequency selectivity in elderly individuals, sound-field amplification systems, classroom acoustics, response bias effects on speech perception in the hearing impaired, contextual/linguistic aspects of speech perception, mathematical modeling of context in speech perception, multidimensional scaling of consonant confusions in speech perception, the effects of auditory processing deficits on speech perception, and the auditory processing abilities of children exposed to cocaine in utero.

**KAISER PERMANENTE**

Department of Audiology  
7777 Forest Lane  
Dallas, TX 75230

Position: **Audiologist**

Supervisor: Dr. Miriam Henoch, CCC-A  
May 1993 - December 1994

Audiologic testing encompassing: complete audiologic test battery, including: auditory brainstem response (ABR) audiometry (including those infants administered chloral hydrate), site of lesion testing, electronystagmography (ENG), Behavioral Observation Audiometry (BOA), Visual Reinforcement Audiometry (VRA), immittance audiometry (tympanometry, acoustic reflex testing, reflex decay, Eustachian tube function, and perilymphatic fistula tests), and speech tests to rule out retrocochlear pathology (PI - PB functions, SSI, SCAN), hearing aid evaluations. Experience with newborn, infant, pediatric, adult, and geriatric populations. Counseling of patients/parents regarding hearing loss, hearing aids, assistive listening devices, and special needs in the classroom or at work.

**NATIONAL INSTITUTES OF HEALTH**

Warren G. Magnuson Clinical Center, Department of Rehabilitation  
Speech Pathology Section  
Bethesda, MD 20814

Position: **Research Assistant**

Supervisors: Dr. Barbara Sonies and Dr. Maureen Stone  
June 1991 - August 1991

Assist with clinical sessions, including orofacial examinations and ultrasonic and fluoroscopic swallowing studies; library research; computerized image manipulation of ultrasound recordings; data analysis; and compilation of clinical findings.

Research included: autistic prosody, aging and swallowing, cross-sectional tongue movement during diadochokinetic speech tasks in patients with cerebellar ataxia, tongue strength, swallowing time in normal and post-polio patients, tongue muscular shape and orientation to the hyoid during progression from infancy to elderly adulthood. Experience with patients having Menkes disease, post-poliomyelitis, cystinosis, Nieman-Pick disease, pediatric AIDS, dyspraxia, dysarthria, anarthria, torticollis, polymyositis, and dermatomyositis.

## **TEACHING EXPERIENCE:**

### **NOVA SOUTHEASTERN UNIVERSITY**

#### **Department of Audiology**

Clinical Director and Associate Professor

December 2013 - Present

Adjunct Professor, Department of Speech-Language Pathology

January 2017 – Present

Acoustics & Instrumentation, Diagnostics I: Across the Lifespan, Diagnostics I Laboratory, Diagnostics II: Site of Lesion Assessment, Psychoacoustics & Speech Perception, Implantable Hearing Technologies, Ethics, Coding & Reimbursement, Business & Practice Management for Audiology, Interprofessional Healthcare in Audiology, Adult Aural Rehabilitation, Research Methods, Clinical Practica, Internship, and Externship.

Basic and applied hearing science audiological, and professional coursework for doctoral graduate students.

### **SONGBIRD HEARING INC.**

Vice President Product Development

July 2002 - January 2012

Individual and seminar continuing education training on digital and analog disposable hearing aid technology, deep-fitting instrumentation benefits and fitting practices, cerumen management, clinical protocols, counseling, patient care, hearing and hearing aids, community outreach, business practices, and quality systems. Video and print consumer training guides for self-assessment, self-fitting, and acclimatization of hearing aids.

### **BIO-LOGIC SYSTEMS CORPORATION**

Area Program Specialist, Universal Newborn Hearing Screening

August 2001 - July 2002

Individual and seminar continuing education training on hearing screening, diagnostic hearing assessment technology, and early hearing detection and intervention, including automated and diagnostic evoked potentials and screening and diagnostic distortion-product and transient evoked otoacoustic emissions.

### **BELTONE ELECTRONICS CORPORATION**

Area Audiology Manager, East

December 1999 - July 1999

Individual and seminar continuing education training on new and current digital and programmable hearing aid technology, hearing instrument verification, including Beltone AVE.™ Audio Verification Environment technology, audiometric testing, and impression taking procedures.

### **HOWARD UNIVERSITY**

#### **Department of Communication Sciences and Disorders**

Assistant Professor

Bases of Audiology, Differential Audiological Assessment, Electrophysiologic Measures, Psychoacoustics, Pediatrics & Geriatrics, Aural Rehabilitation, Clinical Practicum.

August 1997 - December 1999

Basic and applied hearing sciences coursework for undergraduate and graduate students.

### **UNIVERSITY OF MARYLAND, COLLEGE PARK**

#### **Department of Hearing and Speech Sciences**

Adjunct Professor

Bases of Hearing Science, Anatomy of the Ear, Central Auditory Processing.  
May 1997 - December 1999

Hearing sciences coursework, interdisciplinary assessment and management of central auditory processing for undergraduate and graduate students, and community professionals.

**UNIVERSITY OF VERMONT**  
**Department of Communication Sciences**

Assistant Professor

Hearing Science, Principles of Audiological Assessment, Habilitation of Hearing-Impaired Children, Interdisciplinary Leadership and Research Seminar.

August 1995 - May 1997

Basic and applied course work in the hearing sciences and interdisciplinary teaming for undergraduate and graduate students, as well as community professionals.

**CALLIER CENTER FOR COMMUNICATION DISORDERS,**  
**University of Texas at Dallas**

Instructor

Introduction to Audiology

August 1994 - December 1994

Introductory clinical audiology course for undergraduate and graduate students.

**CALLIER CENTER FOR COMMUNICATION DISORDERS,**  
**University of Texas at Dallas**

Teaching Assistant

Introduction to Audiology, Pediatric Audiology, Hearing Science, Medical Audiology, Recent Technology in Amplification, Evoked Potentials, Anatomy and Physiology of Audition

August 1991 – May 1995

Teaching, checking assignments and tests, tutoring, and conducting laboratory sessions for undergraduate and graduate students.

**CLINICAL EXPERIENCE:**

**NOVA SOUTHEASTERN UNIVERSITY**, Fort Lauderdale, FL

**RADY CHILDREN'S HOSPITAL SAN DIEGO**, San Diego, CA

**SONGBIRD HEARING INC.**, New Brunswick, NJ

**BIO-LOGIC SYSTEMS CORPORATION**, Mundelein, IL

**BELTONE ELECTRONICS CORPORATION**, Chicago, IL

**ALYSSA R. NEEDLEMAN, Ph.D., Private Practice**, Bethesda, MD

**HOWARD UNIVERSITY**, Speech and Hearing Clinic, Washington, D.C.

**E. M. LUSE CENTER FOR COMMUNICATION DISORDERS**, Burlington, VT

**VT-ILEHP COMMUNITY CLINIC**, Burlington, VT

**KAISER PERMANENTE, Department of Audiology**, Dallas, TX

**CALLIER CENTER FOR COMMUNICATION DISORDERS, Dallas, TX**

Experience in all aspects of audiological assessment, including site-of-lesion testing, immittance (tympanometry, acoustic reflex tests, reflex decay, Eustachian tube function, and perilymphatic fistula tests), evoked potentials [Auditory Brainstem Response (ABR), Electrocochleography (ECoChG), Middle Latency Response (MLR), P300, and Auditory Steady State Response (ASSR)], otoacoustic emissions (transient and distortion product), Behavioral Observation Audiometry (BOA), Visual Reinforcement Audiometry (VRA), intraoperative monitoring, Central Auditory Processing (CAP) tests, Universal Newborn Hearing Screening (NBHS), and hearing aid fitting, evaluation and selection for analog, programmable, and digital, traditional and disposable hearing aids. Newborn, infant, pediatric, adult and geriatric population experience.

**CERTIFICATION:**

**Certificate of Clinical Competence in Audiology**

Completed November 1, 1994, #01093450.

Clinical Fellowship Year completed at Kaiser Permanente, Dallas, TX, under the direction of Dr. Miriam Henoch.

**LICENSURE:**

**Florida Licensed Audiologist (current)**

Florida Board of Speech Language Pathology and Audiology #AY1839.

**California Licensed Audiologist**

State of California Consumer Services Agency, Speech-Language Pathology and Audiology Board #AU2582.

**District of Columbia Licensed Hearing Aid Dispenser**

District of Columbia Department of Consumer and Regulatory Affairs, Division of Pharmaceutical, Radiological and Medical Devices Control #HD9800065.

**Georgia Licensed Audiologist**

Georgia State Board of Examiners for Speech Pathology and Audiology #AUD003702.

**Indiana Licensed Audiologist.**

Indiana Professional Licensing Agency, Speech Language Pathology and Audiology Board #23002376A.

**Kentucky Licensed Audiologist**

Kentucky Board of Speech-Language Pathology and Audiology #KY-0452.

**Maryland Licensed Audiologist**

Maryland State Board of Audiologists, Hearing Aid Dispensers and Speech-Language-Pathologists #00826.

**New Jersey Licensed Audiologist**

State of New Jersey Division of Consumer Affairs, Audiology and Speech Language Pathology Advisory Committee #41YA00063900.

**New Jersey Licensed Hearing Aid Dispenser**

State of New Jersey Division of Consumer Affairs, Hearing Aid Dispensers Examining Committee #MG00101100.

**Nevada Licensed Audiologist**

State of Nevada Board of Examiners for Audiology and Speech Pathology #A-182.

**Ohio Licensed Audiologist**

Ohio Board of Speech-Language Pathology and Audiology #A-01447.

**Pennsylvania Licensed Audiologist**

Commonwealth of Pennsylvania Department of State, Bureau of Professional and Occupational Affairs #AT005844.

**Texas Licensed Audiologist**

Texas State Board of Examiners for Speech-Language Pathology and Audiology #51552.

**Virginia Licensed Audiologist**

Commonwealth of Virginia Department of Health Professions, Board of Audiology and Speech-Language Pathology #2201001183.

**Virginia Licensed Hearing Aid Specialist**

Commonwealth of Virginia Department of Professional and Occupational Regulation, Board for Hearing Aid Specialists #2101-001417.

**REVIEWER/EDITOR:**

**Needleman, A.** (2022). Reviewer, Journal Article. Effectiveness of analytical and synthetic auditory training approaches for listening skill development in children with hearing impairment. *Journal of Allied Health Sciences and Practice*, Fort Lauderdale, FL.

**Needleman, A.** (2020). Reviewer, Journal Article. Effects of signal-to-noise ratio, hearing aid processing, outcome measure, and working memory on the evaluation of context use. *Journal of the American Academy of Audiology*, Reston, VA.

**Needleman, A.** (2019). Reviewer, Textbook. *Hearing Conservation*. Thieme Publishers, New York, NY.

**Needleman, A.** (2018). Reviewer, Journal Article, DPOAE input/output functions with middle ear pathology. *Journal of the American Academy of Audiology*, Reston, VA.

**Needleman, A.** (2018). Reviewer, Textbook. *Psychoacoustics*. Plural Publishing: San Diego, CA.

**Needleman, A.,** (2017). Reviewer, Journal Article, Extended bandwidth hearing aid amplification on speech intelligibility. *Journal of the American Academy of Audiology*, Reston, VA.

**Needleman, A.** (2018). Reviewer, Textbook. *Hearing Science & Psychoacoustics*. Plural Publishing: San Diego, CA.

**Needleman, A.,** (2016). Reviewer, Journal Article, Speech intelligibility in children with hearing loss. *Journal of the American Academy of Audiology*, Reston, VA.

**Needleman, A.,** (2016) Editorial Review Board Member, Canadian Hearing Report, London.

**Needleman, A.** (2015). Reviewer, Lippincott Williams & Wilkins web platform: Educational and Clinical Resources in Hearing and Speech Sciences.

**Needleman, A.,** (1995-2000). Reviewer, Journal Articles. Ear and Hearing. Reston, VA.

**Needleman, A.,** (1993-1995). Assistant Reviewer. Ear and Hearing. Reston, VA.

**PROFESSIONAL SERVICE:**

**Needleman, A.,** (2022 - Present). Board Member, Council on Academic Accreditation for Speech-Language Pathology and Audiology, Rockville, MD.

**Needleman, A.** (2019 - Present). Committee Chair, College-Wide Faculty Evaluation Committee. Nova Southeastern University. Fort Lauderdale, FL.

**Needleman, A.** (2016 - Present). Committee Chair, Department Curriculum Committee. Nova Southeastern University. Fort Lauderdale, FL.

**Needleman, A.** (2016 - Present). Committee Member, College-Wide Curriculum Committee. Nova Southeastern University. Fort Lauderdale, FL.

**Needleman, A.** (2016 - Present). Committee Member, Comprehensive Exam Committee. Nova Southeastern University. Fort Lauderdale, FL.

**Needleman, A.** (2015 - Present). National President. Alpha Upsilon Delta Honor Society. Fort Lauderdale, FL.

**Needleman, A.** (2015 - Present). Founding Member, Alpha Upsilon Delta Honor Society. Fort Lauderdale, FL.

**Needleman, A.** (2013 - Present). Committee Member, University Medical Leadership in Clinic Operations. Nova Southeastern University. Fort Lauderdale, FL.

**Needleman, A.** (2013 - Present). Committee Member, College-Wide Best Practices in Clinical Education Committee. Nova Southeastern University. Fort Lauderdale, FL.

**Needleman, A.** (2013 - Present). Committee Member, Committee on Student Progress. Nova Southeastern University. Fort Lauderdale, FL.

**Needleman, A.** (2013 - Present). Committee Member, Audiology Doctoral Program Admissions Committee. Nova Southeastern University. Fort Lauderdale, FL.

**Needleman, A.** (2021 - 2022). Committee Member, Research Podiums. American Academy of Audiology Conference 2022. St. Louis, MO.

**Needleman, A.** (2021 - 2022). Committee Member, Research, Clinical, and Teaching Posters Subcommittee. American Academy of Audiology Conference 2022. St. Louis, MO.

**Needleman, A.** (2019 - 2022). Committee Member, American Academy of Audiology Honors Committee. Washington, DC.

**Needleman, A.** (2020 - 2021). Committee Member, Faculty Search Committee. Nova Southeastern University. Fort Lauderdale, FL.

**Needleman, A.** (2020 - 2021). Committee Member, Research Podiums. American Academy of Audiology Conference 2021. Virtual: April 14-16, 2021.

**Needleman, A.** (2020 - 2021). Committee Member, Learning Modules. American Academy of Audiology Conference 2020. New Orleans: April 1-4, 2020.

**Needleman, A.** (2020 - 2021). Committee Member, Research, Clinical, and Teaching Posters Subcommittee. American Academy of Audiology Conference 2021. Virtual: April 14-16, 2021.

**Needleman, A.,** (2019 - 2021). Academic Faculty Site Visitor, Council on Academic Accreditation, Audiology & Speech Language Pathology, Rockville, MD.

**Needleman, A.** (2018 - 2021). Committee Chair, American Academy of Audiology Coding and Reimbursement Committee. Washington, DC.

**Needleman, A.** (2019 - 2020). Committee Member, Learning Modules. American Academy of Audiology Conference 2020. Virtual: April 14-16, 2021.

**Needleman, A.** (2019 - 2020). Committee Member, Research Podiums. American Academy of Audiology Conference 2020. New Orleans: April 1-4, 2020.

**Needleman, A.** (2019 - 2020). Committee Member, Research, Clinical, and Teaching Posters Subcommittee. American Academy of Audiology Conference 2020. New Orleans: April 1-4, 2020.

**Needleman, A.** (2016 - 2020). Committee Member, Faculty Search Committee. Nova Southeastern University. Fort Lauderdale, FL.

**Needleman, A.** (2018 - 2019). Committee Member, Research, Clinical, and Teaching Posters. American Academy of Audiology Conference 2019. Columbus: March 27-30, 2019.

**Needleman, A.** (2018 - 2019). Committee Member, Learning Modules. American Academy of Audiology Conference 2019. Columbus: March 27-30, 2019.

**Needleman, A.** (2013 - 2019). Committee Member, College-Wide Faculty Evaluation Committee. Nova Southeastern University. Fort Lauderdale, FL.

**Needleman, A.** (2013 - 2019). Committee Member, College-Wide Committee on Academic Honesty. Nova Southeastern University. Fort Lauderdale, FL.

**Needleman, A.** (2016 - 2018). Committee Member, American Academy of Audiology Coding and Reimbursement Committee. Washington, DC.

**Needleman, A.** (2016 - 2019). Committee Member, American Academy of Audiology Research Committee. Washington, DC.

**Needleman, A.** (2018). Student Recruiter, Nova Southeastern University Virtual Clinic Tour. Hosted virtual clinic tour. <https://youtu.be/611z6ceKznc>

**Needleman, A.** (2018). Student Recruiter, Nova Southeastern University virtual tour of classroom and faculty offices. Hosted virtual clinic tour. <https://youtu.be/dDjl4MYI95w>

**Needleman, A.** (2017 - 2018). Program Organizer, United States Institute for Theatre Technology, USITT Conference and Stage Expo. Fort Lauderdale, FL.

**Needleman, A.** (2017 - 2018). Committee Member, Research, Clinical, and Teaching Posters. American Academy of Audiology Conference 2018. Nashville: April 18-21, 2018.

**Needleman, A.** (2015 - 2018). Committee Member, American Academy of Audiology Membership Committee: Resume Consultation. Washington, DC.

**Needleman, A.** (2014 - 2018). Committee Member, American Academy of Audiology Public Relations Committee. Washington, DC.

**Needleman, A.** (2016 - 2017). Committee Member, Learning Modules. American Academy of Audiology AudiologyNOW! Conference 2016. Indianapolis: April 5-8, 2017.

**Needleman, A.** (2016 - 2017). Committee Member, Research, Clinical, and Teaching Posters. American Academy of Audiology AudiologyNOW! Conference 2016. Indianapolis: April 5-8, 2017.

**Needleman, A.** (2015 - 2016). Committee Member, Learning Modules. American Academy of Audiology AudiologyNOW! Conference 2016. Phoenix: April 13-16, 2016.

**Needleman, A.** (2015 - 2016). Committee Member, Research, Clinical, and Teaching Posters. American Academy of Audiology AudiologyNOW! Conference 2016. Phoenix: April 13-16, 2016.

**Needleman, A.** (2014 - 2016). Committee Chair, Faculty Search Committee. Nova Southeastern University. Fort Lauderdale, FL.

**Needleman, A.** (2014 - 2016) Committee Member, Department Curriculum Committee. Nova Southeastern University. Fort Lauderdale, FL.

**Needleman, A.** (Program Coordinator), Goldgrub, S., Johnson, J., Moyer, C. & Strickland, J. (2014). Sound Waves: Speech Perception and Amplification. San Diego Sound Wave Symposium. San Diego: October 10-11, 2014.

**Needleman, A.** (Chair), Goldgrub, S., Johnson, J. & Strickland, J. (2012). Musical Waves: Neurobiology, Perception and Amplification. San Diego Sound Wave Symposium. San Diego: October 12-13, 2012.

**Needleman, A.** (2011). Committee Member, Featured Sessions. American Academy of Audiology AudiologyNOW! Conference 2011. Chicago: April 6-9, 2011.

**Needleman, A.** (Chair), Goldgrub, S., Johnson, J. & Moyer, C. (2011). Ride the Wave: On the Cutting Edge of Audiology. San Diego Sound Wave Symposium. San Diego: February 11-12, 2011.

**Needleman, A.** (2010). Committee Chair, Community Support. American Academy of Audiology AudiologyNOW! Conference 2010. San Diego: April 14-17, 2010.

**Needleman, A.** (Chair), Strickland, J., Coll, M. & Moyer, C. (2009). Out of the Basics and into the New Wave of Audiology. San Diego Sound Wave Symposium. San Diego: February 20-21, 2009.

#### **HONORS & AWARDS:**

Scholar, American Academy of Audiology, 2019-2020  
Pallavi Patel College of Health Care Sciences Exceptional Faculty Teaching Award, 2020  
AAA 2019 Professional Poster Award Winner, American Academy of Audiology  
Pallavi Patel College of Health Care Sciences Outstanding Faculty Service Nomination, 2018  
AAA 2018 Professional Poster Award Winner, American Academy of Audiology.  
Scholar, American Academy of Audiology, 2017-2018  
Induction to Alpha Eta Society, Nu Sigma Upsilon Chapter, Honor Society, 2017  
Scholar, American Academy of Audiology, 2015-2016  
National President. Alpha Upsilon Delta Audiology Honor Society, 2016  
Induction to Alpha Upsilon Delta, Alpha Chapter, Audiology Honor Society, 2015  
Scholar, American Academy of Audiology, 2014-2015  
Sixth ACE Award for Continuing Education, ASHA, 2014  
Scholar, American Academy of Audiology, 2013-2014  
Scholar, American Academy of Audiology, 2012-2013  
Fifth ACE Award for Continuing Education, ASHA, 2012  
Scholar, American Academy of Audiology, 2011-2012  
Scholar, American Academy of Audiology, 2010-2011  
Fourth ACE Award for Continuing Education, ASHA, 2010  
Scholar, American Academy of Audiology, 2009-2010  
Better Hearing Institute Pediatric Advisory Council, 2008 - 2013  
Scholar, American Academy of Audiology, 2008-2009  
Third ACE Award for Continuing Education, ASHA, 2008  
Scholar, American Academy of Audiology, 2007-2008  
Scholar, American Academy of Audiology, 2006-2007  
Second ACE Award for Continuing Education, ASHA, 2006  
Scholar, American Academy of Audiology, 2005-2006  
First ACE Award for Continuing Education, ASHA, 2001  
Adjunct Professor, University of Vermont, 1998-1999  
University of Vermont Graduate Faculty appointment, 1996-1997  
Adjunct Professor, Howard University, 1996 - 1997  
Fellow, American Academy of Audiology, 1996  
Texas Public Education Grant, 1992 -1994  
Research & Teaching Assistant - University of Texas at Dallas (under Drs. Carl Crandell & Robert Stillman), 1991-1995

#### **PROFESSIONAL DEVELOPMENT:**

Workshop, "Mobile Audiology Workshop: Is Launching a Successful Mobile Practice a Pipe Dream, or is it Your Untapped Key to True Brand Differentiation?" Pivot Hearing. (June 23, 2022).

Continuing Education Program, "Understanding the Complexities of Hearing in Noise," Signia. (June 22, 2022).

Continuing Education Program, "Exploring Benefits that Address the Struggles with Hearing Loss," Signia. (June 22, 2022).

Workshop, "2021-2022 Annual Provider Specific Compliance Training Audiology," Nova Southeastern University, Fort Lauderdale, FL, United States. (June 17, 2022).

Workshop, "2022-23 Annual Cybersecurity Awareness Training," Nova Southeastern University, Fort Lauderdale, FL, United States. (June 2, 2022).

Tutorial, "CITI Program training for Nova Southeastern University," CITI Program. (March 9, 2022 - May 26, 2022).

Workshop, "Compelling Strategies for Managing Medicare Advantage Patients," Pivot Hearing. (May 25, 2022).

Workshop, "Let's get Real about Outcome Measures: Practice Solutions for Evaluating Success," Inventis Audiology & Balance. (May 24, 2022).

Workshop, "CFCC and ASHA Certification Update," Council of Academic Programs in Communication Sciences & Disorders, United States. (May 18, 2022).

Workshop, "Fraud in Medicare: How to mitigate risk to your organization (A/B) webinar," First Coast Service Options. (May 12, 2022).

Workshop, "Preparing the Next Generation: Exploring Trends in Diversity and Growth in CSD Academic Programs," Council of Academic Programs in Communication Sciences & Disorders, Fort Lauderdale, Florida, United States. (May 5, 2022).

Tutorial, "Level II CJIS Security & Awareness Training," Criminal Justice Information System (CJIS). (May 4, 2022).

Conference Attendance, "2022 CAPCSD Annual Conference," Council on Academic Programs in Communication Sciences and Disorders (CAPCSD), Portland, OR, USA. (April 20, 2022 - April 23, 2022).

Workshop, "Rising Together: Effective Assessment for Students and Teachers," Course Hero. (April 13, 2022).

Continuing Education Program, "Evolution in Hearing Systems," Starkey, Delray Beach, FL, USA. (April 7, 2022).

Continuing Education Program, "There's Something More for Everyone," Oticon. (April 5, 2022).

Continuing Education Program, "An Introduction to Bone Conduction Solutions: Candidacy and Counseling," Cochlear Americas. (March 24, 2022).

Workshop, "2021-2022 Employee Refresher HIPAA Privacy, Security and Research Training," Nova Southeastern University, Fort Lauderdale, FL, United States. (March 2, 2022).

Continuing Education Program, "OticonNext: Expand the Potential of Polaris," Oticon. (February 24, 2022).

Continuing Education Program, "A Reimbursement Look at CI Clinical Protocols," Cochlear Americas. (February 22, 2022).

Continuing Education Program, "Technical Aspects of Auditory Evoked Potential Recording," Interacoustics Academy, USA. (June 2021 - September 2021).

Continuing Education Program, "Trends in Balance: Advances in VNG," Interacoustics Academy, USA. (September 13, 2021).

Continuing Education Program, "Operating a Private Practice During a Worldwide Pandemic," Academy of Doctors of Audiology, USA. (September 2, 2021).

Workshop, "3rd Parties: Compelling Alternative Strategies for Private Practices," Pivot Hearing. (July 21, 2021).

Workshop, "ASAHP's Advocacy 101," Association of Schools Advancing Health Professions. (July 21, 2021).

Continuing Education Program, "Summer Fun with Phonak: Solutions for all Pediatric Patients," Phonak, USA. (July 21, 2021).

Continuing Education Program, "Increasing revenue with Cochlear Implants: A recipe for creating CI Service Plans," Cochlear Americas. (July 15, 2021).

Workshop, "Ask the Expert: Fears About COVID-19, Variants, and the Vaccine," Nova Southeastern University, Fort Lauderdale, FL, United States. (July 14, 2021).

Continuing Education Program, "Patient Outcomes and Satisfaction Using the Cochlear™ Recipient Solutions Program,"

Cochlear Americas. (June 24, 2021).

Continuing Education Program, "Deep Neural Networks - Overview and Evidence," Oticon. (May 21, 2021).

Continuing Education Program, "Speech in Noise Overview and Protocol," Oticon. (May 14, 2021).

Workshop, "2021-22 Annual Cybersecurity Awareness Training," Nova Southeastern University, Fort Lauderdale, FL, United States. (May 3, 2021).

Conference Attendance, "American Academy of Audiology Conference 2021," American Academy of Audiology, Virtual. (April 14, 2021 - April 16, 2021).

Continuing Education Program, "Helping Your Clients Navigate Their Medicare Hearing Aid Benefits," International Hearing Society, USA. (March 25, 2021).

Continuing Education Program, "Programming and Verification Tools for Cochlear Implants with Interacoustics Eclipse and Titan," Interacoustics Academy, USA. (March 25, 2021).

Continuing Education Program, "SIN-full Assessment," Interacoustics Academy, USA. (March 16, 2021).

Workshop, "All Healthcare Professionals Need Informatics Education," Jones & Bartlett Learning. (March 5, 2021).

Workshop, "Budgeting in Higher Education," Association of Schools Advancing Health Professions. (March 5, 2021).

Continuing Education Program, "Mastering Marketing in your Clinic," Cochlear Americas. (February 18, 2021).

Continuing Education Program, "Independent Testing of Semicircular Canals and Otoliths: vHIT, VEMPs, OCR, and SVV," Interacoustics Academy, USA. (February 11, 2021).

Continuing Education Program, "2021 Coding and Reimbursement Update," Audiology Online. (February 10, 2021).

Continuing Education Program, "Advocacy Update 2021: Challenges and Opportunities," American Academy of Audiology, Reston, VA, USA. (February 10, 2021).

Continuing Education Program, "BPPV: Diagnosis and Treatment," Interacoustics Academy, USA. (February 10, 2021).

Continuing Education Program, "Peripheral Abnormalities in VNG: Spontaneous/Positional Nystagmus and Caloric Tests," Interacoustics Academy, USA. (February 9, 2021).

Continuing Education Program, "Central Abnormalities in VNG: Oculomotor and Gaze Tests," Interacoustics Academy, USA. (February 8, 2021).

Continuing Education Program, "Key to Success Virtual Conference," ReSound. (February 2, 2021).

Continuing Education Program, "Sky CI Marvel: Partnering for Better Hearing," Advanced Bionics. (January 27, 2021).

Continuing Education Program, "Merit Based Incentive Payment System: A Mechanism for Documenting the Value of Audiology," Academy of Doctors of Audiology, USA. (January 15, 2021).

Continuing Education Program, "OticonNext: The New Perspective in Hearing Care." Oticon. (January 12, 2021).

Continuing Education Program, "Fitting Techniques for the Sound that Changes Everything," Widex. (December 10, 2020).

Workshop, "2020-2021 Annual Provider Specific Compliance Training Audiology," Nova Southeastern University, Fort Lauderdale, FL, United States. (December 10, 2020).

Continuing Education Program, "Smart Hearing Bimodal Workshop," Cochlear Americas/ReSound. (November 12, 2020).

Continuing Education Program, "2020 Hearing Wellness Practicum," Starkey Hearing Technologies. (November 6, 2020).

Continuing Education Program, "Beyond horizontal eye movements: The importance of vertical and torsional eye movements in the diagnosis of vestibular and neurological conditions," Interacoustics Academy, USA. (October 30, 2020).

Continuing Education Program, "Newborn Hearing Screening: Improving Your Experience and Outcomes," Maico Diagnostics, USA. (September 15, 2020).

Continuing Education Program, "Wideband tympanometry: what do I do with the results," Interacoustics Academy, USA. (August 20, 2020).

Continuing Education Program, "Otoscan 3D Ear Scanning," Natus Hearing & Balance Academy, USA. (July 28, 2020).

Continuing Education Program, "Demystifying the Speech-Perception Test Battery So All Dispensing Audiologists Can Conduct It," American Academy of Audiology, Reston, VA, USA. (July 17, 2020).

Continuing Education Program, "Advances in Tympanometry: Trends in Pediatric Assessment," Interacoustics Academy, USA. (July 15, 2020).

Continuing Education Program, "Advances in ASSR: Trends in Pediatric Assessment," Interacoustics Academy, USA. (July 14, 2020).

Continuing Education Program, "Efficiency in Pediatric Evaluation," American Academy of Audiology, Reston, VA, USA. (July 14, 2020).

Continuing Education Program, "Hot Topics in Pediatric Audiology," Phonak, USA. (July 14, 2020).

Continuing Education Program, "Advances in ABR: Trends in Pediatric Assessment," Interacoustics Academy, USA. (July 13, 2020).

Continuing Education Program, "Diabetes Drug Management: An Overview for Audiologists," American Academy of Audiology, Reston, VA, USA. (July 10, 2020).

Continuing Education Program, "OTC/PSAPs: Technical Capabilities, Models of Clinical Integration, and Proposed Rules/Legislation," American Academy of Audiology, Reston, VA, USA. (July 8, 2020).

Workshop, "Clinical Application of VEMP Tuning Measurement," Interacoustics, USA. (June 25, 2020).

Self-Study Program, "CH-AP Module 1: Role of the Preceptor in a Clinical Environment," American Academy of Audiology, Reston, VA, USA. (June 16, 2020).

Self-Study Program, "CH-AP Module 2: Clinical Dynamics-Assessment and Performance," American Academy of Audiology, Reston, VA, USA. (June 16, 2020).

Self-Study Program, "CH-AP Module 3: Creating Effective Learning Programs," American Academy of Audiology, Reston, VA, USA. (June 16, 2020).

Self-Study Program, "CH-AP Module 4: Legal, Ethical, and Professional Considerations," American Academy of Audiology, Reston, VA, USA. (June 16, 2020).

Continuing Education Program, "'Dizzy' Patient: So Many Test Choices! How Do I Get It Right?," American Academy of Audiology, Reston, VA, USA. (June 11, 2020).

Tutorial, "Level II CJIS Security & Awareness Training," Criminal Justice Information System (CJIS). (June 3, 2020).

Continuing Education Program, "OAEs: The Theory of Best Practice," Interacoustics, USA. (May 28, 2020).

Continuing Education Program, "Cultural Competency for LGBTQ Population," American Academy of Audiology, Reston, VA, USA. (May 21, 2020).

Workshop, "CFCC and ASHA Certification Updates Webinar," Council of Academic Programs in Communication Sciences & Disorders, Fort Lauderdale, Florida, United States. (May 20, 2020).

Continuing Education Program, "Smart Scheduling," Phonak, USA. (May 15, 2020).

Continuing Education Program, "Getting Back to Business: Trends, KPIs, and Conversions," Widex USA, USA. (May 13, 2020).

Workshop, "CAA Accreditation Update Webinar," Council of Academic Programs in Communication Sciences & Disorders, Fort Lauderdale, Florida, United States. (May 11, 2020).

Continuing Education Program, "Mind Your Step: How to Successfully Incorporate an Audiology Assistant," American Academy of Audiology, Reston, VA, USA. (May 8, 2020).

Continuing Education Program, "The Aging Perceptual System," Oticon US, USA. (May 8, 2020).

Continuing Education Program, "Coaching & Counseling," Phonak, USA. (May 7, 2020).

Continuing Education Program, "Gender Speak, Gender Science," American Academy of Audiology, Reston, VA, USA. (May 6, 2020).

Continuing Education Program, "Supporting Patients at a Distance: Telehealth Now and in the Future," American Academy of Audiology, Reston, VA, USA. (May 1, 2020).

Workshop, "Clinical Education in the Time of COVID-19, Parts I & II," Association of Schools Advancing Health Professions, Washington, DC, USA. (April 17, 2020 - May 1, 2020).

Continuing Education Program, "Coding Updates for 2020," American Academy of Audiology, Reston, VA, USA. (April 29, 2020).

Continuing Education Program, "Infection Control for Hearing Healthcare Practices," Widex USA, USA. (April 29, 2020).

Workshop, "Teaching Quantitative and Qualitative Research Methods: How to Structure Student Learning and Assessment," Jones & Bartlett Learning, Burlington, MA, USA. (March 3, 2020).

Continuing Education Program, "Bark for BAERs! Canine Auditory Evoked Potentials," Nova Southeastern University, Fort Lauderdale, Florida, United States. (February 22, 2020).

Workshop, "Building an Online Learner Community: What to Stop, Start, and Continue," Mentor Collective, Boston, MA, USA. (February 18, 2020).

Workshop, "Respondus 4.0 and the Test Bank Network: Quickly Create Online Exams," Nova Southeastern University, Fort Lauderdale, FL, United States. (February 12, 2020).

Continuing Education Program, "Advocacy Update - The Year Ahead," American Academy of Audiology, Reston, VA, USA. (January 16, 2020).

Workshop, "Supporting Today's Diverse Students: The Opportunity of Peer Mentorship," Mentor Collective, Boston, MA, USA. (November 21, 2019).

Workshop, "University FERPA Training for Faculty and Staff," Nova Southeastern University, Fort Lauderdale, FL, United States. (October 7, 2019).

Workshop, "Entrepreneur Boot Camp," Nova Southeastern University Sharon and Mitchell W. Berger Entrepreneur Law Clinic, Fort Lauderdale, Florida, United States. (September 5, 2019 - September 7, 2019).

Workshop, "2019 Council on Academic Accreditation Site Visitor Training Workshop," American Speech Language Hearing Association, Rockville, MD, USA. (June 2, 2019 - June 4, 2019).

Continuing Education Program, "AURICAL: Integrating Best Practice Throughout the Fitting Process," Otometrics, Fort Lauderdale, FL, United States. (May 29, 2019).

Workshop, "Design Tips To REALLY Make Your Slides Pop!," Nova Southeastern University, Fort Lauderdale, FL, United States. (May 28, 2019).

Workshop, "How to Maximize Your Millennial Talent at Work," University of Maryland, College Park, MD, United States. (May 15, 2019).

Workshop, "Building Better Outcomes: The "It" Factor That Enables Top Therapists to Succeed," Clinicient, United States. (April 25, 2019).

Workshop, "Why Your Business Value Matters," University of Maryland, College Park, MD, United States. (April 24, 2019).

Workshop, "Financial Planning Strategies," University of Maryland, College Park, MD, United States. (April 17, 2019).

Workshop, "Instructor Training for LockDown Browser & Respondus Monitor: Prevent Cheating During Online Exams," Nova Southeastern University, Fort Lauderdale, FL, United States. (April 11, 2019).

Conference Attendance, "American Academy of Audiology Conference 2019," American Academy of Audiology, Columbus, OH, USA. (March 27, 2019 - March 30, 2019).

Continuing Education Program, "An Overview of IONM (Intraoperative Neurophysiological Monitoring)," Nova Southeastern University, Fort Lauderdale, FL, United States. (March 14, 2019).

Workshop, "Plagiarism Detection Tool Webinar," Nova Southeastern University, Fort Lauderdale, FL, United States. (March 14, 2019).

Workshop, "PeerMark Tool Webinar," Nova Southeastern University, Fort Lauderdale, FL, United States. (March 12, 2019).

Continuing Education Program, "Machine Learning in hearing aids – What can we see and where are we going," Widex, Lyngø, Allerød Municipality, Denmark. (January 29, 2019).

Workshop, "The Best PowerPoint Shortcut Secrets For 2019," Nuts & Bolts, US. (January 17, 2019).

Continuing Education Program, "ADHEAR by MED-EL: Bone Conduction Without Pressure," MED-EL Corporation, Boca Raton, FL, USA. (November 14, 2018).

Continuing Education Program, "25th Anniversary Continuing Education Event," Nova Southeastern University, Fort Lauderdale, FL, United States. (November 10, 2018).

Workshop, "Entrepreneur Boot Camp," Nova Southeastern University Sharon and Mitchell W. Berger Entrepreneur Law Clinic, Fort Lauderdale, Florida, United States. (August 10, 2018 - August 11, 2018).

Tutorial, "CJIS Security & Awareness Training," Criminal Justice Information System (CJIS). (August 2, 2018).

Continuing Education Program, "Widex EVOKE: A New Fitting Experience Seminar," Widex, Fort Lauderdale, Florida, United States. (July 30, 2018).

Continuing Education Program, "The PPOD+A Tool Guide: Interprofessional Education and Collaboration with Pharmacy, Podiatry, Optometry, Dentistry and Audiology," Academy of Doctors of Audiology. (April 24, 2018).

Conference Attendance, "American Academy of Audiology Conference 2018," American Academy of Audiology, Nashville, TN, USA. (April 18, 2018 - April 20, 2018).

Conference Attendance, "CAPCSD Clinic Directors Symposium," Council on Academic Programs in Communication Sciences and Disorders (CAPCSD), Austin, TX, USA. (April 10, 2018 - April 11, 2018).

Workshop, "The "She" Suite: Women in the C-Suite and in Leading Roles," Washington University, St Louis, MO, US. (March 8, 2018).

Seminar, "Neurocore Brain Performance," Neurocore, Boca Raton, FL, United States. (January 11, 2018).

Seminar, "Building your Leadership Capacity: Clinical Educator Conversations (CEC)," Nova Southeastern University, Fort Lauderdale, FL, United States. (December 1, 2017).

Journal Club, "Development and pilot testing of the Family Conference Rating Scale," Nova Southeastern University, Fort Lauderdale, FL, United States. (November 28, 2017).

Continuing Education Program, "Pediatric Grand Rounds: Early Identification of Hearing Loss in Infants and Children and the Role of Cochlear Implants," Joe DiMaggio Children's Hospital, Memorial Healthcare System, Hollywood, FL, USA. (November 16, 2017).

Workshop, "MED-EL Audiology Training," MED-EL Corporation, Boca Raton, FL, USA. (November 10, 2017).

Workshop, "Hear Your Way with Cochlear," Cochlear Corporation, Norfolk, VA, USA. (October 4, 2017).

Conference Attendance, "Navigating the Future: Turning Challenges into Opportunities," Florida Academy of Audiology, Orlando, FL, USA. (August 3, 2017 - August 5, 2017).

Conference Attendance, "AudiologyNOW!," American Academy of Audiology, Indianapolis, IN, USA. (April 5, 2017 - April 8, 2017).

Workshop, "Teaching for Learning Transfer," NSU, College of Health Care Sciences, Fort Lauderdale, FL, USA. (March 22, 2017).

Conference Attendance, "44th Annual Scientific and Technology Meeting," American Auditory Society, Scottsdale, AZ, USA. (March 2, 2017 - March 4, 2017).

Workshop, "Promoboxx Overview for Phonak US Clinics," Phonak. (February 23, 2017).

Workshop, "Introduction to the Advanced Bionics HiResolution Bionic Ear," Advanced Bionics, Warrenville, IL, USA. (September 28, 2016 - September 30, 2016).

Conference Attendance, "Audigy Team Summit," Audigy Group, Las Vegas, NV, USA. (September 22, 2016 - September 25, 2016).

Conference Attendance, "AudiologyNOW!," American Academy of Audiology, Phoenix, AZ, USA. (April 13, 2016 - April 16, 2016).

Conference Attendance, "43rd Annual Scientific and Technology Meeting," American Auditory Society, Scottsdale, AZ, USA. (March 3, 2016 - March 5, 2016).

Continuing Education Program, "A2Z of Otoacoustic Emissions," Nova Southeastern University, Fort Lauderdale, Florida, United States. (November 5, 2015).

Continuing Education Program, "Pediatric Vestibular Disorders Symposium," Cincinnati Children's Hospital, Cincinnati, OH, USA. (October 23, 2015).

Continuing Education Program, "Audiology is Both Science and a Business," Nova Southeastern University, Fort Lauderdale, Florida, United States. (September 18, 2015).

Workshop, "Driving Practice Growth & Market Differentiation," Phonak, Fort Lauderdale, Florida, United States. (May 14, 2015).

Workshop, "The Phonak Venture Continues," Phonak, Fort Lauderdale, Florida, United States. (May 14, 2015).

Conference Attendance, "AudiologyNOW!," American Academy of Audiology, San Antonio, TX, USA. (March 25, 2015 - March 28, 2015).

Conference Attendance, "42nd Annual Scientific and Technology Meeting," American Auditory Society, Scottsdale, AZ, USA. (March 5, 2015 - March 7, 2015).

Workshop, "How Aided Speech Audibility Can Build A New Social Norm in Hearing Care," Audioscan, Fort Lauderdale, Florida, United States. (November 22, 2014).

Workshop, "New Faculty Forum," Nova Southeastern University, Fort Lauderdale, Florida, United States. (November 11, 2014).

Conference Attendance, "Contemporary Evaluation of Vestibular Function," Nova Southeastern University, Fort Lauderdale, Florida, United States. (November 7, 2014 - November 8, 2014).

Workshop, "New Faculty Orientation," Nova Southeastern University, Fort Lauderdale, Florida, United States. (September 23, 2014).

Workshop, "Scoring Rubrics: Using Assessment to Inform and Improve," NSU, College of Health Care Sciences, Fort Lauderdale, FL, USA. (September 16, 2014).

Workshop, "Improving Test Writing Skills," NSU, Fort Lauderdale, FL, USA. (May 8, 2014).

Conference Attendance, "AudiologyNOW!," American Academy of Audiology, Orlando, FL, USA. (March 26, 2014 - March 29, 2014).

Workshop, "Gamification of Education and Game-Based Learning," NSU, Fort Lauderdale, FL, USA. (March 18, 2014).

Workshop, "Current Issues in Tinnitus and Hyperacusis and Management," Nova Southeastern University, Fort Lauderdale, Florida, United States. (February 15, 2014).