

CURRICULUM VITAE

May, 20

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Education

University of Nebraska-Lincoln B.S., 1985, Education
(Area of Study: Speech Pathology & Audiology)
University of Nebraska-Lincoln M.S., 1987, Speech Pathology and Audiology
University of Nebraska-Lincoln Ph.D., 1994, Education-Psychological and Cultural Studies
(Area of Study: Audiology & Hearing Science)

Leadership Education

2019 New Dean's Institute, Council of Academic Deans of Research Education Institutions
2017-2018 Academic Leadership Program, Big Ten Academic Alliance
2017 Professional Fundraising for Deans and Academic Leaders, Advancement Resources
2014 Advanced Leadership Development in Higher Education, Academic Impressions
2012 Department Executive Officer Seminar, Big Ten Academic Alliance

Professional Experience

2019-present Dean, College of Education and Human Sciences, University of Nebraska, Lincoln, NE
2012-present Professor, Dept. of Special Education and Communication Disorders, College of Education and Human Sciences, University of Nebraska, Lincoln, NE
2012-2019 Chair, Dept. of Special Education and Communication Disorders, College of Education and Human Sciences, University of Nebraska, Lincoln, NE
2012-2019 Director, Barkley Memorial Center, College of Education and Human Sciences, University of Nebraska, Lincoln, NE
2011 Professor, Dept. of Communication Sciences and Disorders, College of Allied Health Sciences, East Carolina University, Greenville, NC
2003-2011 Associate Professor, Dept. of Communication Sciences and Disorders, School of Allied Health Sciences, East Carolina University, Greenville, NC
2002-2003 Doctoral Faculty, Interdisciplinary Neuroscience Program, University of Missouri, Columbia, MO
1999-2003 Assistant Professor, Dept. of Surgery, Div. of Otolaryngology, University of Missouri School of Medicine, Columbia, MO
1997-1999 Research Assistant Professor, Dept. of Surgery, Div. of Otolaryngology, University of Missouri School of Medicine, Columbia, MO
1996-1999 Clinical Assistant Professor (Adjunct), Dept. of Communication Science and Disorders, School of Health Related Professions, University of Missouri-Columbia, Columbia, MO
1995 Visiting Assistant Professor, Section of Neurobiology, Physiology, and Behavior, Division of Biological Sciences, University of California-Davis, Davis, CA
1994-1997 Research Associate, Dept. of Surgery, Div. of Otolaryngology, University of Missouri School of Medicine, Columbia, MO
1991- 1992 Graduate Research Assistant, Neurophysiology Laboratory, University of Nebraska Medical Center, College of Dentistry, Lincoln, NE
1992 Graduate Teaching Assistant, Dept. of Special Education and Communication Disorders, University of Nebraska, Lincoln, NE
1991 Audiologist, ENT Specialties, P.C., Lincoln, NE

- 1989-1991 Graduate Assistant, Dept. of Special Education and Communication Disorders, University of Nebraska, Lincoln, NE
- 1988-1989 Audiologist, Great Plains Ear, Nose, and Throat, Head and Neck Surgery Institute, P.C., Lincoln, NE
- 1987-1988 Audiologist, Madonna Centers, Lincoln, NE
- 1985-1986 Audiologist Trainee, VA Medical Center, Omaha, NE

Administrative Accomplishments as Department Chair and Director

- Managed annual budget of \$6.5 million derived from state funds, trust funds, clinic revenue, grants and foundation (donors). Revised annual expenditures to support strategic initiatives through generous start up packages for strategic hires, update technology in clinics and classrooms, provide support for new technology, and complete some renovations at the Barkley Center.
- Maintained a strong relationship with Barkley Advisory Committee (Barkley Trustees, Vice Chancellor for Business and Finance, NU Foundation, and Union Bank) to oversee the Barkley Trust endowment that supports part of the department's mission in training professionals to work with children and adults who are deaf or hard of hearing and children with speech and language impairments.
- Led department-wide strategic planning that emphasized research, teaching, and service/outreach. Established a department-wide mission, vision, and framework for training.
- Developed a hiring plan to build clusters of faculty around four areas of emphasis: academics (reading, writing, and math), behavior, speech-language intervention, and sensory access/rehabilitation.
 - Hired 30 faculty and 8 support staff over 7.5 years.
 - Corrected gender differences in starting salaries.
 - Worked to enhance ethnic diversity among the faculty with nearly 25% of new hires representing diverse cultures, including international hires.
- Established workload apportionments to facilitate scholarship and creative activity. Supported faculty to attend research development programs and promoted submission of grant applications.
 - In FY18, the department submitted \$28 million in grant proposals (highest total ever for the department and highest in the college) and received \$2.3 million in grant awards. Annual grant awards average \$3 million.
 - Implemented research mentorship program connecting junior faculty with successful senior faculty.
 - Implemented mid-promotion (or mid-tenure) review process for junior faculty.
- Enhanced department efforts to promote excellence in teaching.
 - Completed annual teaching observations for adjunct, pre-tenure, and not fully promoted faculty. Implemented a faculty-developed process for peer review of teaching.
 - Implemented mentorship program connecting junior faculty with excellent senior faculty instructors. Identified teaching mentors for new adjunct faculty.
 - Implemented mid-promotion (or mid-tenure) review process for junior faculty.
- Served as a role model and mentor to faculty in teaching, research, and service. Completed performance evaluations annually for all faculty and staff regarding their charge and specific job duties. Provided guidance in establishing and obtaining goals.
 - Guided 10 faculty members to achieve promotion and/or tenure.
 - Reorganized support staff and job responsibilities to better support department activities.
- Revised curriculum in a manner that respected individual program areas but also celebrated interdisciplinary opportunities and facilitated a healthy pipeline of students from undergraduate to masters to doctoral training.
 - Total student enrollment grew 5% between 2011 and 2017.
 - Total enrollment in Fall 2017 (612 students) was the second highest in the department's history.
 - Highest graduate student enrollment ever in Fall 2017 (217 students)

- Facilitated and supported development of three study abroad programs each associated with a program area.
- Worked with the NU foundation to build and maintain strong relations with donors.
 - Established four new endowments (\$50,000 to \$1,000,000) for the department.
 - Annual donations increased an average of 38% per year from 2013 to 2017.
- Used a variety of strategies to improve dissemination of key department information (e.g., budget, funding opportunities, enrollment, class scheduling, etc.).
- Enhanced department interactions and collaborations with a variety of campus and non-campus entities such as the Center for Brain Biology and Behavior (CB3), Raikes School, Nebraska Center for Research on Children, Youth, Families and Schools (CYFS), EduCare, and Boys Town National Research Institute.
- Worked with faculty and administrators across all NU campuses (UNMC, UNK, UNO and UNL) to develop intercampus training in early intervention/early childhood special education.
- Collaborated with department and college faculty and staff for planning, writing, and successfully completing re-accreditation for all three programs in the department.
- Organized and coordinated clinic enterprises within the Barkley Memorial Center to facilitate compliance and enhance research opportunities.
 - Worked with clinic faculty, staff, department and campus IT, third party host, and software provider to implement electronic patient management system, electronic medical records and patient portal in the Barkley Speech Language and Hearing Clinic (Barkley Clinic).
 - Worked with UNL IRB to develop approval process for studies proposing to recruit from or work with clients at the Barkley Clinic.
 - Worked with clinic coordinators, internal auditors, and legal counsel to develop and implement policies, practices, and training for compliance with HIPAA and Medicare regulations.
 - Worked with two departments in the college to revise the organizational structure and operations for the Schmoker Reading Center. Also, worked with these departments and the college to relocate the Reading Center to the Barkley Memorial Center.

Honors and Awards

Graduate Commencement Speaker, University of Nebraska Lincoln, May 3, 2019
 Fellow, Academic Leadership Program, Big Ten Academic Alliance, 2017-2018
 Award for Continuing Education (ACE), American Speech Language Hearing Association, 2016
 Fellow, American Speech Language Hearing Association, 2011
 Dean's Award for Outstanding Research, College of Allied Health Sciences (ECU), 2008
 New Achiever Award, College of Education and Human Sciences (UNL), 2005
 Mentor, Honors Convocation, University of Missouri, 1999
 Eloise Gerry Fellowship (SDE/Graduate Women in Science, Inc.), 1993-1994
 NASA Space Grant Consortium Graduate Fellowship (UNMC), 1992-1994
 Mildred Francis Thompson Fellowship (UNL), 1992-1993
 Maude Hammond Fling Fellowship (UNL), 1989-1991
 Certificate of Clinical Competence, American Speech Language Hearing Association, 1988
 Audiology Traineeship (VA Medical Center), 1985-1986
 Honor Student, National Student Speech Language Hearing Association, 1986

Funded Grant Proposals (totaling \$6.32 million)

Program Development

State Advocacy Grant for Nebraska Speech Language Hearing Association (Nov. 2019-Oct. 2020)
 American Speech Language Hearing Association, Total Award: \$900

State Advocacy Grant for Nebraska Speech Language Hearing Association (Nov. 2018-Oct. 2019)
 American Speech Language Hearing Association, Total Award: \$1000

NU Intercampus Program in Early Intervention (NU-EI) (August 2016-July 2019)
 NU System, President's Bridge Funding, Total Award: \$254,592

Learning Technology Academy (August 2016-May 2017)
UNL Office of Academic Affairs, Total Award \$25,000

Collaborative Planning: NU Intercampus Program in Early Intervention (NU-EI) (July 2016-June 2017)
NU Online World Wide, Total Award \$6000

Chapter Grant (increase undergraduate participation at Neuroscience Symposium Fall 2009)
Society for Neuroscience, Total Award \$1800

Research (Principal Investigator or Consortium PI)

Vestibular Recovery Following Ototoxic Injury (Oct. 2018-Sept. 2023)
Role: Consortium PI (PI: Alan Cheng, PhD, Stanford University)
NIH NIDCD R01DC016919, Consortium Award: \$333,479

Hair Bundle Proteins (July 2018-June 2023)
Role: Consortium PI (PI: Peter Gillespie, PhD, Oregon Health Sciences University)
NIH NIDCD R01DC002368, Consortium Award: \$105,070

Synaptic Mechanisms of Mammalian Vestibular Efferent Responses (March 2018-Febr. 2023)
Role: Consortium PI (PI: J. Chris Holt, PhD, University of Rochester)
NIH NIDCD R01DC016974-01, Consortium Award: \$191,875

Critical Role for KCNA10 in the Vestibular System (July 2017-June 2018)
Role: PI, UNL, New User Core Facility Program, Total Award: \$4,850

Critical Role for KCNA10 in the Vestibular System (June 2016-May 2018)
Role: PI, UNL, Layman New Directions Grant, Total Award: \$9,000

Cell Type-Specific Transcriptional Cascades in Inner Ear Development (April 2016-March 2018)
Role: Consortium PI (PI: Ronna Herzano, PhD, Univ. of Maryland School of Medicine)
NIH NIDCD R01 DC013817 01A1, Consortium Budget: \$72,805

Sensory Reweighting in Trauma or Blast Induced Dizziness (October 2012-June 2014)
Role: PI, ECU-DoD Partnership: Operation Re-entry North Carolina, Total Award: \$123,105

Genetic Basis for Gravity Receptor Dysfunction in Mice (July 2009-Nov. 2011)
Role: PI, NIH NIDCD 3R01 DC006443-04S1 ARRA Supplement, Total Award: \$175,595

NADPH Oxidase Complexes in Mammalian Vestibular Function (June 2009-Nov. 2010)
Role: Consortium PI (PI: David Bergstrom, PhD, The Jackson Laboratory)
NIH NIDCD R01 DC007431-04S1 ARRA Supplement, Consortium Supplement: \$25,000

Genetic Basis for Gravity Receptor Dysfunction in Mice (Dec. 2005-Nov. 2011)
Role: PI, NIH NIDCD R01 DC006443, Total Award: \$1,458,552

NADPH Oxidase Complexes in Mammalian Vestibular Function (Dec. 2005-Nov. 2009)
Role: Consortium PI (PI: David Bergstrom, PhD, The Jackson Laboratory)
NIH NIDCD R01 DC007431, Total Award: \$1,352,500 (Consortium Budget: \$142,500)

Mechanisms for Hearing Loss in Sickle Cell Disease (Jan 2004-June 2005)
Role: PI, ECU Research/Creative Activity Grant, Total Award: \$10,000
(additional seed money from the School of Allied Health \$8000)

Screening Vestibular Function Using Evoked Potentials (Sept. 1999-Aug. 2004)
Role: PI, NIH NIDCD R01 DC04477, Total Award: \$564,464

Peripheral Vestibular Function in Experimental Endolymphatic Hydrops (Jan. 1997-May 1998)
Role: PI, Deafness Research Foundation, Total Award: \$14,603

The Function of the Avian Macula Lagena (Jan. 1995-Dec. 1996)
Role: PI, NIH NIDCD R03 DC02573, Total Award: \$60,135.

Research (Co-investigator or Collaborator)

Sources of Abnormal Sensory Reweighting in Fall Prone Older Adults (July 2008-June 2009)

Role: Collaborator (PI: Leslie Allison, PhD, ECU Dept. of Physical Therapy)
ECU Division of Research and Graduate Studies, Total Award: \$19,229

Role of Otocadherin and CAML in the Inner Ear (July 2006-June 2007)

Role: Collaborator (PI: Elizabeth Bryda, PhD, University of Missouri)
Deafness Research Foundation, Total Award: \$20,000

Ontogeny of Spatial Coding in the Mouse Utricle (Sept. 2003-Aug. 2008)

Role: Co-investigator (PI: Timothy A. Jones, PhD, ECU)
NIH NIDCD R01 DC005776, Total Award: \$1,814,756

Laser Myringotomy with Mitomycin C (July 1999-June 2001)

Role: Co-investigator (PI: Scott Estrem, MD, University of Missouri)
UM Research Board, Total Award: \$47,714

Embryonic Development of the Avian Cochlear Tonotopic Map (May 1997-Apr. 2002)

Role: Co-Investigator (PI: Timothy A. Jones, PhD, University of Missouri)
NIH NIDCD R01 DC02753, Total Award: \$474,560

Vestibular Ontogeny, Adaptation, and the Effects of Gravitational Loading in the Rat (1997-2000)

Role: Co-Investigator (PI: Timothy A. Jones, PhD), NASA NAG5-4607, Total Award: \$296,020

Mentored Student Grants

Student Achievement in Classrooms with REDCAT Amplification Systems (June 2016-May 2017)

Role: Mentor (PI: Chelsea Hull, AuD Student, UNL)
American Academy of Audiology Foundation, Total Award: \$2400

Assessment of a Hearing Conservation Program Designed for 4-H Youth (June 2015-May 2016)

Role: Mentor (PI: Macy Schott, AuD Student, UNL)
American Academy of Audiology Foundation, Total Award: \$2200

Morphological Correlates of Gravity Receptor Functional Aging (June 2009-July 2010)

Role: Mentor (PI: Jessica Pierce, AuD/PhD student, ECU)
American Academy of Audiology Foundation and American Balance Institute, Total Award \$4605

NADPH Oxidase and Auditory Function (June 2008-July 2009)

Role: Mentor (PI: Kristal Mills, AuD/PhD Student, ECU)
American Academy of Audiology Foundation, Total Award: \$5000

Functional Aging of Inner Ear Sensory Systems (July 2006-December 2007)

Role: Mentor, (PI: Bruce Mock, AuD/PhD Student)
NIH NIDCD F31 DC008012, Total Award: \$45,690

Gravity Receptor Neural Adaptation During Repetitive Exposure to Acceleration Transients (2006- 2007)

Role: Mentor, (PI: Chris Gaines AuD/PhD Student)
American Academy of Audiology Summer Research Fellowship Award, Total Award: \$2500

Functional Aging of the Inner Ear Sensory Systems (July 2005-June 2006)

Role: Mentor (PI: Bruce Mock, AuD/PhD Student, ECU)
American Academy of Audiology Foundation, Total Award: \$4935

Publications (*Student Co-author)**Published Journal Articles (Peer-reviewed)**

1. Vijayakumar S, **Jones SM**, Jones TA, Tian C, Johnson KR (2019) Spontaneous mutations of the *Zpld1* gene in mice cause semicircular canal dysfunction but do not impair gravity receptor or hearing functions. Scientific Reports, In Press.

2. *Sayyid ZN, *Wang T, Chen L, **Jones SM**, Cheng AG (2019) *Atoh1* directs regeneration and functional recovery of the mature mouse vestibular system. *Cell Reports*, 28(2), 312-324. PMID: PMC6659123
3. Wang T, Niwa M, Sayyid ZN, Hosseini DK, Pham N, **Jones SM**, Ricci AJ, Cheng AG (2019) Uncoordinated maturation of developing and regenerating mammalian vestibular hair cells. *PLOS Biology*, 17(7):e3000326. doi: 10.1371/journal.pbio.3000326. PMID: PMC6601258
4. Reijntjes OJ, Lee JH, Park SP, Schubert NMA, vanTuinen M, Vijayakumar S, Jones TA, **Jones SM**, Gratton MA, Xia, XM, Yamoah E, Pyott S (2019) Sodium-activated potassium channels shape peripheral auditory function and activity of the primary auditory neurons in mice. *Scientific Reports*, 9(1):2573. doi: 10.1038/s41598-019-39119-z. PMID: PMC6384918
5. **Jones SM**, Vijayakumar S, Dow SA, Holt JC, Jordan PM, Luebke AE (2018) Loss of α -calcitonin gene-related peptide (α CGRP) reduces otolith activation timing dynamics and impairs balance. *Frontiers in Molecular Neuroscience*, August 24, 11, 289. doi: 10.3389/fnmol.2018.00289. PMID: PMC6117397
6. Kohrman D, Avenarius MR, Jung JY, Askew C, **Jones SM**, Hunker KL, Azaiez H, Rehman AU, Schraders M, Najmabadi H, Kremer H, Smith RJH, Géléoc GSG, Dolan DF, Raphael Y (2018) *Grxcr2* is required for stereocilia morphogenesis in the cochlea. *PLOS One*, Aug. 29, 13(8), e0201713, doi: 10.1371/journal.pone.0201713. PMID: PMC6114524
7. Yang L, Xu Y, Zhang Y, Vijayakumar S, **Jones SM**, Lundberg YYW (2018) Mechanism underlying the effects of estrogen deficiency on otoconia. *Journal of the Association for Research in Otolaryngology*, 19(4), 353-362. doi: 10.1007/s10162-018-0666-8. PMID: 6081893
8. Antoine MW, Zhu X, Dieterich M, Brandt T, Vijayakumar S, McKeehan N, Arezzo JC, Zukin RS, Borkholder DA, **Jones SM**, Frisina RD, Hebert JM (2018) Early uneven ear input induces long-lasting differences in left-right motor function. *PLOS Biology*, Mar 13;16(3):e2002988. <https://doi.org/10.1371/journal.pbio.2002988>. PMID: PMC5849283
9. Avenarius M, Krey J, Dumont R Morgan C Vijayakumar S, Cunningham C, Scheffer D, Corey D, Muller U, **Jones SM**, Barr-Gillespie P (2017) Heterodimeric capping protein is required for stereocilia length and width regulation. *Journal of Cell Biology*, 216(11), 3861-3881. PMID: PMC5674897
10. Antoine MW, Vijayakumar S, McKeehan N, **Jones SM**, Hebert JM (2017) The severity of vestibular dysfunction in deafness as a determinant of comorbid hyperactivity or anxiety. *Journal of Neuroscience*, 37(20), 5144-5154. PMID: PMC5444197
11. Matern M, Vijayakumar S, Margulies Z, Milon B, Song Y, Elkon R, Zhang X, **Jones SM**, Hertzano R (2017) *Gfi1*-cre mice have early onset progressive hearing loss and induce recombination in numerous inner ear non-hair cells. *Scientific Reports*, 7, 42079, doi: 10.1038/srep42079. PMID: PMC5299610
12. Isgrig K, Shteamer JW, Belyantseva IA, Drummond MC, Fitzgerald TA, Vijayakumar S, **Jones SM**, Griffith AJ, Friedman TB, Cunningham LL, Chien WW (2017) Gene therapy restores balance and auditory functions in a mouse model of Usher syndrome. *Molecular Therapy*, 25(3), 780-791. PMID: PMC5363211
13. Krey JF, Dumont RA, Kristofiak ES, Vijayakumar S, Choi D, Rivero F, Kachar B, **Jones SM**, Barr-Gillespie PG (2016) *Plastin-1* widens stereocilia by transforming actin filament packing from hexagonal to liquid. *Journal of Cell Biology*, 251(4), 215(4), 467-482. PMID: PMC5119939
14. Ohlemiller K, **Jones SM**, Johnson K (2016) Application of mouse models to research in hearing and balance. *Journal of the Association for Research in Otolaryngology*, 17(6), 493-523. PMID: PMC5112220
15. Krey JF, Drummond MC, Foster S, Porsov E, Vijayakumar S, Choi D, Friderici K, **Jones SM**, Nuttall AL, Barr-Gillespie PG (2016) *Annexin A5* is the most-abundant membrane-associated protein in stereocilia but is dispensable for hair bundle development and function. *Scientific Reports*, 6, 27221, doi: 10.1038/srep27221. PMID: PMC4890179

16. *Mock BE, Vijayakumar S, Pierce J, Jones TA, **Jones SM** (2016) Differential effects of *Cdh23*^{753A} on auditory and vestibular functional aging in C57BL/6J mice. *Neurobiology of Aging*, 43, 13-22. PMID: PMC4893173
17. Ebrahim S, Avenarius MR, Grati M, Krey JF, Windsor AM, Sousa AD, Ballesteros A, Cui R, Millis BA, Salles FT, Baird MA, Davidson MW, **Jones SM**, Choi D, Dong L, Raval M, Yengo CM, Barr-Gillespie PG, Kachar B (2016) Stereocilia staircase spacing is influenced by myosin III motors and their cargos epsin-1 and espin-like. *Nature Communications*, 7: 10833. DOI: 10.1038/ncomms10833. PMID: PMC4773517
18. Elkon R, Milon B, Morrison L, Shah M, Vijayakumar S, Racherla M, Leitch CC, Silipino L, Hadi S, Weiss-Gayet M, Barras E, Schmid CD, Ait-Lounis A, Barnes A, Eisenman DJ, Eliyahu E, Frolenkov GI, Strome SE, Durand B, Zaghoul NA, **Jones SM**, Reith W, and Hertzano R (2015) RFX transcription factors are essential for hearing in mice. *Nature Communications*, 6: 8549. DOI: 10.1038/ncomms9549. PMID: PMC4634137
19. Mathur PD, Vijayakumar S, Vashist D, **Jones SM**, Jones TA, Yang J (2015) A study of whirlin isoforms in the mouse vestibular system suggests potential dysfunction in DFNB31-deficient patients. *Human Molecular Genetics*, 24(24), 7017-7030. PMID: PMC4654056
20. *Braude JP, Vijayakumar S, Baumgarner K, Laurine R, Jones TA, **Jones SM**, Pyott SJ (2015) Deletion of *Shank1* has minimal effects on the molecular composition and function of glutamatergic afferent postsynapses in the mouse inner ear. *Hearing Research*, 321, 52-64. PMID: 25637745; PMID: PMC4485438
21. Vijayakumar S, Lever TE, *Pierce J, Zhao X, Bergstrom D, Lundberg YW, Jones TA, **Jones SM**. (2015) Vestibular dysfunction, altered macular structure, and trait localization in A/J inbred mice. *Mammalian Genome*, 26(3), 154-172. PMID: PMC4374992
22. Akil O, Sun Y, Vijayakumar S, Lee C, Zhang W, Ku T, **Jones SM**, Grabowski GA, Lustig LR. (2015) Spiral ganglion degeneration and hearing loss as a consequence of satellite cell death is saposin B deficient mice. *Journal of Neuroscience*, 35(7), 3263-3275. PMID: 25698761; DOI: 10.1523/JNEUROSCI.3920-13.2015
23. Honaker JA, *Criter RE, Patterson JN, **Jones SM** (2015) Gaze stabilization test asymmetry score as an indicator of previous concussion in a cohort of collegiate football players. *Clinical Journal of Sport Medicine*. 25(4), 361-366. PMID: 25061806; PMID: N/A
24. Honaker JA, Lester HF, *Patterson JN, Albers L, **Jones SM** (2014) Examining post-concussion symptoms of dizziness and imbalance on neurocognitive performance in collegiate football players. *Otology and Neurotology*, 35(6), 1111-1117. PMID: 24853238; PMID: N/A
25. Mendus D, Sundaresan S, Grillet N, Wangsawihardja F, Leu R, Müller U, **Jones SM**, Mustapha M (2014) Thrombospondin (TSP) 1 and 2 play important and distinct roles in afferent synapse formation and function in the inner ear. *European Journal of Neuroscience*. 39(8), 1256-1267. PMID: PMC4132060
26. **Jones SM**, Jones TA (2014) Genetics of peripheral vestibular dysfunction: Lessons from mutant mouse strains. *Journal of the American Academy of Audiology*. 25, 289-301. PMID: PMC4310552.
27. Furness DN, Johnson SL, Manor U, Ruttiger L, Tochetti A, Offenhauser N, Olt J, Goodyear R, Vijayakumar S, Dai Y, Hackney CM, Franz C, Paolo Di Fiore P, Masetto S, **Jones SM**, Knipper M, Holley MC, Richardson GP, Kachar B, Marcotti W (2013) Progressive hearing loss and gradual deterioration of sensory hair bundles in the ears of mice lacking the actin-binding protein Eps8L2. *Proceedings of the National Academy of Sciences*, 110(34), 13898-13903. PMID: PMC3752214
28. Nayak G, Lee SI, Yousaf R, Edelmann S, Trincot C, Van Itallie CM, Sinha GP, Rafeeq M, **Jones SM**, Belyantseva IA, Anderson JM, Forge A, Frolenkov GI, Riazuddin S. (2013) Tricellulin is essential for associating bicellular and tricellular tight junctions and for survival of the cochlear hair cells. *Journal of Clinical Investigation*, 123(9), 4036-4049. PMID: PMC3754262
29. Lee SI, Conrad T, **Jones SM**, Lagziel A, Starost AF, Belyantseva I, Friedman TB, Morell RJ (2013) A null mutation of mouse *Kcna10* causes significant vestibular and mild hearing dysfunction. *Hearing Research*, 300, 1-9. PMID: PMC3684051

30. Stuart A, *Butler A, **Jones SM**, Jones TA (2013) Real-ear output measures of ear level fluency devices. *International Journal of Audiology*. 52, 413-418. PMID: N/A
31. Goodyear, RJ; **Jones SM**, Sharifi L, Forge A, Richardson G. (2012) Hair-bundle defects and loss of function in the vestibular end organs of mice lacking the receptor-like inositol lipid phosphatase, PTPRQ. *Journal of Neuroscience*, 32(8), 2762-2772. PMID: PMC3303191
32. *Horwitz GC, Risner-Janiczek JR, **Jones SM**, Holt JR. (2011) HCN channels expressed in the inner ear are necessary for normal balance function. *Journal of Neuroscience*. 31(46), 16814-16825. PMID: PMC3477615
33. Jones TA, **Jones SM**, Vijayakumar S, *Brugeaud A, *Bothwell M, Chabbert, C. (2011) The adequate stimulus for mammalian linear vestibular evoked potentials (VsEPs). *Hearing Research*, 280, 133-140. PMID: PMC3826178.*
34. **Jones SM**, Robertson NG, *Given S, Heisch ABS, Liberman, MC, Morton CC. (2011) Hearing and vestibular deficits in the *Coch* null mouse model: Comparison to the *Coch*^{G88E/G88E} mouse and to DFNA9 hearing and balance disorder. *Hearing Research*, 272, 42-48. PMID: PMC3039082
35. *Mock BE, Jones TA, **Jones SM**. (2011) Gravity receptor aging in CBA/CAJ: A comparison to auditory aging. *Journal of the Association for Research in Otolaryngology*, 12, 173-183. PMID: PMC3046336
36. Lopez IA, Rosenblatt MI, Kim C, Galbraith GG, **Jones SM**, Kao L, Newman D, Liu W, Yeh S, Pushkin A, Abuladze N, Kurtz I. (2009) Targeted deletion of *Slc4a11* in mice: Cellular targets of sensorineural abnormalities. *Journal of Biological Chemistry*, 284(39), 26882–26896. PMID: PMC2785376
37. **Jones SM**, Jones TA, *Mills KM, *Gaines GC. (2009) Anatomical and physiological considerations in vestibular dysfunction and compensation. *Seminars in Hearing*, 30, 231-241. PMID: PMC2975108
38. Dulon D, Safieddine S, **Jones SM**, Petit C. (2009) Otoferlin is critical for linear Ca²⁺ dependence of exocytosis at vestibular hair cell ribbon synapses. *Journal of Neuroscience*, 29(34), 10474-10487. PMID: PMC2966717
39. Geng R, Geller SF, Hayashi T, Ray C, Reh TA, Birmingham-McDonogh O, **Jones SM**, Wright CG, Imanishi Y, Palczewski K, Alagramam KN, Flannery JG. (2009) Usher syndrome IIIA gene *clarin-1* is essential for hair cell function and associated neural activation. *Human Molecular Genetics*, 18(15), 2748-2760. PMID: PMC2706682
40. Stuart A, *Passmore A, Culbertson D, **Jones SM**. (2009) Test-retest reliability of low-level evoked distortion product otoacoustic emissions. *Journal of Speech Language Hearing Research*, 52, 671-681. PMID: N/A
41. Jones TA, **Jones SM**, Hoffman LF. (2008) Resting discharge patterns of macular ganglion cells in otoconia-deficient mice. *Journal of the Association for Research in Otolaryngology*, 9(4), 490-505. PMID: PMC2580812
42. Robertson NG, **Jones SM**, Sivakumaran TA, Giersch ABS, Jurado SA, Call LM, Miller CE, Maison SF, Liberman MC, Morton CC. (2008) A targeted *Coch* missense mutation: A knock-in mouse model for DFNA9 late-onset hearing loss and vestibular dysfunction. *Human Molecular Genetics*, 17(21), 3426-3434. PMID: PMC2566528
43. Zhao X, **Jones SM**, Thoreson W, Lundberg YW. (2008) Osteopontin is not critical for otoconia formation or balance function. *Journal of the Association for Research in Otolaryngology*, 9, 191-201. PMID: PMC2396582
44. Zhao X, **Jones SM**, Yamoah YN, Lundberg Y (2008) OC90 deletion leads to imbalance but normal hearing: A comparison with other otoconia mutants. *Neuroscience*, 153(1), 289-299. PMID: PMC2567131
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Invited Presentations

- “Future of CSD Education”, Council of Academic Programs in Communication Sciences and Disorders, April 2019
- “Functional and Structural Aging of the Vestibular System”, American Speech Language Hearing Association, November 2018
- “A/J Mice: A Model for Otoconia Dysgenesis”, Sensory Neuroscience and Engineering Seminar Series, Stanford University, May 10, 2017
- “Genetics of Hearing Loss and Vestibular Disorders”, Iowa Speech Language Hearing Association, October 21, 2016
- “Genetics of Hearing Loss & Vestibular Disorders”, San Diego Soundwave Symposium: Genetics in Audiology: Connections Beyond the Audiogram, San Diego, CA, October 14, 2016
- “Beyond the Sound Booth: Genetics in Audiology”, Nebraska Speech Language Hearing Association, Lincoln, NE, September 14, 2016
- “New Mouse Model for Otoconial Dysgenesis (and Age Related Hearing Loss)”, Midwest Auditory Research Conference, Omaha, NE, July 25, 2015
- “The Dizzying World of Inner Ear Genetics”, American Speech Language Hearing Association Convention, Orlando, FL, November 20, 2014
- “Genetics of Vestibular Dysfunction: Lessons from Animal Models”, Synergy Core Workshop: Balancing on the Edge: Current Knowledge of Vestibular Function and Dysfunction, Boys Town National Research Hospital, Omaha, NE, September 30, 2014

- "Electrophysiological Methods for Testing Hearing and Balance in Mice", The Jackson Laboratory, Mouse Hearing Meeting VI, Bar Harbor, ME, September 15, 2014
- "ABR, DPOAE, and VsEP Demonstrations", The Jackson Laboratory, Mouse Hearing Meeting VI, Bar Harbor, ME, September 15, 2014
- "Patterns of Vestibular Neural Dysfunction Associated with Genetically Linked Structural Defects", Biomedical Sciences Seminar, Creighton University, Omaha, NE, September 24, 2013
- "Genetic Mutations Affecting Stereocilia: Consequences for Vestibular Function", NIH Seminar Series, National Institutes of Health, Washington DC, January 8, 2013
- "Genetic Basis of Gravity Receptor Dysfunction", Case Western Reserve University, Cleveland, OH, December 18, 2012
- "Etiology of Blast Induced Dizziness", Case Western Reserve University, Cleveland, OH, December 18, 2012
- "Functional and Structural Aging of the Gravity Receptor Organs", Legacy Health Systems, Portland, OR, October 23, 2012
- "Electrophysiological Methods for Testing Hearing and Balance in Mice", The Jackson Laboratory, Mouse Hearing Meeting V, Bar Harbor, ME October 1, 2012
- "Functional and Structural Aging of the Vestibular System", Dept. of Otolaryngology, Stanford University, Palo Alto, CA, July 1, 2011
- "Vestibular Function Following Blast Injury: Perspectives on Post Blast Dizziness and Imbalance", American Speech Language Hearing Association Annual Convention, Philadelphia, PA, Nov. 20, 2010
- "Recent Developments in Otolith Function and Assessment: Concepts Underlying Vestibular Sensory Evoked Potentials", American Speech Language Hearing Association Convention, Philadelphia, PA, November 19, 2010
- "Electrophysiological Methods for Testing Hearing and Balance", The Jackson Laboratory, Mouse Hearing Meeting IV, Bar Harbor, ME, September 20, 2010
- "Genetic Basis of Gravity Receptor Dysfunction", NIDCD, National Institutes of Health, Rockville, MD, May 22, 2009
- "Functional Assessment of the Human Vestibular Nerve", Science at Starlight, NC Biotech. Center, Office of Research & Graduate Studies, ECU, December 8, 2008
- "Testing and Treating Dizziness in Elderly Patients", Geriatric Fellows Seminar, Dept. of Family Medicine, School of Medicine, ECU, October 9, 2008
- "Principles in Electrophysiological Recordings in Mice" The Jackson Laboratory, Mouse Hearing Meeting III, Bar Harbor, ME, September 21, 2008
- "Inner Ear Function in a Mouse Model for DFNA9", Neuroscience Symposium, ECU, November 29, 2007
- "Gravity Receptor Deprivation: Influences on Development", Dept. of Biochemistry and Molecular Biology, School of Medicine, ECU, March 5, 2007
- "Genetics and Inner Ear Dysfunction", Physiology Seminar, Dept. of Physiology, School of Medicine, ECU, December 14, 2006
- "Presbycusis and Presbystasis", Geriatric Fellows Seminar, Dept. of Family Medicine, School of Medicine, ECU, October 5, 2006
- "Gravity Receptor Function and Behavior", Biomechanics Laboratory Seminar, Dept. of Exercise and Sport Science, College of Health and Human Performance, ECU, April 25, 2006
- "Balance and Dizzy Genes", North Carolina Medical Genetics Association Meeting, School of Medicine, ECU, March 31, 2006
- "Measuring Mouse Auditory and Vestibular Function in Mice", The Jackson Laboratory, Mouse Hearing Meeting II, Bar Harbor, ME, October 1-4, 2005
- "Mechanisms for Hearing Loss in Sickle Cell Disease", Colloquium in CSDI, East Carolina University, Greenville, NC, March 11, 2005
- "Genetics and Inner Ear Function", NSSHLA (ECU Chapter) Symposium, East Carolina University, Greenville, NC, Febr. 27, 2004

- "Measuring Mouse Auditory and Vestibular Function: ABR, DPOAE, VsEP", The Jackson Laboratory, Mouse Hearing Meeting I, Bar Harbor, ME, Sept. 20-23, 2003
- "Vestibular Dysfunction in Mice: A Genetic Basis?" Biological Sciences Seminar, University of Cincinnati, Cincinnati, OH, March 10, 2003
- "Shake, Rattle and Roll: Perspectives on Vestibular Evoked Potentials", American Speech Language Hearing Association Annual Convention, Atlanta, GA, Nov. 22, 2002
- "Vestibular Assessment", Nebraska Speech Language Hearing Association, Kearney, NE, Oct. 12, 2001
- "New models for studying the vestibular system", Grand Rounds, Columbia Regional Hospital, Columbia, MO, Oct. 11, 2000
- "Testing the vestibular system using evoked potentials", Instructional Course, American Academy of Audiology 12th Annual Convention, Chicago, IL, March 17, 2000
- "Primordial activity patterns in developing cochlear ganglion cells", Neuroscience Seminar Series, University of Missouri Columbia, MO, Febr. 16, 2000
- "Development of the Place Principle: Direct Evidence From the Avian Cochlea", Physiology Seminar Series, Dept. of Physiology, Univ. of Missouri, Columbia, MO, Oct. 26, 1994
- "The Tonotopic Map in the Embryonic Chicken Cochlea", Otology Conference, Div. of Otolaryngology, Univ. of Missouri Columbia, MO, May 17, 1994
- "The Avian Auditory Papilla and Neural Tuning Characteristics", Oral Biology Seminar, UNMC College of Dentistry, March 1993

Student Research Advising

Postdoctoral

Dr. Sarath Vijayakumar (PhD in Physiology, East Carolina University)

Dr. Teresa Lever (PhD in Speech-Language Pathology, East Carolina University)

Doctoral Dissertation/Masters Thesis

University of Nebraska Lincoln

Paula Thompson, EdD in Educational Studies (Co-Chair)

Alaina Bassett, PhD in Human Sciences (Chair)

Anne Thomas, PhD in Educational Studies (Reader)

Cheongheon Lee, PhD in Human Sciences, AAA/AIB Student Investigator Award (Reader)

University of Nebraska Medical Center

Rachel Wenzl, MPH in Public Health (Mentor)

East Carolina University

Jessica Pierce, PhD in Audiology, AAA/AIB Student Investigator Award (Chair)

Kristal Mills, PhD in Audiology (Chair)

Bruce Mock, PhD in Audiology, NIH F31 and AAA Student Investigator Award (Chair)

Chris Gaines, PhD in Audiology (Member)

Doctoral Capstone (Chair)

University of Nebraska Lincoln (AuD Students)

Current

Cassidy Becklun

Caitlin Hinrichs

Laura Muller

Manami Shah

Mackenzie Rosdail

Austin Poulson

Completed

Jessica Koraleski

Nicole Swanson

Sallie Croissant

Kelly Malcolm

Rachel Timm

Megan Booth

Lauren Volzke

Kyle Hotovy

Carissa Allen

Chad Bailey

Tessa Culbertson

Tessa Mannlein

Gabrielle Schreirer

Eva Gebel

Chelsea Hull (AAA Summer Research Fellowship)

Nicole Kreikemeier

Macy Schott (AAA Student Investigator Award)

Jessie Green

Madison Mannel
 Bradee Rief
 Courtney Robertson
 Nikki Wipplinger

Jameson Hofker
 Sara Stiff

East Carolina University (AuD Students)
 Kristal Mills (AAA Student Investigator Award)
 Christina Figueroa
 Chris Gaines (AAA Summer Research Fellowship)
 Laura Blankenship
 Christina Branche

Medical Student/Resident

Shelley Given (M1 Medical Student, Brody School of Medicine, East Carolina University)
 Natasha Pollak (ENT Resident, PGY4, University of Missouri School of Medicine)
 Trisha Bell (ENT Resident, PGY3, University of Missouri School of Medicine)
 Benjamin Liess (M2 Med Student, University of Missouri School of Medicine)
 Geetha Subramanian (M4 Med Student, University of Missouri School of Medicine)
 Monty Trimble (ENT Resident, PGY4, University of Missouri School of Medicine)
 Trisha Bell (M4 Med Student, University of Missouri School of Medicine)
 Betty Hinderks (M4 Med Student, University of Missouri School of Medicine)
 Stephen Colbert (M2 Med Student, University of Missouri School of Medicine)
 Roshni Shukla (M1 Med Student, University of Missouri School of Medicine)

Undergraduate

Leonardo Duque (Undergraduate Senior Thesis, Dept. of Psychology, East Carolina University)
 Wilma Avniel (Undergraduate, School of Nursing, University of Missouri)
 Carrie Putthoff (Undergraduate, School of Health Related Professions, University of Missouri)
 Dezra Adams (Undergraduate, School of Health Related Professions, University of Missouri)
 Alisha Browning (Conley Scholar Undergraduate, University of Missouri)
 Roshni Shukla (Conley Scholar Undergraduate, University of Missouri)

Teaching Responsibilities

University of Nebraska

SLPA 930, Genetic Basis of Communication and Learning (3 semester units), Sp/Su 2012-present
 SLPA 908, Auditory Physiology and Pharmacology (4 semester units), Fall 2018
 SLPA 934, Vestibular Assessment II (3 semester units), Co-Instructor, Sp 2017, 2018
 SLPA 932, Vestibular Assessment I (4 semester units), Co-Instructor, Fall 2016, 2017
 SLPA 920, Auditory Electrophysiological Assessment (3 semester units), Co-Instructor, Sp 2014-2018
 SLPA 942, Seminar in Audiology (2 semester units), Sp 2016-2018
 SLPA 456, Hearing Science (3 semester units), Co-Instructor, Sp 2016-2018
 SLPA 922, Pharmacology for Audiology (2 semester units), 2013
 SLPA 271, Introduction to Audiology (3 semester units), 1993

East Carolina University

CSDI 8013, Methods in Clinical Audiology II (3 semester units)
 CSDI 8100, Advanced Audiology Methods Lab (1 semester unit)
 CSDI 8002, Assessment/Management of the Vestibular System (3 semester units)
 CSDI 8102, Vestibular Lab (1 semester unit)
 CSDI 8004, Embryology and Genetics of Hearing Impairment (3 semester units)
 CSDI 8016, Auditory Physiology (3 semester units)
 PSYC 4315, Neuroscience: Literature and Laboratory Experience (3 semester units)
 NEUR 4951, Neuroscience Thesis I (3 semester units)
 NEUR 4950, Neuroscience Thesis II (3 semester units)
 PSYC 4312, Laboratory Methods in Behavioral Neuroscience (3 semester units)
 CSDI 8022, Advanced Seminar in Audiology (3 semester units)

CSDI 3105, Hearing Science (3 semester units)

University of Missouri-Columbia

Block 2 or 3, School of Medicine

243PT, 243OT, 243CD, Applied Neurophysiology for Allied Health Students (3 semester units)

Service

Service to the Community

- 2019 Member, Olmstead Advisory Committee, Nebraska Department of Health and Human Services
- 2019 Member, Olmstead Steering Committee, Nebraska Department of Health and Human Services
- 2016-2019 Member, Deaf and Hard of Hearing Education Task Force, Nebraska Commission for the Deaf and Hard of Hearing
- 2016-2019 Member, Employment/Transition Subcommittee, Nebraska Commission for the Deaf and Hard of Hearing

Service to the Profession

Grant Review Panels

- 2015 Special Emphasis Panel, ZRG1 AUD-M (90), National Institutes of Health
- 2014 Clinical and Rehabilitative Medicine Research Program, Department of Defense
- 2012 Defense Medical Research and Development Program, Department of Defense
- 2011 National Space Biomedical Research Institute, NASA
- 2006-2009 Reviewer, Sensorimotor Study Section, 10 ZRG1 IFCN-L (02) (M) National Institutes of Health
- 2006-2008 Scientific Review Panel, Department of Veterans Affairs Rehabilitation Research and Development Service
- 2005 Temporary Member, Auditory System Study Section, National Institutes of Health

Scientific/Professional Organizations

- 2019-2021 Member (Elected), Audiology Advisory Council, American Speech Language Hearing Association
- 2018-2020 President, Nebraska Speech Language Hearing Association
- 2018 President-Elect, Nebraska Speech Language Hearing Association
- 2017-2018 Chair, AUD Education Summit Working Group – Future of AuD Education, American Speech Language Hearing Association
- 2011-2016 Member, National Advisory Board for the Auditory and Vestibular Dysfunction Research Enhancement Award Program (REAP), VA Medical Center, Mountain Home, TN
- 2014-2015 Member, Organizing Committee, Midwest Auditory Research Conference
- 2006-2014 Member, Organizing Committee, The Jackson Laboratory Mouse Hearing Meeting
- 2011-2014 Member, Animal Research Committee, Association for Research in Otolaryngology
- 2011-2013 Topic Chair, ASHA Convention – Vestibular/Balance Rehabilitation Subcommittee
- 2010-2011 Member, AAA Convention – Student Research Forum Subcommittee
- 2009-2010 Member, ASHA Convention – Vestibular Subcommittee and Adult Diagnostics Subcommittee
- 2007-2008 Member, AAA Convention – Student Research Subcommittee
- 2006-2007 Chair, ASHA Convention – Keynote Speaker Subcommittee
- 2006 Member, ASHA Convention – Keynote Speaker Subcommittee and Instructional Course Subcommittee
- 2005-2006 Chair, AAA Convention – Research Posters and Podiums Subcommittee
- 2005 Member, ASHA Convention – Technical Papers Committee
- 2002-2005 Chair, American Academy of Audiology Research Committee
- 1999-2002 Member, American Academy of Audiology Research Committee
- 2001 Session Moderator, Association for Research in Otolaryngology, Midwinter Meeting

Promotion and/or Tenure External Reviewer

- 2019 Promotion and Tenure for University of Buffalo
 2015 Promotion for University of Rochester
 2014 Promotion and Tenure for The Ohio State University
 2012 Promotion for College of Veterinary Medicine, University of Missouri Columbia
 2010 Promotion for Department of Hearing and Speech Sciences, Vanderbilt University
 2010 Tenure for Case Western Reserve University School of Medicine
 2009 Promotion for Department of Special Education and Communication Disorders, University of Nebraska Lincoln
 2007 Promotion for Case Western Reserve University School of Medicine

Editorial/Other

- 2002-present Assistant Editor: Journal of the American Academy of Audiology
 2009 Guest Editor: Brain Research Special Issue: Mouse Models for Hearing Research
 2002-2006 Associate Editor: American Journal of Audiology
 2002-2003 Preparing Avenues for Competitive Employment in Information Technology (PACE-IT), Advisory Board
 2000-present Adhoc Reviewer: NeuroReport; Ear and Hearing; Journal of Neuroscience; European Journal of Human Genetics; Hearing Research; Brain Research; Mammalian Genome; Journal of the American Association of Laboratory Animal Science; International Journal of Audiology; Otology and Neurotology; American Journal of Audiology; Journal of Gravitational Physiology; Journal of Vestibular Research; Journal of Applied Physiology; Scientific Report

Service to the College/University*University of Nebraska Lincoln*

- 2015-present Faculty Advisory Committee, Nebraska Innovation Campus
 2014-present Executive Committee, Center for Brain Biology and Behavior
 2019 Member, Search Committee for Executive Vice Chancellor for Academic Affairs
 2017-2019 Member, UNL-AWIS Institutional Partnership Steering Committee
 2015-2019 DEO Advisory Board, Office of Executive Vice Chancellor for Academic Affairs
 2018 Member, Search Committee for ADA/504 Compliance Officer, Office of Equity, Access and Diversity
 2017-2018 Chair, Search Committee for Chair of Department of Nutrition and Health Sciences, College of Education and Human Sciences
 2016 Co-Chair, Search Committee for Executive Vice Chancellor and Chief Academic Officer
 2013-2014 Chair, Search Committee for Chair of Department of Teaching, Learning, and Teacher Education, College of Education and Human Sciences
 2012 Member, Search Committee for Chair of Department of Teaching, Learning, and Teacher Education, College of Education and Human Sciences

East Carolina University

- 2010-2011 President, Eastern Carolina Chapter of the Society for Neuroscience
 2010-2011 Member, Agenda Committee, Faculty Senate
 2010 Member, Five Year Administrative Review Committee for the Department Chair, Dept. of Communication Sciences and Disorders
 2010 Member, Search Committee for Dean of the Graduate School
 2009-2011 Member, Admission and Retention Policies Committee
 2009-2011 Senator, Faculty Senate
 2008-2010 President-Elect, Eastern Carolina Chapter Society for Neuroscience
 2009-2011 Member, Diversity Committee, College of Allied Health Sciences
 2008-2010 Member, Research & Scholarly Activities Committee, College of Allied Health Sciences
 2007-2008 Chair, Research & Scholarly Activities Committee, College of Allied Health Sciences
 2006-2008 Secretary, Eastern Carolina Chapter Society for Neuroscience
 2006-2007 Member, Search Committee for Director of Grants and Contracts
 2005-2007 Secretary, Faculty Council, ECU, School of Allied Health Sciences

- 2006 Scientific Review Panel, Research Development Grants, Division of Research and Graduate Studies
- 2006 Member, Search Committee for Associate Vice Chancellor for Research, Division of Research and Graduate Studies

University of Missouri Columbia

- 2000-2003 Committee for Persons with Disabilities (Chair: 2000-2002)
- 2003 Member, Graduate Studies Committee, Interdisciplinary Neuroscience Program,
- 2001-2003 Block 3 Planning Committee, School of Medicine
- 2001 Member, Disability Awareness Committee, Office of Disability Services
- 1999 Judge of Posters, University of Missouri School of Medicine Research Day
- 1996 Mentor, Minority High School Student Research Apprentice Program

Service to the Department

East Carolina University, Department of Communication Sciences and Disorders

- 2004-2011 Member, Personnel Committee (Secretary 2005-2008)
- 2004-2011 Member, Graduate/Doctoral Studies Committees (Secretary 2005-2008)
- 2004-2006 Member, Undergraduate Admissions Committee
- 2006 Chair, Faculty Search Committee
- 2005-2006 Member, Faculty Search Committee
- 2003-2005 Member, Doctoral Program Committee, Teresa Lever
- 2005 Coordinator, Colloquium Series (CCC in CSDI)
- 2004 Member, Dept. Chair Search Committee
- 2003-2004 Member, Faculty Search Committee, ECU Dept. of Physical Therapy

University of Missouri Columbia, Division of Otolaryngology

- 1995-2003 Secretary, Otolaryngology Research Committee, UM School of Medicine
- 1999-2002 Member, Doctoral Committee, Shunda Irons, UMC Dept. of Physiology

Clinical Service

- 2003-2011 Director, Vestibular Assessment Lab, ECU Speech Language Hearing Clinic
- 2000-2003 Primary Audiologist, Vestibular Assessment Lab, MU Health Care
- 1997 Audiologist, University Physicians ENT Clinic, Mexico, MO

Professional Memberships/Credentials

- Society for Neuroscience (2001-present)
- Eastern Carolina Chapter (2004-2011)
- American Auditory Society (2001-present)
- Association for Research in Otolaryngology (1993-present)
- American Speech Language Hearing Association (1987-present)
- Certificate of Clinical Competence (1988-present)
- American Academy of Audiology (1988-2019)
- Nebraska Speech Language Hearing Association (1987-1993, 2012-present)
- North Carolina Speech Language Hearing Association (2004-2011)
- Missouri Speech Language Hearing Association (1993-2003)
- Nebraska Audiology License #103 (active)
- North Carolina Audiology License #6203 (inactive)
- Missouri Audiology License #HD 106724 (inactive)
- Nebraska Hearing Instrument Dispenser #485 (inactive)