

Curriculum Vitae
VINAYA MANCHAIAH

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SECTION 1: PERSONAL DETAILS

Addresses and Contact Details

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Other Details

Languages Spoken: Kannada & English (Fluent), Hindi (Basic)
Languages Written: Kannada & English

SECTION 2: EDUCATIONAL QUALIFICATIONS

2012/04 – 2013/10	Doctor of Philosophy (PhD) in Disability Research , The Swedish Institute for Disability Research (SIDR), Linköping University, Linköping, Sweden.
2010/10 – 2013/09	Executive Masters in Business Administration (E-MBA) , Swansea University, Swansea, Wales, UK.
2008/09 – 2010/06	Doctor of Audiology (AuD) , Nova Southeastern University, Fort Lauderdale, Florida, USA.
2008/01 – 2011/07	Post Graduate Certificate in Teaching in Higher Education (PGCtHE) , Swansea University, Swansea, Wales, UK.
2005/09 – 2006/10	Masters of Science (M.Sc) in Audiology , Institute of Sound and Vibration Research (ISVR), University of Southampton, Southampton, England, UK.
2001/04 – 2005/05	Bachelors of Science (B.Sc) in Speech & Hearing , All India Institute of Speech and Hearing (AIISH), University of Mysore, Mysore, Karnataka, India.

SECTION 3: LEADERSHIP PROFILE

Current Leadership Profile

I hold a dual role within an academic medical center. First, as Professor of Otolaryngology–Head & Neck Surgery at the University of Colorado School of Medicine, I lead the Auditory Lab and the Virtual Hearing Lab, advancing innovative hearing healthcare service delivery models. Second, in my role as Director of Audiology, I work across University of Colorado Hospital (UCH), CU Medicine, and UCH Medical Group—systems to integrate clinical care and research. Overall, my dual leadership role focuses on developing integrated hearing healthcare systems, translating research into clinical workflow, developing innovative initiatives across hospital systems that shape scalable, sustainable, and patient-centered care across academic and clinical settings.

System Level Clinical Leadership

I provide system-level leadership for audiology services across UCH, CU Medicine, and UCH Medical Group, which operate under distinct financial and human resource infrastructures. Collectively, these systems include 9 clinics across Colorado, supported by more than 50 staff (approximately 30 audiologists and 20+ program support staff, including audiology assistants), and deliver over 25,000 patient appointments annually. I have direct supervisory responsibility within UCH and CU Medicine and provide academic and clinical leadership support to UCH Medical Group as needed.

My leadership spans the full continuum of clinical operations, including strategic planning; clinical workflow optimization; fiscal oversight; interdisciplinary collaboration; quality improvement; translational and outcomes research; workforce development; implementation of innovative hearing care delivery models; patient experience optimization; and student training. This includes responsibility for staffing models, productivity benchmarks, service mix optimization, and strategic growth initiatives, as well as leading care redesign efforts that have improved access, reduced patient burden, and increased clinic efficiency.

Key initiatives under my leadership include the development and implementation of standardized clinical protocols across all audiology practices; selective decoupling of audiology services from ENT workflows to reduce patient burden while improving access and productivity; establishment of triage systems to ensure patients are directed to the most appropriate specialist; expansion of audiology assistant roles to improve clinic efficiency; and development of digital infrastructure to support scalable operations. In parallel, I have strengthened referral pathways—particularly with primary care, developed accessible patient education resources to support self-management, and established service-line leadership structures to enable sustainable growth and high-quality care across the system. I have also led major operational and financial initiatives, including large-scale modernization of clinical equipment through strategic capital investment planning, contributed to the redesign of incentive-based compensation structures, and renegotiated vendor contracts to reduce cost of goods while maintaining high standards of care. Collectively, these efforts have supported sustainable growth, improved access, and enhanced both patient and provider experience across the system.

Academic Program Leadership and Educational Innovation

I have held senior academic leadership roles across multiple universities, directing and sustaining audiology programs within diverse educational and regulatory contexts. As Program Director at Swansea University, I ensured continued accreditation from multiple regulatory bodies, secured ongoing government funding, and established a statewide clinical mentor network of more than 100 practitioners to support student education and training.

At Anglia Ruskin University, I strengthened long-term program viability by refining a hybrid teaching model capable of supporting large cohorts (100+ students), redesigning the teaching laboratory, restructuring industry partnerships to improve financial sustainability, and developing a first-of-its-kind academic bridge program enabling progression from a foundation degree to a bachelor's degree.

Previously, as Director of the AuD program at Lamar University, I led the program out of accreditation probation, expanded regional clinical partnerships to enhance student training, and improved applicant quality, enrollment, and student retention.

Research Program Leadership

I have built and led research programs across diverse academic contexts, from teaching-focused institutions to large academic medical centers. At Anglia Ruskin University, a teaching-led institution with limited research infrastructure, I established the university's first sustained audiology research program. This work led to nationally recognized contributions in tinnitus research, including the Marie & Jack Shapiro Prize from the British Tinnitus Association awarded for three consecutive years.

As the inaugural Endowed Chair in Speech and Hearing Sciences at Lamar University, I led a major expansion of the department's research enterprise. During my tenure, annual scholarly output increased from approximately 2–3 publications per year to more than 30, supported by the development of laboratory infrastructure, interdisciplinary research centers, successful extramural funding, and strengthened research mentorship culture.

In my current role as Professor at the University of Colorado School of Medicine, I direct two complementary research laboratories: the Auditory Lab, supporting in-person human subject testing, and the Virtual Hearing Lab, which enables large-scale digital and remote research. Together, these laboratories support multiple federally funded projects focused on hearing healthcare delivery, tinnitus, digital therapeutics, and implementation science. My research portfolio includes leadership and co-leadership on several funded grants.

I also hold adjunct appointments at the University of Pretoria (South Africa) and Manipal University (India), where I support research training, doctoral supervision, and collaborative research projects. Across my career, I have established sustained research collaborations spanning more than 20 countries, contributing to global evidence generation, workforce development, and research capacity building in hearing healthcare.

Professional, Global and Service Leadership

I founded Audiology India, a non-governmental organization based in Mysore, India, to expand access to hearing healthcare for underserved, low-income populations using a community-based rehabilitation model. The organization delivered national information services through digital platforms and provided local outreach care in remote regions, conducting several thousand hearing assessments and distributing thousands of hearing aids at no cost. Audiology India operated for over a decade before closing during the COVID-19 pandemic.

I previously served on the Board of Directors of the British Academy of Audiology (BAA) as Director of Membership and Services, where I established a corporate membership model to strengthen revenue, led the development of a new organizational website, and oversaw the transition to a new management company to improve efficiency and reduce costs. I currently serve as an Executive Committee member of the International Society of Audiology (ISA), representing affiliate societies. In this role, I contribute to collective board initiatives focused on expanding membership, supporting scholarship opportunities for students and members from low- and middle-income countries, and co-founded the [Global Audiology initiative](#), now a core component of ISA's branding and strategic vision.

SECTION 4: EMPLOYMENT HISTORY

Full-time Employment

Academic Positions

2022/02 – Till date	Professor of Otolaryngology – Head & Neck Surgery at the Department of Otolaryngology – Head & Neck Surgery, University of Colorado School of Medicine, Aurora, Colorado, USA
2019/09 – 2022/01	Professor of Speech and Hearing Sciences (Tenured in 2019) at the Department of Speech and Hearing Sciences, Lamar University, Beaumont, Texas, USA.
2015/01 – 2019/08	Associate Professor of Audiology at the Department of Speech and Hearing Sciences, Lamar University, Beaumont, Texas, USA.
2013/03 – 2015/01	Senior Lecturer in Audiology at the Department of Vision and Hearing Sciences, Anglia Ruskin University, Cambridge, England, UK.
2007/10 – 2013/03	Lecturer (transferred from Teaching & Service to Teaching & Research contract during Sept 2011) at the College of Human and Health Sciences, Swansea University, Swansea, Wales, UK.

2006/12 – 2007/09	Senior Audiologist at the NHS Lothian University Hospital Division, Edinburgh, Scotland, UK.
2005/05 – 2005/09	Research Audiologist at the All India Institute of Speech and Hearing (AIISH), Mysore, Karnataka, India.
2004/06 – 2005/04	Audiologist and Speech Language Pathologist (Internee) at the All India Institute of Speech and Hearing (AIISH), Mysore, Karnataka, India.

Leadership Positions/Roles

2022/02 – Till date	Director of Audiology at University of Colorado Hospital (UCHealth) Hearing and Balance, University of Colorado Hospital, Aurora, Colorado, USA
2015/01 – 2022/01	Jo Mayo Endowed Chair at the Department of Speech and Hearing Sciences, Lamar University, Beaumont, Texas, USA.
2015/01 – 2017/08	Director of Audiology at the Department of Speech and Hearing Sciences, Lamar University, Beaumont, Texas, USA.
2014/02 – 2015/01	Course Leader for Foundation Degree in Hearing Aid Audiology at the Department of Vision and Hearing Sciences, Anglia Ruskin University, Cambridge, England, UK.
2007/10 – 2013/03	Program Manager – Audiology at the College of Human and Health Sciences, Swansea University, Swansea, Wales, UK.

Part-time Employment and Honorary Positions

Part-time Clinical/Teaching Positions

2023/04 – 2026/03	Scientific Advisor at hearX SA (Pty) Ltd, Pretoria, South Africa.
2021/02 – 2021/05	Adjunct Professor at the Department of Speech-Language-Hearing Sciences, Hofstra University, New York, USA.
2017/09 – 2020/12	Audiologist at the South-Central Texas Health Care (SCTHC), Houston, Texas, USA.
2011/01 – 2014/12	Consultant Audiologist (consultancy basis) at Insight

Health Screening Ltd., Neath Port Talbot, Wales, UK.

2009/11 – 2010/05 **Clinical Audiologist** (one day a week) at the Audiology Department, Neath Port Talbot Hospital, Wales, UK.

2007/02 – 2007/09 **Clinical Audiologist** (one day a week) at House of Hearing, Galashiels, Scotland, UK.

External and Honorary Positions

2021/09 – Till date **Extraordinary Professor**, Department of Speech-Language Pathology and Audiology, University of Pretoria, Pretoria, South Africa.

2016/10 – Till date **Adjunct Faculty**, Department of Speech and Hearing Sciences, Allied Health Sciences, Manipal University, Manipal, Karnataka, India.

2016/09 – 2020/02 **International Collaborating Faculty** for International Master Program in European Society, Science and Technology (ESST) Specialization '*Enabling and Disabling Dimensions of Social Change*' at the National and Kapodistrian University of Athens, Greece.

2013/08 – 2014/08 **Honorary Audiologist**, Addenbrooke's Hospital, Cambridge, England, UK.

2009/06 – 2009/08 **Visiting Research Fellow** at the Hearing Research Laboratory, Department of Psychology, University of Essex, Essex, England, UK.

Service Roles/Positions

2024/06 – Till date **Technical Working Group (TWG) member** of the Package of Ear and Hearing Care Interventions (PEHCI), World Health Organization (WHO).

2022/04 – Till date **Executive Board Member**, International Society of Audiology.

2020/06 – 2022/01 **Group Leader**, Houston Tinnitus Support Group (HTSG), American Tinnitus Association (ATA) Houston Chapter, Houston, Texas

2016/02 – Till date **Senior Editor (and Co-founder)** of Global Audiology.

2015/09 – 2022/12 **Board of Director for Strategic Planning** of Audiology India (non-governmental and non-profit organization),

India.

2011/01 – 2015/08	President (and Co-founder) of Audiology India (non-governmental and non-profit organization), India.
2011/11 – 2014/11	Board of Director for Membership , the British Academy of Audiology (BAA), UK.
2011/11 – 2014/11	Secretary , the British Academy of Audiology (BAA), UK.

SECTION 5: AWARDS AND HONORS

Notable Achievements

- Rated among **top 1% of experts in Audiology in the world** in [Expertscape.com](https://expertscape.com) (second position in 2020-25). <https://expertscape.com/ex/audiology>
- Included in the World's Top 2% Scientists list (Stanford–Elsevier) for 2022–23 and 2023–24, based on standardized citation impact indicators. <https://elsevier.digitalcommonsdata.com/datasets/btchxktyw/5>

Awards

- **Innovation Award for Research** at the Lamar University College of Fine Arts and Communication (CoFAC) in 2019-20.
- **Erskine Fellow** at the University of Canterbury, Christchurch, New Zealand in 2019. This is an invited visiting fellowship offered by the University of Canterbury, which enables up to 70 visiting international senior academics to lecture at University of Canterbury each year to undergraduates and postgraduate students. The nominations are made by the department and approved by the university committee. More information can be found at: <https://www.canterbury.ac.nz/engage/erskine/>
- **Marie & Jack Shapiro Prize** awarded by the British Tinnitus Association (BTA) in (three consecutive years) 2017, 2018, and 2019. This is an invited award given annually by the BTA for the published research paper that is most likely to result in improved treatment or public awareness of tinnitus. More information can be found at: <https://www.tinnitus.org.uk/pages/category/shapiro-prize>
- **Bharat Samman Award** by the Non-Resident Indians Institute (known as NRI Institute), Delhi, India in 2017. This is an invited annual award conferred on a group of select Persons of Indian Origin living in India and abroad for their outstanding achievements in the chosen field of activities for the contribution to the socio-economic development of India along with the country of their adoption. More information can be found at: <http://nriinstitute.in/nriawards-award-categories.php>
- **Jerger Future Leaders of Audiology (JFLAC)** by the American Academy of Audiology (AAA) in 2016. This award is given by the AAA, which identifies individuals who has the potential to become the great leaders within the profession and organizes a conference. It is suggested that 95% of the attendees

taking on leadership roles in the Academy and other audiology organizations. More details can be found at:

<https://www.audiology.org/professional-development/meetings-events/jerger-future-leaders-audiology-conference-jflac>

- **Fast and efficient PhD** award from the Linnaeus Centre HEAD, Linköping University, Sweden in 2013. This a one-time special award jointly given by the Swedish Institute for Disability Research and the Linnaeus Center HEAD graduate school.
- **Distinction** in the **Executive MBA** program in 2013. This is a university award for high-achievers in the academic program.
- **Highest honors** in the **Doctor of Audiology (AuD)** program in 2010. This is a university award for high-achievers in the academic program.
- **Best poster presentation award** at Annual convention of Indian Speech Language and Hearing Association (ISHA Con – 2004) held at Mysore, India in January 2004. This is an annual award given by the conference organizers.

Special Invitations to Working Groups

- Knowles Hearing Center, Northwestern University sponsored event on *Hearing Care and Wellness: Toward Hearing Health for All*. – **One among 20 subject matter experts (speakers) and 30 workshop attendees.**
- Foundation sponsored working group on Foundations and Innovations in Artificial Intelligence (AI) Summit. – **One among 15 subject matter experts (Speakers) and 100 attendees.**
- National Institute of Health (NIH)/Food and Drug Administration (FDA) sponsored working group on Accessible and Affordable Hearing Health Care for Adults. – **One among 29 subject matter experts.**
- World Hearing Forum of the World Health Organization (WHO): November 2023 at Geneva, Switzerland (attended virtually). – **One among 100 experts in hearing healthcare invited across the world.**
- Strategic Planning Meeting of the World Health Organization (WHO) network of collaborating centers and organizations in official relations for ear and hearing care: October 2023 at PIH Health Good Samaritan Hospital, Los Angeles, California. – **One among 20 experts in hearing healthcare invited across the world.**
- Reconceptualizing the challenges of direct-to-consumer health products: October 2019 at the Banbury Center, Lloyd Harbor, New York. – **One among 25 experts in health policy making invited across the world.**
- Validation of ICF core set for hearing loss expert panel: September 11-13, 2019 at Örebro University, Örebro, Sweden. – **One among 7 experts invited around the world.**
- Psychology of hearing health: prevention and treatment: December 6-7, 2018 at the University of Manchester, UK during December 2018. – **One among 15 experts invited around the world.**
- James Lind Alliance Priority Setting Partnership (JLA PSP) to identify the uncertainties that surround the treatment of mild to moderate hearing loss and to agree priorities for future research: Organized by National Institute for Health

Research Nottingham Hearing Biomedical Research Unit (NIHR- NHBRU), Nottingham, UK during 2014-15 – **One among 12 experts in the working group in the UK.**

- WHO-ICF Core Set (Hearing Loss) Conference: May 4-6, 2012 at Eriksholm, Denmark – **One among 21 experts invited around the world.**
- Managing Change – Realities and Roadblocks: January 22-25, 2012 at Skodsborg, Denmark conducted by Ida Institute. – **One among 25 experts invited around the world.**
- Enabling Communication Partnership: November 9-11, 2009 at Skodsborg, Denmark conducted by Ida Institute. – **One among 25 experts invited around the world.**

Award Nominations

- **2021 Texas State University System (TSUS) Regents Professor.** This is considered as a life-time achievement award at the level of the university system consisting of seven universities in Texas and given to 2-3 professors each year.
- **2021 University Professor, Lamar University.** This is considered a life-time achievement award at the level of university and given to a single professor each year.
- **2014 Audiologist of the year, British Academy of Audiology (BAA).**

Awards for Student Advisees

- 2024 – Megan Knotze: Margaret McNamara education grant.
- 2024 – Megan Knoetze: Travel award for the Mentored Student Poster submission at the American Auditory Society 2024 Conference.
- 2022 – Caitlin Frisby: Travel award for IHCON conference in 2022.
- 2022 (and 2024) – Kayla Cormier: T32 post-doctoral funding award.
- 2021 – Alyssa Ulep and Taylor Eubank: Texas Academy of Audiology (TAA) Conference 2021 – Best poster award.
- 2021 – Megan Knoetze: James Jerger Award for Excellence in Student Research presented at the American Academy of Audiology (AAA) 2021 conference.
- 2021 – Megan Knoetze: Academic honorary colours from the University of Pretoria’s Student Representative Council for MA (Audiology) degree.
- 2019 – Eldre Beukes: Hallpike Prize in 2019 from the British Association of Audiovestibular Physicians (BAAP).
- 2019, 2018, 2017 – Eldre Beukes: The Shiparo award from the British Tinnitus Association (BTA).

SECTION 6: RESEARCH FUNDING AND SCHOLARSHIPS

Extramural Funding – Pending (re)Submission

2026 – 2030

Title: Empowering the older adult to self-manage auditory wellness.

Grant agency: Patient-Centered Outcomes Research Institute (PCORI).

Type of grant/ Grant number: NA
Investigators: MPIs: Dhar, S. & Humes, L. Co-Is: Manchaiah, V. Sharma, A., Arnold, M., Chisolm, T., & Sanchez, V.
Effort: 5%
Budget: \$5,000,000. Sub-award budget of \$453,998.

2026 – 2030

Title: Assess Choose Educate and Learn (ACEL): A program for improved auditory wellness.
Grant agency: National Institute on Deafness and Other Communication Disorders (NIDCD)
Type of grant/ Grant number: R01
Investigators: MPIs: Dhar, S. & Humes, L. Consultants: Manchaiah, V., & Arnold, M.

2026 – 2031

Title: Optimizing internet-based care for adults with chronic tinnitus: Patient preferences and predictors of outcomes.
Grant agency: National Institute on Deafness and Other Communication Disorders (NIDCD).
Type of grant/ Grant number: R01.
Investigators: MPIs: Manchaiah, V. & Sharma, A. Co-Is: Rodrigo, H., & Schleider, J.
Effort: 15%
Budget: \$3,728,342.

Extramural Funding – Under Review

2026 – 2031

Title: Clinical trial to test the efficacy clemastine fumarate plus engineered sound as a treatment for a form of age-related central auditory processing disorder.
Grant agency: National Institute on Deafness and Other Communication Disorders (NIDCD).
Type of grant/ Grant number: U01.
Investigators: MPIs: Klug, A., Alvarez, E., Manchaiah, V. & Agrawal, Y.
Effort: 10%
Budget: \$3,808,214.

2026 – 2031

Title: Changing the paradigm of audiology practice: Implementation of speech in noise assessment.
Grant agency: National Institute on Deafness and Other Communication Disorders (NIDCD).
Type of grant/ Grant number: R01.
Investigators: MPIs: Fitzgerald, M. Co-Is: Manchaiah, V.
Effort: 5%
Sub-award Budget: \$234,000.

Extramural Funding – Current

2026/6 – 2028/5	<p>Title: Diagnosis-specific immersive virtual reality application development for the modulation of depressive and anxiety symptoms in children with severe tinnitus.</p> <p>Grant agency: American Tinnitus Association (ATA)</p> <p>Type of grant/ Grant number: NA</p> <p>Investigators: PIs: Chan, K. Co-Is: Manchaiah, V., Schoenborn, A., Rinaldi, J., Gaultney, W., Wang, T., Gilbert, D., Tong, S., & Schoun, B.</p> <p>Effort: 2%</p> <p>Budget: \$120,000.</p>
2025/04 – 2027/03	<p>Title: Sound advice for delivering hearing health care: Outcome evaluation and patient profiles for current and emerging service delivery models for hearing aids.</p> <p>Grant agency: William Dement Foundation.</p> <p>Type of grant/ Grant number: NA</p> <p>Investigators: PI: Sharma, A. Co-PI: Manchaiah, V. OSC: Ng, E.H.N.</p> <p>Effort: 5%</p> <p>Budget: \$399,521. Subaward budget: \$50,000.</p>
2024/04 – 2029/03	<p>Title: Emerging service delivery models for over-the-counter hearing aids: A hybrid effectiveness-implementation trial.</p> <p>Grant agency: National Institute on Deafness and Other Communication Disorders (NIDCD)</p> <p>Type of grant/ Grant number: R01DC021653.</p> <p>Investigators: MPIs: Manchaiah, V. & Sharma, A. Co-Is: Studts, C., Creel, L., & Min, S-J. OSCs: Swanepoel, D.W., & Ng, E.</p> <p>Effort: 15%</p> <p>Budget: \$3,163,373.</p>
2023/04 – 2026/03	<p>Title: Assessment of cochlear dysfunction in Black and White adults with stage 2 hypertension using high-frequency distortion product otoacoustic emissions.</p> <p>Grant agency: National Institute on Deafness and Other Communication Disorders (NIDCD)</p> <p>Type of grant/ Grant number: R21DC020561.</p> <p>Investigators: PI: Baiduc, R.R. Co-Is: Manchaiah, V., Goodman, S.S., & Vance, E.</p> <p>Effort: 5%</p> <p>Budget: \$604,771. Subaward budget: \$124,760.</p>
2021/05 – 2026/04	<p>Title: The emotions behind writing: Using natural language to understand hearing aid benefit and satisfaction.</p> <p>Grant agency: Sonova Holding AG.</p> <p>Type of grant/ Grant number: NA</p>

Investigators: MPIs: Swanepoel, D.W., & Manchaiah, V.
Effort: 5%
Budget: \$138,000.

Extramural Funding – Completed

2024/04 – 2025/01	Title: Cochlear implants maintenance visit decision agent study. Grant agency: Advanced Bionics. Type of grant/ Grant number: NA Investigators: PI: Campos, L., Co-Is: Manchaiah, V., & Nassiri, A. Effort: 2% Budget: \$21,728.
2022/05 – 2023/04	Title: The natural history of ototoxicity resulting from cisplatin. Grant agency: Decibel Therapeutics, Inc. Type of grant/ Grant number: NA. Investigators: PI: Manchaiah, V. Effort: 2% Budget: \$8,824.
2018/09 – 2022/08	Title: Cognitive Behavior Therapy based self-help delivered via the Internet for tinnitus sufferers: Efficacy trial in the U.S. population. Grant agency: National Institute on Deafness and Other Communication Disorders (NIDCD) Type of grant/ Grant number: R21DC017214. Investigators: PI: Manchaiah, V. Effort: 20% Budget: \$397,800.
2016/05 – 2017/04	Title: Internet-interventions for adults with tinnitus. Grant agency: British Society of Audiology, UK. Type of grant/ Grant number: Applied Research Grant. Investigators: PI: Beukes, E.; Co-PI: Baguley, D., Andersson, G. & Manchaiah, V. Effort: 10% Budget: \$7,500 (£4,992).
2015/08 – 2016/07	Title: Evaluating the advantages and limitations of Hypersound speakers. Grant agency: Turtle Beach Corporation. Type of grant/ Grant number: Industry Research Grant. Investigators: PI: Manchaiah, V. Effort: 10% Budget: \$12,000.

2014/04	<p>Title: Erasmus Staff Exchange Grant to visit Audiology Department, Escola Superior de Tecnologia da Saúde do Porto.</p> <p>Grant agency: Erasmus Mundus at Anglia Ruskin University.</p> <p>Type of grant/ Grant number: Exchange grant.</p> <p>Investigators: PI: Manchaiah, V.</p> <p>Budget: \$1,500 (£1,000).</p>
2012/01	<p>Title: UK-India Education and Research Initiative (UKIERI) – Staff Exchange Programme.</p> <p>Grant agency: British Council at Swansea University.</p> <p>Type of grant/ Grant number: NA</p> <p>Investigators: PI: Manchaiah, V.</p> <p>Budget: \$3,400 (£2,250).</p>
2011/11	<p>Title: Erasmus Staff Exchange grant to visit Audiology Department, Escola Superior de Tecnologia da Saúde do Porto (ESTSP-IPP), Portugal.</p> <p>Grant agency: Erasmus Mundus at Swansea University.</p> <p>Type of grant/ Grant number: Exchange grant.</p> <p>Investigators: PI: Manchaiah, V.</p> <p>Budget: \$1,500 (£1,000).</p>
2011 – 2012	<p>Title: Accessibility and usability of information from digital television in hearing impaired community.</p> <p>Grant agency: Engineering and Physical Sciences Research Council (EPSRC).</p> <p>Type of grant/ Grant number: Bridging the Gaps (BTG) Open Progarm Grant.</p> <p>Investigators: PI: Wu, Y.; Co-PI: Manchaiah, V.</p> <p>Budget: \$750 (£500).</p>
Intramural Funding – Completed	
2022/06 – 2024/05	<p>Title: Sound advice for delivering hearing health care: Evaluation of current and emerging service delivery models for hearing aids.</p> <p>Grant agency: University of Colorado.</p> <p>Type of grant/ Grant number: AB Nexus Grant.</p> <p>Investigators: MPIs: Sharma, A. & Manchaiah, V.</p> <p>Effort: 2%</p> <p>Budget: \$50,000.</p>
2016/05 – 2019/04	<p>Title: A Center for Applications of Digital Technologies in Health and Disability (CADT).</p> <p>Grant agency: Lamar University Visionary Initiatives</p> <p>Type of grant/ Grant number:</p> <p>Investigators: PI: Harn, M. & Co-PIs: Andrei, S., Manchaiah, V., Dockens, A., Azios, J., Long, E.</p>

Effort: 10%
Budget: \$300,000.

2016/04 **Title:** Virtual reality management of health issues – Hearing loss in adults.
Grant agency: Gill Foundation, USA.
Type of grant/ Grant number: Summer research grant.
Investigators: PI: Harn, M. & Co-PIs: Andrei, S., Manchaiah, V., Dockens, A., Azios, J., Long, E.
Effort: 5%
Budget: \$3000.

2014/04 – 2015/03 **Title:** An exploratory study of tinnitus in Indian context
Grant agency: All India Institute of Speech and Hearing, Mysore, India
Type of grant/ Grant number: AIISH Research Fund.
Investigators: PI: Krishna, R.; Co-PI: Manchaiah, V.
Effort: 5%
Budget: \$7,500 (INR 4,60,000).

2013/06 **Title:** Summer student research taster grant.
Grant agency: Anglia Ruskin University.
Type of grant/ Grant number: NA
Investigators: PI: Manchaiah, V.
Budget: \$3,000 (£2,000).

Scholarships

2012/12 **Title:** Travel grant.
Grant agency: International Office, Linköping University, Sweden
Budget: \$1,150 (8,000 SEK).

2011/09 – 2013/10 **Title:** Travel and subsistence support during Doctor of Philosophy (PhD) studies.
Grant agency: The Swedish Institute for Disability Research (SIDR), Linköping University, Sweden.
Budget: \$10,000 (100,000 SEK).

2011/09 – 2013/10 **Title:** Doctor of Philosophy (PhD) scholarship.
Grant agency: HEAD Graduate School, Linköping University, Sweden.
Budget: \$12,000 (125,000 SEK).

2011/11 **Title:** Scholarship for Doctor of Philosophy (PhD) studies.
Grant agency: Oticon Foundation.
Budget: \$9,000 (£6,000).

2008/06 **Title:** Scholarship for Doctor of Audiology (AuD) studies.
Grant agency: Oticon Foundation.
Budget: \$6,300 (£4,250).

SECTION 7: RESEARCH AND SCHOLARSHIP

Scholarship Record

Citation Record

As of Jan 22, 2026	Google Scholar	Scopus	Web of Science
Total times cited	6,826	3,661	3,196
<i>h</i>-index	40	29	29
<i>i10</i>-index	164	-	-

Scientific Database Profiles

- Google Scholar: <http://scholar.google.co.uk/citations?user=rgECg40AAAAJ&hl=en>
- ResearchGate: http://www.researchgate.net/profile/Vinaya_Manchaiah
- ORCID: <http://orcid.org/0000-0002-1254-8407>
- Scopus: <http://www.scopus.com/authid/detail.url?authorId=35330310500>
- Web of Science: <https://www.webofscience.com/wos/author/record/1690568>
- PubMed: <https://www.ncbi.nlm.nih.gov/pubmed/?term=manchaiah>

Scientific and Scholarly Production

Book (6)

1. **Manchaiah, V.**, Beukes, E.W., Swanepoel, D.W., & Hall, J.W. (eds) (2023). *Teleaudiology today: Remote assessment and management of hearing loss*. Seattle, USA: Amazon Kindle Direct Publishing.
2. **Manchaiah, V.**, Beukes, E., & Roeser, R.J. (2022). *Evaluating and conducting research in audiology*. San Diego, USA: Plural Publishing Inc.
3. Beukes, E., Andersson, G., **Manchaiah, V.** & Kaldo, V. (2021). *Cognitive behavioral therapy for tinnitus*. San Diego, USA: Plural Publishing Inc.
4. **Manchaiah, V.**, Danermark, B., Ratinaud, P. & Germundsson, P. (2019). *Disability and Social Representation Theory: The Case of Hearing Loss*. Oxon, UK: Routledge.
5. **Manchaiah, V.** & Taylor, B. (2018). *The role of communication partners in the audiological rehabilitation*. New York, USA: Nova Science Publishers, Inc.
6. **Manchaiah, V.** & Danermark, B. (eds). (2017). *The experiences of hearing loss: Journey through aural rehabilitation*. Oxon, UK: Routledge.

Book Chapter (14)

1. **Manchaiah, V.**, Swanepoel, D.W., Beukes, E., & Hall, J.W. (2023). An Introduction to teleaudiology: Definitions, principles and service delivery models. In: V. Manchaiah, J.W. Hall, E.W. Beukes, & D.W. Swanepoel (eds).

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4. Swanepoel, D.W., & **Manchaiah, V.** (2023). Challenges, opportunities and future directions for teleaudiology. In: V. Manchaiah, J.W. Hall, E.W. Beukes, & D.W. Swanepoel (eds). *Teleaudiology today: Remote assessment and management of hearing loss*. Seattle, USA: Amazon Kindle Direct Publishing, pp. 160-168.
5. Yoshinaga-Itano, C., **Manchaiah, V.**, & Hunnicutt, C. (2023). Rationale for UNHS/EDHI programs. In: C. Yoshinaga-Itano (ed). *Fast Facts, Early Hearing Detection and Intervention*, 21-27. Basel: Switzerland: Karger International. <https://doi.org/10.1159/978-3-318-07215-0>
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Peer-Reviewed Journal (274; *= Student Involvement)

1. Beukes, E.W., Andersson, G., & **Manchaiah, V.** (2026). Long-term outcomes of internet-based cognitive behaviour therapy for tinnitus: A 6-year follow-up longitudinal study. *JAMA Otolaryngology–Head and Neck Surgery*, In Press.
2. Pandey, P., Zraic, R.I., & **Manchaiah, V.** (2026). Health information for patients and families: Sources, data types, and tools for evaluating accessibility. *Patient Experience Journal*, In Press.
3. Knoetze, M., **Manchaiah, V.**, & Swanepoel, D.W. (2026). Usability and performance of Apple over-the-counter hearing aid feature. *American Journal of Audiology*, In Press.
4. Pandey, P., Sharma, A., Knoetze, M., Swanepoel, D.W., Schleider, J.L., & **Manchaiah, V.** (2026). Efficacy of single session intervention of tinnitus educational counseling (SSI-TED): A systematic review. *American Journal of Audiology*, In Press.
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8. *Cumming, J., Beukes, E.W., Oosthuizen, I., **Manchaiah, V.**, & Swanepoel, D.W. (2025). Understanding hearing aid use and non-use on adult hearing aid recipients: A qualitative content analysis. *Journal of the American Academy of Audiology*, Published Online. <https://doi.org/10.3766/jaaa.240105>
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15. Oosthuizen, I., Swanepoel, D.W., Boyd, R.L., Pennebaker, J.W., Launer, S., & **Manchaiah, V.** (2025). Exploring adult hearing aid user experiences: Meaning extraction methods, content patterns, and associations with outcome variables. *International Journal of Audiology*, 64(9), 909-919. <https://doi.org/10.1080/14992027.2024.2415958>
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11. Pyykkö, I., Kentala, E., Levo, H. & **Manchaiah, V.** (2016). Voiko Menieren taudin kohtauksessa pyörtyä? *Suomen Meniere-Posti*. Available from: <https://www.suomenmeniereliitto.fi/liity-jaseneksi/>
12. Pyykkö, I., Kentala, E., Levo, H. & **Manchaiah, V.** (2016). The symptoms of Ménière's mapping and forecasting disease. *Suomen Meniere-Posti*. Available from: <https://www.suomenmeniereliitto.fi/liity-jaseneksi/>
13. Pyykkö, I., Kentala, E., Levo, H. & **Manchaiah, V.** (2016). Ménière's disease and its treatment. *Suomen Meniere-Posti*. Available from: <https://www.suomenmeniereliitto.fi/liity-jaseneksi/>
14. Pyykkö, I., Kentala, E., Levo, H. & **Manchaiah, V.** (2016). Betahistine in the treatment of Ménière's disease. *Suomen Meniere-Posti*. Available from: <https://www.suomenmeniereliitto.fi/liity-jaseneksi/>

15. Pyykkö, I., Kentala, E., Levo, H. & **Manchaiah, V.** (2014). Vestibulaarimigreenin ja Menieren taudin erottaminen. *Suomen Meniere-Posti*. Available from: <https://www.suomenmeniereliitto.fi/liity-jaseneksi/>

Popular Media (1)

- Over-the-counter hearing aids offer a wide range of options – here are things to consider before buying. The Conversation. Available from: <https://theconversation.com/over-the-counter-hearing-aids-offer-a-wide-range-of-options-here-are-things-to-consider-before-buying-192936>

Technical Reports (3)

- Performed systematic literature review on “SARS-CoV-2 Virus (COVID-19) preventative measures on communication” in collaboration with Dr. Ilze Oosthuizen, Dr. Gabrielle Saunders and Prof. De Wet Swanepoel (<https://doi.org/10.3389/fpubh.2022.815259>) that informed the World Health Organization (WHO) scientific brief on COVID, hearing and communication.
- Performed systematic literature review on “Universal newborn hearing screening (UNHS)” in collaboration with Prof. Christine Yoshinaga-Itano and Ms. Cynthia Hunnicutt (<http://dx.doi.org/10.1111/ijcp.14196>) that informed the World Health Organization (WHO) recommendations on maternal and newborn care for a positive postnatal experience. Available at: <https://www.who.int/publications/i/item/9789240045989>
- Provided expert comments on “emerging hearing assistive technology applications” section of the WIPO Technology Trends 2021 report on “Assistive Technology.” Available at: <https://www.wipo.int/publications/en/details.jsp?id=4541>

Book Review (3)

1. **Manchaiah, V.K.C.** (2016). Professional Communication in Audiology. *ENT & Audiology News*.
2. **Manchaiah, V.K.C.** (2014). The Hearing Sciences, 2nd Edition. *International Journal of Audiology*, 53(1), 64.
3. **Manchaiah, V.K.C.** (2009). The Hearing Sciences by Teri A. Hamill & Lloyd L. Price (eds), Plural Publishing, 2008. *Audiological Medicine*, 7(2), 125.

Thesis (4)

1. **Manchaiah, V.K.C.** (2013). Evaluating the process of change: Studies on patient journey, hearing disability acceptance and stages-of-change. Thesis towards ‘Doctor of Philosophy (PhD) in Disability Research’, The Swedish Institute for Disability Research (SIDR), Linköping University, Sweden.
2. **Manchaiah, V.K.C.** (2013). Managing Disability Housing and Related Support: An exploratory study in South-Wales. Thesis towards ‘Executive – Masters in Business Administration (E-MBA)’, School of Business and Economics, Swansea University, Swansea, UK.
3. **Manchaiah, V.K.C.** (2011). PGCTHE Portfolio. Thesis towards ‘Post-graduate Certificate in teaching in higher education (PGCTHE)’, Swansea University,

Swansea, UK.

4. **Manchaiah, V.K.C.** (2007). The effect of stimulation rate on speech perception in 4th generation cochlear implant users. Thesis towards 'M.Sc Audiology', Institute of Sound and Vibration Research, University of Southampton, Southampton, UK.

Conference and Other Academic Presentations

Conference Presentations/ Papers/Posters (206; *= student involvement)

1. **Manchaiah, V.** (2025). Hearing what words reveal: Natural language processing to decade hearing aid outcome. *ASHA Foundation AI Summit*, Washington, D.C., November 2025. – **Invited**
2. **Manchaiah, V.**, Arnold, M., & Hay-McCutcheon, M. (2025). Breaking the sound barrier: Addressing the financial burden of hearing healthcare. *Hearing Care and Wellness: Toward Hearing Health for All*, Knowles Hearing Center, Northwestern University, Chicago, Illinois, October 2025. – **Invited**
3. *Gaydos, R., **Manchaiah, V.**, Vance, E., Brennan, C., Goodman, S., & Baiduc, R.R. (2025). Exploring the correlation between alcohol consumption and cochlear health. *Colorado Academy of Audiology (CAA) Annual Conference*, Estes Park, Colorado, October 2025.
4. **Manchaiah, V.** (2025). Epidemiology and risk factors of hearing loss in thyroid eye disease (TED). *American Academy of Ophthalmology*, Orlando, Florida, October 2025. – **Poster**
5. **Manchaiah, V.** (2025). OTC hearing aids 101. *American Academy of Otolaryngology-Head and Neck Surgery*, Indianapolis, Indiana, October 2025. – **Invited**
6. **Manchaiah, V.** & Morata, T. (2025). Introduction to the Global Audiology Initiative of the International Society of Audiology. *33rd World Congress of the International Association of the Communication Science and Disorders*, Malta, August 2025.
7. **Manchaiah, V.** (2025). Clinically meaningful change in tinnitus. *Colorado Audiology Symposium*, Aurora, Colorado, June 2025. – **Invited**
8. **Manchaiah, V.** (2025). Clinically meaningful change: Definitions and methods. *Colorado Audiology Symposium*, Aurora, Colorado, June 2025. – **Invited**
9. Cormier, K., Schimmel, C., **Manchaiah, V.**, & Sharma, A. (2025). Examining EEG correlates of tinnitus in mild to moderate hearing loss. *International Evoked Response Audiometry Study Group (IERASG)*, Boulder, Colorado, June 2025. – **Poster**
10. **Manchaiah, V.** (2025). Hearing aid technology levels: A literature review and insights from clinical experience. *International Hearing Aid Developers Forum*, Oldenberg, Germany, June 2025. – **Invited**
11. **Manchaiah, V.** (2025). Emerging hearing aid service delivery models to address access and affordability issues in low-resource settings. *Rush University Otolaryngology Global Health Symposium*, Chicago, Illinois, May 2025. – **Invited**
12. **Manchaiah, V.** (2025). Advancing audiology across diverse communities and contexts. *Moroccan Society of Audiology (SAM)*, Marrakesh, Morocco, April 2025. – **Invited**

13. **Manchaiah, V.** (2025). Otoacoustic emissions and automated ABR. *Moroccan Society of Audiology (SAM)*, Marrakesh, Morocco, April 2025. – **Invited**
14. **Manchaiah, V.** (2025). Newborn hearing screening. *Moroccan Society of Audiology (SAM)*, Marrakesh, Morocco, April 2025. – **Invited**
15. Mavandi, M., Hyler, J., Lee, E., Singh, R., Swanepoel, D.W., Nassiri, A., & **Manchaiah, V.** (2025). Pharmacotherapeutic interventions for sensorineural hearing loss: A scoping review. KCU Research Symposium, Kansas City, Missouri (USA), April 2025.
16. Khalili, M.E., Roemen, J.H., Baiduc, R.A., **Manchaiah, V.**, Dhar, S., Lichtenhan, J.T., & Goodman, S.S. (2025). Characterizing level growth functions of DPOAEs evoked by a fixed L1 swept L2 paradigm. Association for Research in Otolaryngology (ARO) Conference, Orlando, Florida (USA), February 2025.
17. Pandey, P., Knoetze, M., Sharma, A., Swanepoel, D.W., & **Manchaiah, V.** (2025). Effectiveness of hearing devices: Systematic review and meta-analysis of RCTs. American Auditory Society (AAS) Conference, Scottsdale, Arizona (USA), February 2025.
18. Cormier, K., Schimmel, C., **Manchaiah, V.** & Sharma, A. (2025). Examining EEG correlates of tinnitus in mild to moderate hearing loss. American Auditory Society (AAS) Conference, Scottsdale, Arizona (USA), February 2025.
19. **Manchaiah, V.** (2025). Usability and outcomes self-fitting OTC hearing aids. Ultimate Colorado Midwinter Meeting, Vail, February 2024.
20. *Dugdale, K., Cormier, K., Schimmel, C., **Manchaiah, V.**, Sharma, A. (2024). Neuroplasticity changes and P300 amplitudes over time in first time hearing aid users. American Speech-Language-Hearing Association Convention, Seattle, Washington, December 2024. – **Poster**
21. *Cormier, K., Schimmel, C., Dugdale, K., **Manchaiah, V.**, Sharma, A. (2024). Cortical neuroplasticity after intervention in hearing loss. Society for Neuroscience Annual Conference, Chicago, Illinois, October 2024. – **Poster**
22. **Manchaiah, V.** (2024). Digital technologies for assessment and management of hearing loss. *Philippine Society of Otolaryngology-Head and Neck Surgery (PSO-HNS) 68th Annual Convention*, Manila, Philippines, December 2024. – **Invited**
23. **Manchaiah, V.** (2024). Cochlear implant patient journey: Assessment and follow-up at UCHealth and other US centres. *Philippine Society of Otolaryngology-Head and Neck Surgery (PSO-HNS) 68th Annual Convention*, Manila, Philippines, December 2024. – **Invited**
24. **Manchaiah, V.** & Swanepoel, D.W. (2024). Artificial intelligence and audiology: Research update and clinical implications. *Colorado Academy of Audiology (CAA) Annual Conference*, October 2024. – **Invited**
25. Groon, K., Ochoa, J., Corcoran, K., Adamczak, M., Iannuzzi, K., Kolb, S., Campos, L., Horan, M., **Manchaiah, V.** & Nassiri, A. (2024). Improving the patient experience and access to care for cochlear implant candidates. *Colorado Academy of Audiology (CAA) Annual Conference*, October 2024.
26. *Lucero, V., Schimmel, C., Cormier, K., **Manchaiah, V.** & Sharma, A. (2024). Investigating crossmodal reorganization with OTC hearing aid users. *Colorado Academy of Audiology (CAA) Annual Conference*, October 2024. **Awarded first prize for best student poster.**

27. Mahomed-Asmail, F., Oosthuizen, I., Skyes, C., Swanepoel, D.W., & **Manchaiah, V.** (2024). Embedding audiological services into the World Health Organization's International Classification of Health Interventions (ICHI). *36th World Congress of Audiology (WCA)*, Paris, France, September 2024.

28. Knoetze, M., **Manchaiah, V.**, De Sousa, K., & Swanepoel, D.W. (2024). Comparing self-fitting strategies for over-the-counter hearing aids: A crossover trial. *36th World Congress of Audiology (WCA)*, Paris, France, September 2024. – **Poster**

29. Knoetze, M., **Manchaiah, V.**, Mothemela, B., & Swanepoel, D.W. (2024). Factors influencing hearing help-seeking and hearing aid uptake in adults: A Systematic review of the past decade. *36th World Congress of Audiology (WCA)*, Paris, France, September 2024.

30. Knoetze, M., **Manchaiah, V.**, & Swanepoel, D.W. (2024). Comparing usability and performance of self-fitting over-the-counter hearing aids. *36th World Congress of Audiology (WCA)*, Paris, France, September 2024.

31. Swanepoel, D.W., Mothemela, B., **Manchaiah, V.**, Knoetze, M., & Mahomed-Asmail, F. (2024). Factors influencing hearing aid use, benefit and satisfaction in adults: A systematic review of the past decade. *36th World Congress of Audiology (WCA)*, Paris, France, September 2024.

32. Mothemela, B., Swanepoel, D.W., Mahomed-Asmail, F., **Manchaiah, V.**, & Graham, M. (2024). Factors associated with hearing aid outcomes including social networks, self-reported mental health and service delivery models. *36th World Congress of Audiology (WCA)*, Paris, France, September 2024.

33. **Manchaiah, V.**, & Morata, T. (2024). Introduction to Global Audiology initiative. *36th World Congress of Audiology (WCA)*, Paris, France, September 2024.

34. **Manchaiah, V.**, Taddei, S., Bailey, A., Swanepoel, D.W., Rodrigo, H., & Sabin, A. (2024). A novel consumer-centric metric for evaluating hearing device audio performance. *36th World Congress of Audiology (WCA)*, Paris, France, September 2024.

35. Knoetze, M., **Manchaiah, V.**, De Sousa, K., Moore, D., & Swanepoel, D.W. (2024). Beyond the Prescription – The effectiveness and the usability of OTC hearing aids. *International Hearing Aid Conference (IHCON)*, Lake Tahoe, California, USA, August 2024.

36. **Manchaiah, V.**, Taddei, S., Bailey, A., Swanepoel, D.W., Rodrigo, H., & Sabin, A. (2024). A novel consumer-centric metric for evaluating hearing device audio performance. *International Hearing Aid Conference (IHCON)*, Lake Tahoe, California, USA, August 2024.

37. **Manchaiah, V.** (2024). The emergence of new hearing device categories for hearing care across the lifespan. *South African Speech-Language-Hearing Association (SASLHA)*, June 2024. – **Invited**

38. **Manchaiah, V.**, Taddei, S., Bailey, A., Swanepoel, D.W., Rodrigo, H., & Sabin, A. (2024). A novel consumer-centric metric for evaluating hearing device audio performance. *Hearing Across the Lifespan (HeAL)*, Cernobbio, Lake Como, Italy, June 2024.

39. Swanepoel, D.W., Frisby, C., de Kock, T., Moore, D., **Manchaiah, V.**, & Mothemela, B. (2024). Hearing aid service delivery by community health workers using mHealth technologies in low-income settings. *Hearing Across the Lifespan (HeAL)*, Cernobbio, Lake Como, Italy, June 2024.

40. **Manchaiah, V.** (2024). What can we learn from big data research in hearing healthcare? *Third Annual Future of Hearing Healthcare Conference (Virtual)*, May 2024. – **Invited**

41. **Manchaiah, V.** (2024). Generating, handling, and drawing inferences from big data in hearing healthcare. American Auditory Society (AAS), Scottsdale, Arizona (USA), February 2024. – **Invited**

42. **Manchaiah, V.** (2023). Factors influencing hearing help-seeking, hearing aid uptake, and outcomes of hearing aid. *Palm Spring Hearing Seminar 2023*, Palm Springs, California, December 2023. – **Invited**

43. **Manchaiah, V.** (2023). Neurophysiological perspectives on OTC hearing aid outcomes. *Palm Spring Hearing Seminar 2023*, Palm Springs, California, December 2023. – **Invited**

44. **Manchaiah, V.**, Abrams, H., Creed, L., Reed, M., & Marrone, N. (2023). OTCs for the audiologist's toolkit: A 2023 update. *American Speech-Language Hearing Association (ASHAA) Annual Convention 2023*, Boston, Massachusetts, November 2023. – **Invited**

45. *Cormier, K., Schimmel, C., Raden, N., Dugdale, K., **Manchaiah, V.**, & Sharma, A. (2023). Brain plasticity and cognition in response to hearing aids. *American Speech-Language Hearing Association (ASHAA) Annual Convention 2023*, Boston, Massachusetts, November 2023. – **Poster**

46. *Schimmel, C., Cormier, K., **Manchaiah, V.**, Swanepoel, D.W., & Sharma, A. (2023). Online self-assessment of hearing ability and hearing aid intervention. *American Speech-Language Hearing Association (ASHAA) Annual Convention 2023*, Boston, Massachusetts, November 2023. – **Poster**

47. *Sake, H., Bell-Souder, D., **Manchaiah, V.**, Swanepoel, D.W., & Sharma, A. (2023). Remote vs in-person testing of speech-in-noise using AzBio. *Colorado Academy of Audiology (CAA) Conference 2023*, Colorado Springs, Colorado, October 2023. – **Poster**

48. *Raden, N., Cormier, K., Schimmel, C., Dugdale, K., **Manchaiah, V.**, & Sharma, A. (2023). How amplification affects cognition as measured by a cognitive visual evoked potential. *Colorado Academy of Audiology (CAA) Conference 2023*, Colorado Springs, Colorado, October 2023. – **Poster Awarded second prize for best student poster**

49. *Ramirez, J., Schimmel, C., **Manchaiah, V.**, & Sharma, A. (2023). Creating an over-the-counter hearing aid fact sheet. *Colorado Academy of Audiology (CAA) Conference 2023*, Colorado Springs, Colorado, October 2023. – **Poster**

50. **Manchaiah, V.** (2023). The positive side of living with tinnitus. *Tinnitus Conference 2023 – Virtual*, September 2023.

51. **Manchaiah, V.** (2023). What we know about direct-to-consumer hearing devices? *Advanced Practice in Hearing and Balance Symposium (APHBS) 2023*, Aurora, Colorado, July 2023.

52. *Frisby, C., De Sousa, K.C., Eikelboom, R., Mahomed-Asmail, F., Moore, D., de Kock, T., **Manchaiah, V.**, & Swanepoel, D.W. (2023). Smartphone-facilitated in-situ audiometry for community-based hearing testing. *Virtual Conference on Computational Audiology (VCCA)*, June 2023.

53. **Manchaiah, V.** (2023). Hearing healthcare professionals' and consumers' views on over-the-counter hearing aids. *Third Annual Future of Hearing Healthcare Conference (Virtual)*, May 2023. – Invited

54. De Sousa, K., **Manchaiah, V.**, Moore, D.R., Graham, M.A., & Swanepoel, D.W. (2023). Effectiveness of an over-the-counter self-fitting hearing aid compared to an audiologist-fitted hearing aid: A randomized clinical trial. *16th Congress of European Federation of Audiology Societies (EFAS)*, Sibenik, Croatia, May 2023.

55. *Frisby, C., Eikelboom, R., Mahomed-Asmail, F., Kuper, H., de Kock, T., **Manchaiah, V.**, & Swanepoel, D.W. (2023). Community-based adult hearing care provided by community healthcare workers using mHealth technologies. *16th Congress of European Federation of Audiology Societies (EFAS)*, Sibenik, Croatia, May 2023.

56. *Frisby, C., Oosthuizen, I., **Manchaiah, V.**, Chada, S., & Swanepoel, D.W. (2023). Evidence for combined hearing and vision screening: A scoping review. *16th Congress of European Federation of Audiology Societies (EFAS)*, Sibenik, Croatia, May 2023.

57. *Frisby, C., De Sousa, K., Eikelboom, R., Mahomed-Asmail, F., Kuper, H., Moore, D., De Kock, T., **Manchaiah, V.**, & Swanepoel, D.W. (2023). Validity of smartphone facilitated in-situ hearing aid audiometry for community-based hearing testing. *16th Congress of European Federation of Audiology Societies (EFAS)*, Sibenik, Croatia, May 2023.

58. *Knoetze, M.C., Beukes, E.W., **Manchaiah, V.**, Oosthuizen, I., & Swanepoel, D.W. (2023). Reasons for hearing aid uptake in users from the United States: A large-scale qualitative study. *16th Congress of European Federation of Audiology Societies (EFAS)*, Sibenik, Croatia, May 2023.

59. *Knoetze, M.C., **Manchaiah, V.**, Mothemela, B., & Swanepoel, D.W. (2023). Factors influencing hearing help-seeking and hearing aid uptake in adults: A systematic review of the past decade. *16th Congress of European Federation of Audiology Societies (EFAS)*, Sibenik, Croatia, May 2023.

60. Oosthuizen, I., Saunders, G.H., **Manchaiah, V.**, & Swanepoel, D.W. (2023). Impact of SARS-CoV-2 virus (COVID-19) preventative measures on communication. *16th Congress of European Federation of Audiology Societies (EFAS)*, Sibenik, Croatia, May 2023.

61. *Mothemela, B.G., Swanepoel, D.W., Mahomed-Asmail, F., & **Manchaiah, V.** (2023). Predictors of hearing aid outcomes including social networks, mental health and service delivery models. *16th Congress of European Federation of Audiology Societies (EFAS)*, Sibenik, Croatia, May 2023.

62. *Mothemela, B.G., Swanepoel, D.W., Mahomed-Asmail, F., & **Manchaiah, V.** (2023). Factors influencing hearing aid use, benefit, and satisfaction: A systematic review. *16th Congress of European Federation of Audiology Societies (EFAS)*, Sibenik, Croatia, May 2023.

63. *Cuming, J., **Manchaiah, V.**, Mahomed-Asmail, F., Beukes, E.W., & Swanepoel, D.W. (2023). Understanding hearing aid non-use in adults: A qualitative content analysis. *16th Congress of European Federation of Audiology Societies (EFAS)*, Sibenik, Croatia, May 2023.

64. *Desai, N., **Manchaiah, V.**, Mahomed-Asmail, F., Beukes, E.W., & Swanepoel, D.W. (2023). User perspectives on hearing aids and changes for improved use. *16th Congress of European Federation of Audiology Societies (EFAS)*, Sibenik, Croatia, May 2023.

65. Bennett, B., Swanepoel, D.W., **Manchaiah, V.**, & Heselton, T. (2023). Hearing aid acquisition and ownership: What can we learn from online consumer reviews? *Audiology Australia Annual Conference*, Broadbeach, Australia, May 2023.

66. **Manchaiah, V.**, Mothemela, B.B., Mahomed-Asmail, F., Swanepoel, D.W., & Graham, M.A. (2023). Predictors of hearing aid outcomes: Social networks, mental health, and service-delivery models. *American Academy of Audiology (AAA) Annual Conference “Audiology Now,”* Seattle, April 2023.

67. Karlsson, E., Mäki-Torkko, E., Granberg, S., Widén, S.E., **Manchaiah, V.**, Swarnalatha Nagaraj, V., Selb, M., Swanepoel, D.W., Yerraguntla, K., Gustafsson, J., & Pichora-Fuller, M.K. (2023). Development and validation of the Hearing and Functioning in Everyday Life Questionnaire. *American Academy of Audiology (AAA) Annual Conference “Audiology Now,”* Seattle, April 2023.

68. *Cormier, K.F., Sharma, A., Brennan, C., Schimmel, C., & **Manchaiah, V.** (2023). Repeated cognitive screening considerations in audiology settings. *American Academy of Audiology (AAA) Annual Conference “Audiology Now,”* Seattle, April 2023. – Poster

69. *Schimmel, C., Cormier, K.F., Sharma, A., **Manchaiah, V.**, & Swanepoel, D.W. (2023). Digits-In-Noise test as a remote hearing assessment tool. *American Academy of Audiology (AAA) Annual Conference “Audiology Now,”* Seattle, April 2023. – Poster

70. **Manchaiah, V.**, Oosthuizen, I., & Swanepoel, D.W. (2023). Use of natural language processing to examine hearing aid outcomes from open-ended text. American Auditory Society (AAS), Scottsdale, Arizona (USA), March 2023.

71. **Manchaiah, V.**, De Sousa, K., Oosthuizen, I., Graham, M., Moore, D., & Swanepoel, D.W. (2023). Outcomes of self-fitting over-the-counter (OTC) hearing aids when compared to hearing aids fit by hearing care professionals. American Auditory Society (AAS), Scottsdale, Arizona (USA), March 2023.

72. *Mothemela, B.G., Swanepoel, D.W., **Manchaiah, V.**, Mahomed-Asmail, F., & Knotze, M.C. (2023). Factors influencing hearing aid use, benefit and satisfaction in adults: A systematic review of the past decade. American Auditory Society (AAS), Scottsdale, Arizona (USA), March 2023. – Poster

73. *Knotze, M.C., **Manchaiah, V.**, Mothemela, B.G., & Swanepoel, D.W. (2023). Factors influencing help-seeking and hearing aid uptake: A systematic review. American Auditory Society (AAS), Scottsdale, Arizona (USA), March 2023. – Poster

74. *Knotze, M.C., Beukes, E.W., **Manchaiah, V.**, Oosthuize, I., & Swanepoel, D.W. (2023). Reasons for hearing aid uptake: A qualitative study. American Auditory Society (AAS), Scottsdale, Arizona (USA), March 2023. – Poster

75. *Frisby, C., Eikelboom, R., Mahomed-Asmail, F., Kuper, H., Moore, D., de Kock, T., **Manchaiah, V.**, & Swanepoel, D.W. (2023). Adult hearing care by community healthcare workers using mHealth. American Auditory Society (AAS), Scottsdale, Arizona (USA), March 2023. – **Poster**

76. *Mothemela, B.G., Swanepoel, D.W., **Manchaiah, V.** & Mahomed-Asmail, F. (2023). Predictors of hearing aid outcomes including social networks, mental health and service delivery models. American Auditory Society (AAS), Scottsdale, Arizona (USA), March 2023. – **Poster**

77. *Vasupradaa, M., Maruthy, S., & **Manchaiah, V.** (2023). Application of International Classification of Functioning, Disability, and Health (ICF) to understand the problems and life effects experienced by adults who stutter. 54th Indian Speech-Language and Hearing Association (ISHA) Annual Conference, Delhi (India), February 2023.

78. **Manchaiah, V.** (2023). Literature review on OTC hearing aids: Electroacoustic analysis, consumer surveys, and clinical trials. *Ultimate Colorado Midwinter Meeting*, Vail, January 2023.

79. *Chaudhry, S., **Manchaiah, V.** & Deshpande, A. (2022). A micro analysis of tinnitus data on Facebook. American Speech-Language and Hearing Association (ASHA) Annual Convention, New Orleans (USA), November 2022. – **Poster**

80. *Mothemela, B., **Manchaiah, V.**, Mahomed-Asmail, F., Graham, M., & Swanepoel, D.W. (2022). Predictors of hearing aid outcomes: a prospective study including service-delivery model, mental health and social networks. 58th South African ENT / SAAA Congress, Johannesburg, South Africa, October 2022.

81. **Manchaiah, V.** (2022). Cognitive behavioral therapy for tinnitus. *AUDICON VII 2022*, Manipal, India, November 2022. – **Invited**

82. *Baker, F., Bell-Souder, D., Cormier, K., **Manchaiah, V.**, & Sharma, A. (2022). Differences in brain activity in adults with and without tinnitus. *Colorado Academy of Audiology (CAA) Conference 2022*, Beaver Creek, Colorado, October 2022. – **Poster**

83. *Schimmel, C., Cormier, K., **Manchaiah, V.**, Swanepoel, D.W., & Sharma, A. (2022). Digits-in-noise test as an at home clinical tool. *Colorado Academy of Audiology (CAA) Conference 2022*, Beaver Creek, Colorado, October 2022. – **Poster**

84. **Manchaiah, V.** (2022). Internet interventions for hearing loss, tinnitus and balance disorders. *Colorado Academy of Audiology (CAA) Conference 2022*, Beaver Creek, Colorado, October 2022. – **Invited**

85. Rodrigo, H., **Manchaiah, V.**, Beukes, E.W., & Andersson, G. (2022). Explainable artificial intelligence for assessing impact of internet-based cognitive behavioral therapy for tinnitus. *ASA Biopharmaceutical Section Regulatory-Industry Statistics Workshop 2022*, Beaver Creek, Rockville, Maryland, September 2022. – **Poster**

86. Vercammen, C., Oosthuizen, I., **Manchaiah, V.**, Launer, S., & Swanepoel, D.W. (2022). Real-life and real-time hearing aid experiences: Insights from smartphone-collected data. *International Hearing Aid Research Conference (IHCON) 2022*, Tahoe City, California, August 2022.

87. *Frisby, C., Eikelboom, R.H., Mahomed-Asmail, F., Kuper, H., de Kock, T., **Manchaiah, V.**, & Swanepoel, D.W. (2022). Community-based adult hearing care provided by community healthcare workers using mHealth technologies. *International Hearing Aid Research Conference (IHCN) 2022*, Tahoe City, California, August 2022.

88. Swanepoel, D.W., Oosthuizen, I., Graham, M., & **Manchaiah, V.** (2022). Comparing hearing aid outcomes for emerging direct-to-consumer and hearing care professional service delivery models. *International Hearing Aid Research Conference (IHCN) 2022*, Tahoe City, California, August 2022.

89. Oosthuizen, I., **Manchaiah, V.**, Launer, S., & Swanepoel, D.W. (2022). Hearing aid experiences of adult hearing aid owners during and after fitting: A systematic review of qualitative studies. *International Hearing Aid Research Conference (IHCN) 2022*, Tahoe City, California, August 2022.

90. *Knoetze, M., **Manchaiah, V.**, Mothemela, B., & Swanepoel, D.W. (2022). Factors influencing hearing help-seeking and hearing device uptake in adults: A systematic review of the past decade. *International Hearing Aid Research Conference (IHCN) 2022*, Tahoe City, California, August 2022.

91. *Mothemela, B., **Manchaiah, V.**, Knoetze, M., Mahomed-Asmail, F., & Swanepoel, D.W. (2022). Factors influencing hearing aid use, benefit and satisfaction in adults: A systematic review of the past decade. *International Hearing Aid Research Conference (IHCN) 2022*, Tahoe City, California, August 2022.

92. Vercammen, C., Oosthuizen, I., **Manchaiah, V.**, & Swanepoel, D.W. (2022). Real-life and real-time hearing aid experiences: Insights from smartphone collected data. *Hearing Across Lifespan (HeAL)*, Lake Como, Italy, June 2022.

93. *Meaney, K., **Manchaiah, V.**, & Deshpande, A.K. (2022). Qualitative and quantitative analysis of Reddit posts on tinnitus. *American Academy of Audiology (AAA) Annual Conference "Audiology Now,"* St Louis, March 2022. – **Poster**

94. Deshpande, A.K., O'Brien-Russo, C., & **Manchaiah, V.** (2022). How susceptible is tinnitus community to online tinnitus misinformation? *American Academy of Audiology (AAA) Annual Conference "Audiology Now,"* St Louis, March 2022. – **Poster**

95. *Ulep, A.J., Eubank, T., **Manchaiah, V.**, Beukes, E.W. (2022). Systematic review on the impact of COVID 19 and the pandemic on tinnitus. *American Academy of Audiology (AAA) Annual Conference "Audiology Now,"* St Louis, March 2022. – **Poster**

96. **Manchaiah, V.** (2022). General trends in teleaudiology. *53rd Annual Convention of the Indian Speech and Hearing Association (ISHACON 2022)*, Virtual Meeting, February 2022. – **Invited**

97. **Manchaiah, V.** (2022). Internet interventions for audiovestibular disorders. *Ultimate Colorado Midwinter Meeting*, Vail, February 2022.

98. *Ulep, A.J., Eubank, T., Beukes, E.W. & **Manchaiah, V.** (2021). The impact of COVID 19 and the pandemic on tinnitus: A systematic review. *Texas Academy of Audiology (TAA) Annual Conference*, Houston, October 2021. – **Poster**

99. *Azeem, S., Welborn, T., Beukes, E.W., & Manchaiah, V. (2021). Effects of work on tinnitus and daily tasks: A cross-sectional study. *Texas Academy of Audiology (TAA) Annual Conference*, Houston, October 2021. – **Poster**

100. **Manchaiah, V.** (2021). Social media and hearing health: Why do we care? *Oklahoma Speech-Language-Hearing Association (OSHA) Annual Conference*, October 2021. – **Invited**

101. **Manchaiah, V.** (2021). Direct-to-consumer hearing healthcare: Do audiologists have a role to play? *Oklahoma Speech-Language-Hearing Association (OSHA) Annual Conference*, October 2021. – **Invited**

102. **Manchaiah, V.** (2021). Internet-based interventions for individuals with chronic tinnitus. *Oklahoma Speech-Language-Hearing Association (OSHA) Annual Conference*, October 2021. – **Invited**

103. **Manchaiah, V.** (2021). What can we learn from online consumer reviews about hearing healthcare services? *Hear More* virtual conference organized by GN Resound, September 2021. – **Invited**

104. **Manchaiah, V.** (2021). Effect of COVID-19 pandemic on audiology workplace and audiologists mental health. *Hear More* virtual conference organized by GN Resound, September 2021. – **Invited**

105. Revel, M., **Manchaiah, V.**, Londero, A., Palacios, G., Deshpande, A.K., Boyd, R., & Ratinaud, P. (2021). What can we learn about tinnitus from social media posts? Virtual Conference on Computational Audiology, June 2021.

106. Beukes, E.W., Andersson, G., Fagelson, M.A., & **Manchaiah, V.** (2021). Outcomes and experiences of delivering an internet-based intervention for tinnitus during the COVID-19 pandemic. Virtual Conference on Computational Audiology, June 2021.

107. Knoetze, M., Mahomed-Asmail, F., **Manchaiah, V.**, & Swanepoel, D.W. (2021). Sound-level monitoring earphones with smartphone feedback as an intervention to promote healthy listening behavior in young adults. Virtual Conference on Computational Audiology, June 2021.

108. **Manchaiah, V.** (2021). Reconceptualizing hearing aids: Consumer electronics are merging with medical devices. *Advances in hearing aid technology and fitting – Current trends and recent updates*, Virtual Webinar organized by the Delhi Branch of Indian Speech and Hearing Association (DISHA), May 2021. – **Invited**

109. Eikelboom, R., Swanepoel, D.W., Bennett, R., & **Manchaiah, V.** (2021). The impact of COVID-19 on audiology: an international perspective. *Audiology Australia 2021*, May 2021.

110. Cella, M., **Manchaiah, V.**, van Wier, M., & Pearson, S. (2021). Keynote panel on social media and hearing. Fifth International Meeting on Internet & Audiology 2021, Virtual Conference, May 2021.

111. **Manchaiah, V.**, Revel, M., Palacios, G., Londero, A., Deshpande, A.K., Boyd, R., & Ratinaud, P. (2021). What can we learn about tinnitus from social media posts? Fifth International Meeting on Internet & Audiology 2021, Virtual Conference, May 2021.

112. **Manchaiah, V.**, Rodrigo, H., Andersson, G., & Beukes, E.W. (2021). Applications of artificial intelligence technique in predicting tinnitus intervention

outcomes. Fifth International Meeting on Internet & Audiology 2021, Virtual Conference, May 2021.

113. Beukes, E.W., **Manchaiah, V.**, Andersson, G., & Fagelson, M.A. (2021). Outcomes and experiences of delivering internet-based cognitive behavioral therapy in the US during the COVID-19 pandemic. Fifth International Meeting on Internet & Audiology 2021, Virtual Conference, May 2021.

114. **Manchaiah, V.**, Revel, M., Palacios, G., Londero, A., Deshpande, A.K., Boyd, R., & Ratinaud, P. (2021). What can we learn about tinnitus from social media posts? American Academy of Audiology (AAA) Annual Virtual Conference “Audiology Now,” April 2021.

115. Chundu, S., Allen, P., & **Manchaiah, V.** (2021). Social representation of hearing loss and hearing aids. American Academy of Audiology (AAA) Annual Virtual Conference “Audiology Now,” April 2021.

116. Bennett, R., Swanepoel, D.W., **Manchaiah, V.**, Heselton, T., Ratinaud, P., Bailey, A., Pennebaker, J.W. (2021). Online hearing aid consumer reviews. American Academy of Audiology (AAA) Annual Virtual Conference “Audiology Now,” April 2021.

117. Picou, E. & **Manchaiah, V.** (2021). Consumer survey on hearing aid preferences, benefits, and satisfaction. American Academy of Audiology (AAA) Annual Virtual Conference “Audiology Now,” April 2021.

118. Eikelboom, R., Swanepoel, D.W., Bennett, R., & **Manchaiah, V.** (2021). COVID 19 and the impact on audiology: an international survey. American Academy of Audiology (AAA) Annual Virtual Conference “Audiology Now,” April 2021.

119. Beukes, E., & **Manchaiah, V.** (2021). What is cognitive behavioral therapy for tinnitus all about? American Academy of Audiology (AAA) Annual Virtual Conference “Audiology Now,” April 2021.

120. Knoetze, M., **Manchaiah, V.**, Swanepoel, D.W., & Mahomed-Asmail, F. (2021). Sound-level monitoring earphones with smartphone monitoring as an intervention. American Academy of Audiology (AAA) Annual Virtual Conference “Audiology Now,” April 2021. – *Poster*

121. Beukes, E., & **Manchaiah, V.** (2021). Internet-based cognitive behavioral therapy: Results of two US RCTs. American Academy of Audiology (AAA) Annual Virtual Conference “Audiology Now,” April 2021. – *Poster*

122. Beukes, E., & **Manchaiah, V.** (2021). What was the effect of the COVID 19 pandemic on tinnitus in North America. American Academy of Audiology (AAA) Annual Virtual Conference “Audiology Now,” April 2021. – *Poster*

123. **Manchaiah, V.**, Rodrigo, H., Beukes, E., & Andersson, G. (2021). Applications of artificial intelligence techniques in predicting tinnitus intervention outcomes. American Academy of Audiology (AAA) Annual Virtual Conference “Audiology Now,” April 2021. – *Poster*

124. **Manchaiah, V.**, Beukes, E., Andersson, G., Fagelson, M., & Boyd, R. (2021). Use of open-ended questions to examine consequences of tinnitus. American Academy of Audiology (AAA) Annual Virtual Conference “Audiology Now,” April 2021. – *Poster*

125. **Manchaiah, V.** (2021). LoCHAid: An ultra-low-cost hearing for age-related hearing loss. Innovations in Hearing Technology & Care Virtual Conference, April 2021.

126. **Manchaiah, V.**, Bennett, R., Heselton, T., & Swanepoel, D.W. (2021). Online hearing aid consumer reviews. American Auditory Society (AAS) Virtual Conference, March 2021.

127. ***Knoetze, M.C.**, Swanepoel, D.W., Mahomed-Asmail, F., & **Manchaiah, V.** (2021). Sound-level monitoring earphones with smartphone feedback as an intervention. American Auditory Society (AAS) Virtual Conference, March 2021.

128. Beukes, E., **Manchaiah, V.**, Fagelson, M., & Andersson, G. (2021). Internet-based cognitive behavioral therapy: results of two US RCTs. American Auditory Society (AAS) Virtual Conference, March 2021.

129. Beukes, E., **Manchaiah, V.**, Maidment, D., Andersson, G., Baguley, D., & Allen, P. (2021). Exploring tinnitus subgroups. American Auditory Society (AAS) Virtual Conference, March 2021.

130. Chundu, S., **Manchaiah, V.**, Han, W., Thammaiah, S., Ratinaud, P., & Allen, P. (2021). Social representations of hearing loss and hearing aids. American Auditory Society (AAS) Virtual Conference, March 2021.

131. Karlsson, E., Mäki-Torkko, E., Widén, S., Gustafsson, J., **Manchaiah, V.**, Mahomed-Asmail, F., Swanepoel, D.W., Yerraguntla, K., Granberg, S. (2021). Validation of the brief ICF core set for hearing loss. American Auditory Society (AAS) Virtual Conference, March 2021. – **Poster**

132. Rodrigo, H., **Manchaiah, V.**, Andersson, G., & Beukes, E. (2021). Applications of artificial intelligence techniques in predicting tinnitus intervention outcomes. American Auditory Society (AAS) Virtual Conference, March 2021. – **Poster**

133. **Manchaiah, V.**, Andersson, G., Fagelson, M., Boyd, R., & Beukes, E. (2021). Use of open-ended questions to examine consequences of tinnitus. American Auditory Society (AAS) Virtual Conference, March 2021. – **Poster**

134. **Manchaiah, V.**, Revel, M., Palacios, G., Londero, A., Deshpande, A., Boyd, R., & Ratinaud, P. (2021). What can we learn about tinnitus from social media posts? American Auditory Society (AAS) Virtual Conference, March 2021. – **Poster**

135. **Manchaiah, V.** (2020). Internet-based interventions for individuals with tinnitus. 10th National Audiology and Speech Disorders Conference, Virtual Annual Conference organized by the Turkish Society of Audiology and Speech Pathology Specialists, İzmir (Turkey), December 2020. – **Invited**

136. **Manchaiah, V.** (2020). What's that ringing in your ears? Vertigo and Tinnitus: How can audiologists help, Virtual Seminar organized by the Indian Speech and Hearing Association (ISHA), Mysore (India), December 2020. – **Invited**

137. **Manchaiah, V.** (2020). International Classification of Functioning, Disability, and health: Tinnitus and hyperacusis. International Seminar on Tinnitus and Hyperacusis Assessment and Management, Virtual Seminar organized by the All India Institute of Speech and Hearing (AIISH), Mysore (India), December 2020. – **Invited**

138. *Frumkin, M.R., Kallogjeri, D., Piccirillo, J., Beukes, E.W., **Manchaiah, V.**, Andersson, G. & Rodebaugh, T.L. (2020). Measurement of tinnitus distress: Confirmatory factor analysis of the Tinnitus Handicap Inventory and Tinnitus Functional Index and development of a combined short form. Association for Behavioral and Cognitive Therapies (ABCT) annual convention, Virtual Conference, November 2020.

139. *Knoetze, M., Mahomed-Asmail, F., **Manchaiah, V.**, & Swanepoel, D.W. (2020). Sound-level monitoring earphones with smartphone feedback as an intervention to promote healthy listening behaviors in young adults. South African Association of Audiologists (SAAA) annual conference, Virtual Conference, October 2020.

140. Azios, J., Bellon-Harn, M., **Manchaiah, V.** & Dykes, B. (2020). Conversation Connection: Feasibility and usability of an online program for partners of people with aphasia. Proposal accepted at the Annual Convention of the American Speech-Language-Hearing Association 2020, San Diego, California (USA), November 2020 (Conference Cancelled). – **Poster**

141. *Zraic, R., Azios, M., Handly, M., Bellon-Harn, M., & **Manchaiah, V.** (2020). Quality and readability of internet information about stuttering. Proposal accepted at the Annual Convention of the American Speech-Language-Hearing Association 2020, San Diego, California (USA), November 2020 (Conference Cancelled). – **Poster**

142. Danesh, A.A., Hall, J.W., **Manchaiah, V.**, Scaglione, T., Marghzar, S., Kuzbyt, B., Crosby, N., & Aazh, H. (2020). Tinnitus: Where are we now with its management in 2020? Proposal accepted at the American Academy of Audiology (AAA) 2020 Annual Conference “Audiology Now”, New Orleans, Louisiana (USA), April 2020 (Conference Cancelled).

143. **Manchaiah, V.** & Roeser, R. (2020). Connecting audiologists worldwide to address the raising prevalence of hearing loss. Population Hearing Healthcare Conference (PopHHC), Scottsdale, Arizona (USA), March 2020. – **Invited**

144. **Manchaiah, V.**, Beukes, E.W., Aronson, E.P., Munoz, M.F., Andersson, G., & Fagelson, M. (2020). Internet-based Cognitive Behavioral Therapy (CBT) for tinnitus in the US. American Auditory Society (AAS), Scottsdale, Arizona (USA), March 2020.

145. Beukes, E.W., Baguley, D.M., Andersson, G., **Manchaiah, V.**, & Allen, P.M. (2019). Can Internet-based intervention for tinnitus really work? British Society of Audiology (BSA) eConference 2019, December 2019.

146. **Manchaiah, V.** & Zraick, R.I. (2019). Health literacy and health communication: Principles and tools for research and clinical practice. American Speech-Language and Hearing Association (ASHA) Annual Convention, Orlando (USA), November 2019. – **Invited**

147. Beukes, E.W., **Manchaiah, V.**, Allen, P.M., Baguley, D.M. & Andersson, G. (2019). Internet-based interventions: What progress has been made? British Academy of Audiology (BAA) Conference 2019, Liverpool (UK), November 2019.

148. Dueppen, A., Bellon-Harn, M.L., **Manchaiah, V.** & Radhakrishnan, N. (2019). Development and technical functionality of an online, self-guided

educational program for professional voice users in the US. The Voice Foundation – 48th Annual Symposium Care of the Professional Voice, Philadelphia (USA), October 2019. – *Poster*

149. **Manchaiah, V.** (2019). Direct-to-consumer hearing devices: An overview. Reconceptualizing the challenges of direct-to-consumer health products. The Banbury Center. New York (USA), October 2019. – *Invited*

150. *Beukes, E.W., **Manchaiah, V.**, Fagelson, M.A., Munoz, M.F., Aronson, E.P. & Andersson, G. (2019). Improving accessibility of an internet-intervention for tinnitus. Internet and Audiology Conference 2019, Southampton (UK), June 2019.

151. Beukes, E.W., **Manchaiah, V.**, Allen, P.M., Baguley, D.M. & Andersson, G. (2019). What are the effects of internet-interventions for audio-vestibular disorders? Internet and Audiology Conference 2019, Southampton (UK), June 2019.

152. *Amlani, A.M., **Manchaiah, V.** & Whitfield, C. (2019). Benefits and shortcomings of direct-to-consumer hearing devices: Analysis of secondary data from Amazon. American Academy of Audiology (AAA) 2018 Annual Conference “Audiology Now”, Columbus, Ohio (USA), March 2019.

153. Danesh, A.A., Hall, J.W., **Manchaiah, V.**, Scaglione, T., Marghzar, S., Kuzbyt, B. & Aazh, H. (2019). Tinnitus: Contemporary matters, management strategies, and case studies. American Academy of Audiology (AAA) 2018 Annual Conference “Audiology Now”, Columbus, Ohio (USA), March 2019. – *Invited*

154. **Manchaiah, V.** (2019). Digital technologies and health. International Symposium on Digital Technology – Health & Wellbeing, Manipal Academy of Higher Education, Manipal (India), January 2019. – *Invited*

155. **Manchaiah, V.** (2019). Digital therapeutics. International Symposium on Digital Technology – Health & Wellbeing, Manipal Academy of Higher Education, Manipal (India), January 2019. – *Invited*

156. **Manchaiah, V.** (2019). Cognitive behavioral therapy for the management of tinnitus. Seminar on Interprofessional Approach to the Assessment and Management of Tinnitus, Manipal Academy of Higher Education, Mangalore (India), January 2019. – *Invited*

157. **Manchaiah, V.**, Bellon-Harn, M.L., Azios, M., Li, Y., Zhang, J., Irani, F. & Ratinaud, P. (2018). Text pattern analysis of secondary data from media in speech and hearing sciences. American Speech-Language and Hearing Association (ASHA) Annual Convention, Boston (USA), November 2018.

158. **Manchaiah, V.**, Bellon-Harn, M.L., Dockens, A. & Hartwell-Azios, J. (2018). Communication between audiologist, patients, and their family members during initial audiology consultation sessions. American Speech-Language and Hearing Association (ASHA) Annual Convention, Boston (USA), November 2018.

159. Bellon-Harn, M.L. & **Manchaiah, V.** (2018). College connect: A self-management program for college students with ASD. American Speech-Language and Hearing Association (ASHA) Annual Convention, Boston (USA), November 2018. – *Poster*

160. **Manchaiah, V.**, Beukes, E.W., Baguley, D.M., Allen, P.M. & Andersson, G. (2018). Internet-based interventions for adults with tinnitus. 34th World Congress of Audiology (WCA) Conference, Cape Town (South Africa), October 2018.

161. **Manchaiah, V.** & Ratinaud, P. (2018). Text pattern analysis of big data from United States newspaper media to understand the representations about hearing loss, hearing aid(s), and tinnitus. 34th World Congress of Audiology (WCA) Conference, Cape Town (South Africa), October 2018.

162. *Roeser, R., **Manchaiah, V.**, Rogers, R., Willems, M. & Collingridge, L. (2018). Global Audiology: An effort to develop global resources for audiology information networking (GRAIN). 34th World Congress of Audiology (WCA) Conference, Cape Town (South Africa), October 2018.

163. **Manchaiah, V.** (2018). Internet-based interventions for adults with tinnitus. 19th Texas Academy of Audiology (TAA) Conference, Woodlands, Texas (USA), October 2018. – **Invited**

164. *Tran, N. & **Manchaiah, V.** (2018). Outcomes of Direct-to-Consumer Hearing Devices for people with hearing loss: A review. 19th Texas Academy of Audiology (TAA) Conference, Woodlands, Texas (USA), October 2018. – **Poster**

165. **Manchaiah, V.**, Amlani, A.M., Bricker, C.M. & Ratinaud, P. (2018). Benefits and shortcomings of Direct-to-Consumer Hearing Devices (DCHD): Analysis of large secondary data from Amazon user reviews using mixed method approach. International Hearing Aid Research Conference (IHCON) 2018, Tahoe City, California (USA), August 2018. – **Poster**

166. Collingridge, L., **Manchaiah, V.** & Roeser, R. (2018). Global Audiology: A global resource for audiology information networking (GRAIN). Audiology Australia National Conference 2018, Sydney (Australia), May 2018.

167. *Rogers, R., Roeser, R., & **Manchaiah, V.** (2018). A global resource for audiology information networking (GRAIN). American Academy of Audiology (AAA) 2018 Annual Conference “Audiology Now”, Nashville, Tennessee (USA), April 2018. – **Poster**

168. Hall, D.A., Domingo, S.Z., Hamdache, L.Z., **Manchaiah, V.**, Thammaiah, S., Evans, C. & Wong, L.L.N. (2018). A good practice guide for translating and adapting hearing-related questionnaires for different languages and cultures. 11th Tinnitus Research Initiative (TRI) Meeting and TINNET Conference, Regensburg (Germany), March 2018.

169. Hartwell-Azios, J., Dockens, A.L., Bellon-Harn, M., **Manchaiah, V.** & Saar, K.W. (2018). Meeting critical needs through the development of eHealth programs. Texas Speech-Language-Hearing Association (TSHA) Conference, Houston, Texas (USA), March 2018.

170. Dockens, A.L., Bellon-Harn, M., Hartwell-Azios, J., **Manchaiah, V.** & Dueppen, A. (2018). Analyzing quality and readability of Internet information for your patients. Texas Speech-Language-Hearing Association (TSHA) Conference, Houston, Texas (USA), March 2018.

171. *Beukes, E.W., Andersson, G., Baguley, D.B., **Manchaiah, V.** & Allen, P.M. (2017) Audiology-guided Internet-delivered cognitive behavioural therapy

for adults with tinnitus in the UK. 3rd International Meeting on Internet and Audiology, Lousiville, Kentucky (USA), July, 2017.

172. *Beukes, E.W., Allen, P.M., **Manchaiah, V.**, Baguley, D.B. & Andersson, G. (2017) Audiology-guided Internet-delivered cognitive behavioural therapy for adults with tinnitus in the UK. 1st World Tinnitus Congress, Warsaw (Poland), May 2017.

173. *Rogers, R., Roeser, R. & **Manchaiah, V.** (2017). Update on Global Audiology: A global resource for audiology information networking (GRAIN). 18th Texas Academy of Audiology (TAA) Conference, San Marcos, Texas (USA), October 2017. – Poster

174. **Manchaiah, V.**, Roeser, R. & de Munzo, P.C. (2017). Global Audiology: A global resource for audiology information networking (GRAIN). 8th Annual Coalition for Global Hearing Health Conference, Coral Gables, Florida (USA), October 2017. – Poster

175. *Roeser, R., Willems, M., **Manchaiah, V.** & Rogers, R. (2017). Global Audiology: A global resource for audiology information networking (GRAIN). 13th European Federation of Audiology (EFAS) Conference, Interlaken (Switzerland), June 2017. – Poster

176. DeRuiter, M. & **Manchaiah, V.** (2017). Global resources Committee: CAPCSD's Future. Council of Academic Programs in Communication Sciences and Disorders (CAPCSD) 2017 Annual Conference “Collegiality: Students, Colleagues, and all that Jazz..,” New Orleans (USA), April 2017. – Invited

177. Taylor, B., **Manchaiah, V.**, Reed, N.S. & Zitelli, L. (2017). PCAST and PSAPs: Navigate60ng new challenges and new opportunities - Evidenced-based review of PSAPs and OTCs. American Academy of Audiology (AAA) 2017 Annual Conference “Audiology Now”, Indianapolis (USA), April 2017. – Invited

178. **Manchaiah, V.** (2016). Audiology services for all: Promoting access to hearing health in underserved contexts. American Speech-Language and Hearing Association (ASHA) Annual Convention, Philadelphia (USA), November 2016. – Invited

179. Andrei, S., Bellon-Harn, M., **Manchaiah, V.**, Dockens, A., Hartwell Azios, J., Long, E. & Bronson, D. (2016). The design of a Center of excellence for Applications of Digital Technologies (CADT) in the care and management of health and disability. Association of Computer Education in Texas (ACET) Conference, Beaumont (USA), October 2016.

180. **Manchaiah, V.** & Roeser, R.J. (2016). Global Audiology: Global Resource for Information Exchange and Networking (GRAIN). Texas Academy of Audiology (TAA) Annual Conference, Frisco, Texas (USA), October 2016. – Invited

181. **Manchaiah, V.** & Pyykkö, I. (2016). Internet-based peer support program for Ménière's disorder. World Congress Audiology, Vancouver (Canada), September 2016. – Poster

182. **Manchaiah, V.** (2016). Outcome measures in hearing aids. National Seminar on Optimization of Hearing Aids, All India Institute of Speech and Hearing Sciences, Mysore (India), August 2016. – Invited

183. **Manchaiah, V.** & Louw, B. (2016). Problem solving and information exchange: Global engagement. Council of Academic Programs in Communication Sciences and Disorders (CAPCSD) 2016 Annual Conference “Collaborations: Creating Connections”, San Antonio (USA), March-April 2016. – **Invited**

184. Bellon-Harn, M., Dockens, A. & **Manchaiah, V.** (2016). Quality care: increasing Underrepresented Minorities in Speech and Hearing Professions. Council of Academic Programs in Communication Sciences and Disorders (CAPCSD) 2016 Annual Conference “Collaborations: Creating Connections”, San Antonio (USA), March-April 2016.

185. **Manchaiah, V.** (2015). Internet-based peer support program for Ménière’s disorder. International Conference on Research in Hearing Sciences, All India Institute of Speech and Hearing, Mysore (India), December 2015. – **Invited**

186. **Manchaiah, V.** (2015). Internet-based peer support program for Ménière’s disorder. American Speech-Language and Hearing Association (ASHA) Annual Convention, Denver (USA), November 2015.

187. **Manchaiah, V.** (2015). Social representation of ‘hearing loss’ and ‘hearing aids’: A cross-cultural study. American Speech-Language and Hearing Association (ASHA) Annual Convention, Denver (USA), November 2015. – **Poster**

188. *Auzenne, J. & **Manchaiah, V.** (2015). Social representation of ‘music exposure’ and ‘loud music exposure’ in young adults. Texas Academy of Audiology (TAA) Annual Conference, Houston (USA), October 2015. – **Poster**

189. **Manchaiah V.** (2014). Positive experiences associated with acquired hearing loss. Annual Convention of Association of Independent Hearing Healthcare Professionals (AIHHP), Chester (UK), June 2014. – **Invited**.

190. Pyykkö, I., Levo, H., Rasku, J., **Manchaiah, V.** & Kentala, E. (2014). eHealth in Ménière’s disorder improves quality of life when medical therapy is not enough. 28th Barany Society Meeting, Buenos Aires (Argentina), May 2014.

191. **Manchaiah, V.** & Gomersall, P. (2014). Audiologists’ preferences for patient-centredness: Differences and similarities among professionals in Portugal, India and Iran. Faculty of Science and Technology Annual Research Conference (FST – 2014), Cambridge (UK), May 2014.

192. **Manchaiah, V.** (2014). Paediatric audiology services in the UK. III Jornadas Audiología, at Escola Superior de Tecnologia da Saúde do Porto (ESTSP - IPP), Porto (Portugal), March 2014. – **Invited**

193. **Manchaiah, V.** (2014). Evaluating the process of change: Studies on patient journey, hearing disability acceptance and stages-of-change. Annual Convention of Indian Speech Language and Hearing Association (ISHA Con 2014), Kochi (India), February 2014. – **Invited**

194. **Manchaiah, V.K.C.** (2013). Defining hearing loss and its consequences. British Society of Hearing Aid Audiology (BSHAA) Congress 2013, Nottingham (UK), May 2013. – **Invited**

195. **Manchaiah, V.K.C.** (2013). Exploring cross-cultural differences and similarities in attitudes towards hearing help seeking and uptake of hearing aids.

Cross-cultural Communication, Bristol (United Kingdom), February 2013. – **Invited**

196. Boothalingam, S., Easwar, V., Boothalingam, S., Chundu, S., **Manchaiah, V.K.C.** & Ismail, S.M. (2013). Audiological practices in India: An internet-based survey of audiologists. Annual Convention of Indian Speech Language and Hearing Association (ISHA Con - 2013), Chennai (India), February 2013. – **Invited**

197. **Manchaiah, V.K.C.** (2012). Use of patient journey model in the internet-based pre-fitting counseling program. Internet and Audiology (FAS-IT) Conference 2012, Linköping (Sweden), October 2012. – **Invited**

198. **Manchaiah, V.K.C.** (2012). Positive experiences associated with hearing and balance disorders. Audiology Cymru 2012, Cardiff (UK), June 2012. – **Invited**

199. **Manchaiah, V.K.C.** (2011). Health behaviour change in hearing healthcare. British Academy of Audiology Conference 2011, Llandudno (UK), November 2011. – **Invited**

200. **Manchaiah, V.K.C.** (2010). Regular formative assessments through BlackBoard. Audiology Cymru 2010, Swansea (UK), June 2010. – **Poster**

201. Anjali, G., **Manchaiah, V.K.C.** & Vinay, S.N. (2004). Tuning curve audiograms. Annual convention of Indian Speech Language and Hearing Association (ISHA Con 2004), Mysore (India), January 2004. – **Poster**

202. **Manchaiah, V.K.C.**, Chundu S, Kunhiraman S. & Yeshoda, K. (2004). Speech characteristics of auditory neuropathy. National symposium on Acoustics (NSA – 2004), Mysore (India), November 2004.

203. Chundu, S., **Manchaiah, V.K.C.** & Yeshoda, K. (2004). Word fluency measures in Kannada. Frontiers of Researchers in Speech and Music (FRSM – 2004), Chidambaram (India), January 2004.

204. Nara N, **Manchaiah, V.K.C.** & Vanaja, C.S. (2004). Hypersensitivity to sounds: a questionnaire. Annual convention of Indian Speech Language and Hearing Association (ISHA Con – 2004), Mysore (India), January 2004. – **Poster**

205. Kunhiraman, S., **Manchaiah, V.K.C.**, Chundu S, & Burman, A. (2004). Occlusion effect in bone conduction hearing. Annual convention of Indian Speech Language and Hearing Association (ISHA Con – 2004), Mysore (India), January 2004.

206. Chundu, S., Kunhiraman, S., **Manchaiah, V.K.C.** & Burman, A. (2003). Evaluating factors affecting SAL measurements. National Symposium on Acoustics (NSA-2003), Pune (India), October 2003. - **Poster**

Academic Presentations in Other Universities and Public Speaking

Presented talk on various academic and professional aspects in many countries including India (2014-22); New Zealand (2019); Portugal (2011, 2014); South Africa (2022); South Korea (2015); Sweden (2011-13, 2017); United Kingdom (2007-14, 2021); and United States (2015-25).

- ‘Why hearing aid technology differences don’t always translate to outcome differences’ at International Society of Audiology Webinar, October 2025.

- ‘Teleaudiology: Assessment and management of hearing and balance disorders’ at University of Memphis, July 2025.
- ‘Artificial Intelligence and Audiology: Research Update and Clinical Implications’ at Salus Drexel University, May 2025.
- ‘How artificial intelligence is transforming hearing care?’ at the *Denver Hearing Loss Association of America*, Koelbel Library, Denver, February 2025.
- ‘Introduction to tele-audiology today: Definitions, principles and service delivery models’ *University of Colorado Boulder Doctor of Audiology Students*, April 2024.
- ‘Introduction to Over-the-Counter (OTC) hearing aids’ *Women’s Integrated Services in Health (WISH) Grand Rounds*, April 2024.
- ‘Applications of over-the-counter (OTC) hearing aids in managing mild-to-moderate age-related hearing loss’ *General Internal Medicine Grand Rounds at the University of Colorado Anschutz Medical Campus*, February 2024.
- ‘OTC hearing aids: Things you should know’ *Aspen Club at UCHealth*, January 2024.
- ‘Internet interventions for tinnitus’ *University of Pittsburgh PhD Program*, January 2024.
- ‘Global Audiology initiative: Update and opportunities to contribute’ *International Society of Audiology (ISA) Webinar (Virtual)*, May 2023.
- ‘Introduction to Over-the-Counter (OTC) hearing aids’ at the *Denver Hearing Loss Association of America*, Koelbel Library, Denver, May 2023.
- ‘Use of Natural Language Processing (NLP) to examine textual data in hearing healthcare’ at the *ManCAD Journal Club (virtual)*, May 2023.
- ‘Introduction to OTC hearing aids for PCPs’ at the *University of Colorado Anschutz Medical Campus*, March 2023.
- ‘Internet interventions to hearing and balance disorders’ at the *University of Colorado Anschutz Medical Campus*, March 2023.
- ‘Psychological management of tinnitus’ at the *University of Pretoria*, October 2022.
- ‘Research methods’ at the *University of Pretoria*, October 2022.
- ‘Internet interventions for tinnitus, hearing loss, and balance disorders’ for *Colorado Speech-Language-Hearing Association*, June 2022.
- ‘Management options for hearing loss and tinnitus’ for Advanced in Medicine series at Hilltop, Parker, Colorado, May 2022.
- ‘NYLC Medicine and healthcare programs’ at *Envision conference* in Houston, Texas, June 2021.
- ‘Internet interventions for tinnitus, hearing loss, and balance disorders’ for audiologists at *Oxford University Hospital NHS Foundation Trust*, September 2021.
- ‘Pathways to Care: How innovations are decoupling professional services from the sale of hearing devices?’ for staff and students at *University of Canterbury*, May 2019.
- ‘Positive experience associated with acquired hearing loss’ for staff and students at *Manipal University*, November 2017.

- ‘Internet-based interventions for hearing loss, Ménière’s disease and tinnitus’ for staff and students at *Manipal University*, November 2017.
- ‘Internet-based interventions for hearing loss, Ménière’s disease and tinnitus’ at *National center for Rehabilitative Audiology Research (NCRAR)*, July 2017.
- ‘Applications of direct to consumer hearing devices for adults with hearing loss’ for Hearing Science students at *Örebro University*, May 2017.
- ‘Defining hearing loss and its consequences’ for staff and students at *Manipal University*, May 2017.
- ‘Applications of direct to consumer hearing devices for adults with hearing loss’ for staff and students at *Manipal University*, May 2017.
- ‘Hearing loss – The neglected invisible disability’ at *NRI Institute, New Delhi, India*, April 2017.
- ‘It’s a great time to be an audiologist’ for staff and students at *Manipal University*, December 2016.
- ‘Introduction to International Classification of Functioning, Disability and Health’ for staff and students at *Manipal University*, December 2016.
- ‘Lamar University and innovative technology competition’ for staff and students at *Vidya Vikas Institute of Engineering & Technology (VVIET), Mysore (India)*, August 2015.
- ‘Community-based hearing rehabilitation’ for staff and students at *Audiology India, Mysore (India)*, August 2015.
- ‘Internet-based health interventions: Examples from hearing healthcare’ for staff and students at *Division of Speech Pathology and Audiology, College of Natural Sciences, Hallym University, Chuncheon (South Korea)*, June 2015.
- ‘Defining hearing loss and its consequences using the International Classification of Functioning, Disability and Health’ for staff and students at *Escola Superior de Tecnologia da Saúde do Porto (ESTSP - IPP)*, Porto (Portugal), March 2014.
- ‘Introduction to International Classification of Functioning, Disability and Health’ (talk presented online via Adobe connect) for staff and students at *Manipal University*, March 2014.
- ‘Amplification Challenges – What can we learn from the developing world? An Asian perspective’ for M.Sc Advanced Audiology students at *University College London*, London (UK), March 2014.
- ‘Evaluating the process of change: Studies on patient journey, hearing disability acceptance and stages-of-change’ at *Samwaad Institute*, Bangalore (India), January 2014.
- ‘Evaluating the process of change: Studies on patient journey, hearing disability acceptance and stages-of-change’ at *All India Institute of Speech and Hearing (AIISH)*, Mysore (India), January 2014.
- ‘Studies on patient journey, stages-of-change and hearing disability acceptance in people with hearing disability’, *Nottingham Hearing Biomedical Research Unit (NHB RU) Lunch-time Seminar*, Nottingham (UK), June 2013.
- ‘Cortical auditory evoked potentials’ for B.Sc Audiology students at *University of Bristol* during 2012.
- ‘Audiological enablement/rehabilitation’ for B.Sc Audiology students at *University of Bristol* during 2011, 2012, 2013 & 2014.

- ‘Noise Induces Hearing Loss and Occupational Conservation’ at *Audiology Department, Escola Superior de Tecnologia da Saúde do Porto (ESTSP-IPP)*, Portugal.
- ‘ASSR, mid-latencies and late evoked potentials’ for M.Sc Audiology students at *University of Bristol* during 2010, 2011, 2012.
- ‘Tinnitus and its Management’ at Neath Tinnitus Club 2010

Research Interests

My research focuses on the development, evaluation, and implementation of hearing healthcare service delivery models that improve access, affordability, and outcomes—particularly for older adults with hearing loss. A central goal of my work is to advance self-management approaches and leverage digital technologies to deliver scalable, patient-centered hearing care.

My research program is organized around the following thematic areas:

1. **eHealth and Telehealth:** Development and evaluation of internet-based and digital interventions for hearing-related disorders, including guided behavioral rehabilitation delivered via tele-rehabilitation and digital therapeutics.
2. **Consumer Health Informatics:** Examination of patient-generated health data and online health communities, with emphasis on how individuals use digital platforms (e.g., internet resources, social media) for self-assessment, self-management, and decision-making related to communication disorders.
3. **Hearing Healthcare Service Delivery Models:** Development of evidence-based service delivery models—including direct-to-consumer and community-based rehabilitation approaches—to improve accessibility, affordability, quality, and outcomes of hearing healthcare.
4. **Psychosocial Aspects of Hearing Loss:** Investigation of psychosocial determinants of hearing health, including (a) knowledge, attitudes, and behaviors related to music-induced hearing loss among adolescents and young adults, with a focus on prevention, and (b) factors influencing help-seeking, uptake, and sustained use of hearing rehabilitation, to inform patient-centered intervention strategies.

I co-lead the Virtual Hearing Lab (www.virtualhearinglab.org) with Prof. De Wet Swanepoel. The Virtual Hearing Lab is an interdisciplinary collaborative research initiative with the aim to improve hearing health access, affordability, and outcomes by capitalizing on the internet, virtual spaces, and digital health.

Scientific and Professional Collaborations

Following are the past and present scientific and professional collaborations with researchers from various professions and scientific backgrounds.

Australia

- Giriraj Shekhawath, Professor, Flinders University: 2021–2025.
- Rebecca Bennett, Researcher, Ear Science Institute of Australia: 2020–22.

- Robert Eikleboom, Professor of Audiology, Ear Science Institute of Australia: 2020–22.

China

- Qiang Li, Professor of Deaf Psychology, Tianjin University of Technology: 2014–15.

Denmark

- Thomas Lunner, Engineer, Linköping University/ Eriksholm Research Center: 2012–14.

Finland

- Erna Kentala, Otolaryngologist, Helsinki University Central Hospital: 2013–2019.
- Hilla Levo, Otolaryngologist, Helsinki University Central Hospital: 2013–2019.
- Ilmari Pyykkö, Emirates Professor of Otolaryngology, University of Tampere: 2013–2025.
- Jing Zou, Professor of Otolaryngology, University of Tampere: 2017–2024.
- Riina Niemensivu, Otolaryngologist, Helsinki University Central Hospital: 2014–15.

France

- Pierre Ratinaud, Lecturer in Education Sciences, University of Toulouse: 2016–Present.

Greece

- Aristotle Tympas: Associate Professor – Science Technology and Society, National and Kapodistrian University of Athens: 2016–18.

Hong Kong

- Bradley McPhearson, Professor of Audiology, The University of Hong Kong: 2016–18.

India

- Hari Prakash P., Associate Professor, Manipal Academy of Higher Education: 2020–Present.
- Janani Jeyaraman, Audiologist, MED-EL India Private Ltd: 2013–14.
- Rajalakshmi Krishna, Professor of Audiology, All India Institute of Speech and Hearing, University of Mysore: 2013–20.
- Spoorthi Thammaiah, Consultant Audiologist, Lamar University: 2015–18.

Iran

- Tayebeh Ahmadi, Audiologist, University of Social Welfare and Rehabilitation Sciences: 2013–18.

Netherlands

- Sophia E. Kramer, Psychologist, Professor of Auditory Functioning and Participation, UV University Medical Centre Amsterdam: 2012, 2018.

New Zealand

- Rebecca Kelly-Campbell, Senior Lecturer in Audiology, University of Canterbury: 2015 –2022.

Norway

- Vinay S. Nagaraj, Professor of Audiology, University of Tromsø: 2015–Present.

Portugal

- David Tòme, Adjunct Professor of Audiology, Polytechnic Institute of Porto: 2010–17.

Republic of Kores (South Korea)

- Wooje Han, Associate of Audiology, Division of Speech Pathology and Audiology, College of Natural Sciences, Hallym University: 2018–21.

Russia

- Mansur A. Kutlubaev, Associate of Audiology, Department of Neurology, Bashkir State Medical University, Ufa: 2019–20.

Singapore

- Naresh Durisala, Audiologist, GN ReSound Singapore Tte Ltd: 2015–17.

South Africa

- De Wet Swanepoel, Professor of Audiology, University of Pretoria: 2019–Present.
- Marian Graham, Professor, Biostatistician, University of South Africa; 2021–Present.
- Faheema Mahomed-Asmail, Senior Lecturer, University of Pretoria, South Africa: 2019–Present.

Sweden

- Berth Danermark, Professor of Sociology, Örebro University: 2012–2019.
- Gerhard Andersson, Professor of Clinical Psychology, Linköping University: 2011–Present.
- Jerker Rönnberg, Professor of Psychology, Linköping University: 2012–14.
- Kerstin Möller, Rehabilitation Specialist, Örebro University: 2014–18.
- Per Germundson, Senior Lecturer, Malmö University: 2014–19.
- Sarah Granberg, Associate Professor, Örebro University: 2016–Present.
- Stephen Widen, Senior Lecturer, Örebro University: 2016–18.

Switzerland

- Charlotte Vercammen, Audiological Researcher, Sonova Group: 2021–Present.
- Martin Riedi, Market and Business Insight Lead, Hearing Tracker, 2021–22.

United Kingdom

- Dafydd Stephens, Audiological Physician, Cardiff University School of Medicine: 2009–2012.
- David Baguley, Professor of Audiology, NIHR National Biomedical Research Center, The University of Nottingham: 2013–19.
- Deborah Hall, Professor, University of Nottingham: 2017–19.
- Eldre beukes, Audiologist, Senior Lecturer in Audiology, Anglia Ruskin University, Cambridge: 2017–Present.
- Fei Zhao, Otolaryngologist, Professor in Audiology, Cardiff Metropolitan University: 2008–19.
- Gabrielle Saunders, University of Manchester: 2017–18.
- Jonathan Arthur, Audiologist, Cwm Taf University Health Board: 2015–17.
- Peter Allen, Professor, Anglia Ruskin University: 2013–19.
- Phil Gomersall, Senior Lecturer in Audiology, Anglia Ruskin University: 2013–14.
- Srikanth Chundu, Senior Lecturer in Audiology, Anglia Ruskin University: 2010–2022.

United States

- Abram Bailey, CEO, Hearing Tracker: 2016–Present.
- Amyn Amlani, Professor of Audiology, University of Arkansas at Little Rock: 2015–2019.
- Aniruddha Deshpande, Assistant Professor of Audiology, Hofstra University: 2020–23.
- Anu Sharma, Professor, University of Colorado Boulder: 2022–Present.
- Ashley Dockens, Assistant Professor of Audiology, Lamar University: 2015–19.
- Ashley Nassiri, Assistant Professor, Otoneurologists, University of Colorado: 2025–Present.
- Barry Freeman, Audiologist, Vice President of Business Development, ZPower: 2010–13.
- Brian Taylor, Audiologist, Senior Director of Clinical Affairs, Turtle Beach Corporation: 2015–18.
- Christina (Tina) Studts, Associate Professor, Implementation Science, University of Colorado: 2024–Present.
- Douglas L. Beck, Audiologist, Director of Professional Relations, Oticon USA Inc: 2016–17.
- Erin M. Picou, Associate Professor, University of Vanderbilt: 2020–2022.
- Hansapani Rodrigo, Associate Professor, Biostatistician, University of Texas Rio Grande Valley: 2020–Present.
- Jamie Pennebaker, Professor of Psychology, University of Texas at Austin: 2020–Present.
- Larry Humes, Professor of Audiology, University of Indiana - Bloomington: 2023 – Present.
- Liza Creel, Associate Professor, Health Economist, University of Colorado: 2024–Present.

- Marc Fagelson, Professor of Audiology, East Tennessee State University: 2018–22.
- Monica Bellon-Harn, Professor of Speech and Hearing Sciences, Piedmont University: 2015–22.
- Rachael Baiduc, Associate Professor, University of Colorado Boulder: 2022–Present.
- Ross Roeser, Lois and Howard Wolf Professor in Pediatric Hearing, The University of Texas at Dallas: 2015–23.
- Ryan Boyd, Associate Professor, The University of Texas at Dallas: 2020–Present.
- Saad Bhamla, Assistant Professor, Georgia Tech University 2018–2022.
- Sumit Dhar, Professor of Audiology, Northwestern University: 2023–Present.
- Sung-Joon Min, Profesor, Biostatistician, University of Colorado: 2024–Present.

Evaluation of Others Work

Grant Review

- American Speech-Language and Hearing (ASHA) Foundation 2020.
- Austrian Science Fund (FWF) 2023.
- Department of Defense (DoD) – Congressionally Directed Medical Research Program (CDMRP) 2018.
- Department of Defense (DoD) – Peer Reviewed Medical Research Program (PRMRP) 2019.
- Graduate Women in Science (GWIS) 2014.
- Hearing Health Foundation (HHF) 2023, 2024.
- National Research Foundation (NRF) 2021.
- The Colt Foundation 2015.

Editorial Board Member (12)

- Audiology Research (Editorial Board Member): June 2014 – till date.
- Auditory and Vestibular Research (Editorial Board Member): April 2018 – till date.
- Auris Nasus Larynx (International Editorial Board Member): August 2018 – till date.
- BMC Ear, Nose and Throat Disorders (Associate Editor): Dec 2017 – Feb 2019.
- Clinics and Practice (Editorial Board Member): May 2021 – December 2025.
- Frontiers in Audiology and Otology (Guest Editor for special issue on Tinnitus Tools and Protocols for Effective Clinical Practice): 2022-24.
- Frontiers in Medicine (Guest Editor for special issue on The Process Evaluation of Clinical Trials): 2020-22.
- Frontiers in Rehabilitation Sciences – Interventions for Rehabilitation (Associate Editor): Nov 2020 – till date.
- Hospitals (Editorial Board Member): October 2024 – December 2025.
- International Journal of Audiology (Associate Editor): May 2018 – till date.
- Journal of Audiology and Otology (Editorial Board Member): September 2017 – till date.
- PLOS One (Academic Editor): April 2019 – January 2025.

- Speech, Language and Hearing (Editorial Board Member): August 2017 – till date.

Journal Reviewer on Ad-hoc Basis (105)

- American Journal of Audiology (2018-20)
- American Journal of Public Health (2020)
- American Journal of Speech-Language Pathology (2021)
- Annals of Nasopharynx Cancer (2020)
- Annals of Otology, Rhinology & Laryngology (2019, 2024)
- Applied Sciences (2021)
- ASHA Perspectives - Aural Rehabilitation and Its Instrumentation (2017)
- Audiology Research (2012, 2014)
- Audiology & Neurotology (2019)
- Auditory and Vestibular Research (2018, 2021)
- Augmentative and Alternative Communication (2021)
- BioMed Research International (2015)
- Biomedicine Hub (2018)
- BMC Ear, Nose, and Throat Disorders (2016-17)
- BMC Geriatrics (2015, 2025)
- BMC Health Service Research (2015-17)
- BMC Medical Informatics and Decision Making (2020)
- BMC Neurology (2015)
- BMC Pediatrics (2020)
- BMC Psychiatry (2018)
- BMC Public Health (2020)
- BMJ (2018)
- BMJ Open (2016-18, 2020)
- Brain Sciences (2020)
- Canadian Journal of Speech-Language Pathology and Audiology (2011, 2015)
- Cellular and Molecular Biology (2017)
- Cities & Health (2018)
- Clinical Epidemiology and Global Health (2019)
- Clinical Interventions in Aging (2015-18)
- Clinical Otolaryngology (2012, 2014)
- Clinical Ophthalmology (2011)
- Clinical Psychology Review (2020)
- CoDAS (2021)
- Disability and Rehabilitation (2016, 2018)
- Ear and Hearing (2012, 2014, 2017-19, 2024)
- EClinicalMedicine (2022)
- ENT & Audiology News (2011-16)
- Expert Opinion on Pharmacotherapy (2020)
- Expert Review of Precision Medicine and Drug Development (2019)
- F1000 Research (2020)
- Frontiers Digital Health (2021)
- Frontiers of Information Technology & Electronic Engineering (2016)

- Frontiers in Neurology (2019, 2021)
- Frontiers Psychiatry (2019-20)
- Frontiers Public Health (2020)
- Global Advances in Health and Medicine (2017)
- Global Qualitative Nursing Research (2020)
- Health Expectations (2020)
- Hearing, Balance and Communication (2015-16)
- Hearing Research (2017)
- HSOA Journal of Otolaryngology, Head & Neck Surgery (2016)
- Indian Journal of Medical Research (2020)
- International Journal of Audiology (2011-19)
- International Journal of Child-Computer Interaction (2016)
- International Journal of Circumpolar Health (2019)
- International Journal of Clinical Psychiatry and Mental Health (2014)
- International Journal of Developmental Disabilities (2020)
- International Journal of Occupational Medicine and Environmental Health (2020)
- International Journal of Medical Informatics (2019)
- International Journal of Molecular Sciences (2021)
- International Journal of Pediatric Otorhinolaryngology (2012-14)
- Int. Journal of Speech Language & Pathology and Audiology (2013-15)
- Int. Journal of Tropical Disease & Health (2018)
- Int. Journal of Qualitative Studies on Health and Well-being (2018)
- Journal of All India Institute of Speech and Hearing (2020)
- JAMA Otolaryngology – Head & Neck Surgery (2019)
- JMIR (2018)
- JMIR Formative Research (2020)
- JMIR mHealth and uHealth (2017, 2023)
- JMIR Research Protocol (2017-18)
- JMIR Serious Games (2020)
- Journal of Affective Disorders (2018)
- Journal of All India Institute of Speech and Hearing (2020)
- Journal of the American Academy of Audiology (2015-17, 2022)
- Journal of the American Geriatrics Society (2020)
- Journal of Applied Oral Science (2017)
- Journal of Audiology and Otology (2016)
- Journal of Behavioral Health (2011)
- Journal of Clinical and Diagnostic Research (2017)
- Journal of Communication Disorders (2017)
- Journal of Clinical Medicine (2020)
- Journal of Healthcare Leadership (2012)
- Journal of Human Development, Disability, and Social Change (2016)
- Journal of Indian Speech Language and Hearing Association (2014)
- Journal of Otolaryngology-ENT Research (2016)
- Journal of Otology (2020)
- Journal of Otology & Rhinology (2014, 2016)
- Journal of Psychosomatic Research (2019)

- Journal of Speech, Language, and Hearing Research (2024)
- Local and Regional Anesthesia (2018)
- Nature Reviews Disease Primers (2026)
- Otology & Neurotology (2020)
- Otolaryngology, Head & Neck Surgery (2016-17)
- Patient Intelligence (2015)
- Patient Preference and Adherence (2015-16)
- Peer J (2021)
- Pediatric Health, Medicine and Therapeutics (2013)
- PLOS One (2011-13, 2017-18)
- Pharmacy (2024)
- Speech, Language and Hearing (2017-19)
- Sultan Qaboos University Medical Sciences Journal (2011)
- The Applications of Clinical Genetics (2012)
- The Journal of Headache and Pain (2020)
- The Scientific World Journal (2021)
- Trends in Hearing (formerly Trends in Amplification) (2012, 2024)

Book Chapters Review

- Thieme Publishers (2016)

Doctoral (PhD) Thesis Examination

- Huili Zheng (2024). Barriers and facilitators for older adults in mainland China to purchase hearing aids. Doctor of Philosophy – Dissertation at the University of Hong Kong, Hong Kong.
- Marayam Shabbir (2024). Development of an evidence-based measure of concentration for use in clinical trials of sound-based interventions for tinnitus in adults. Doctor of Philosophy – Dissertation at University of Nottingham, United Kingdom.
- Jessika Paken (2021). *Cisplatin-associated ototoxicity amongst patients receiving cancer chemotherapy and the feasibility of an audiological monitoring program at Grey's Hospital*. Doctor of Philosophy – Dissertation at University of Kwazulu-Natal, South Africa.
- Jenni-Marí Engelbrecht (2017). *Development and validation of a South African English smartphone-based speech-in-noise test*. Doctor of Philosophy – Dissertation at University of Pretoria, South Africa.

Postgraduate (MSc & MPhil) Thesis Examination

- Huimin Ni (2024). Health conditions and presenteeism motives in full-time and part-time audiologists. Masters of Science – Dissertation at University of Canterbury, New Zealand.
- Su-Ting Yeh (2021). Readability and suitability assessment of online hearing-related information in traditional Chinese Taiwan. Masters of Science – Dissertation at University of Canterbury, New Zealand.

- Chantelle Da Vin Kim (2021). How easy it is to read tinnitus-related webpages in Japanese. Masters of Science – Dissertation at University of Canterbury, New Zealand.
- Celine Bergonia (2021). New Zealand rest home nurses' knowledge of hearing impairment, hearing aids and communication strategies. Masters of Science – Dissertation at University of Canterbury, New Zealand.
- Julia Lee (2020). *Readability, quality and content of online information for otitis media in English*. Masters of Science – Dissertation at University of Canterbury, New Zealand.
- Matthew Goddard (2020). *Readability and suitability of implantable hearing device information published online in English*. Masters of Science – Dissertation at University of Canterbury, New Zealand.
- Katie Murphy (2020). *Assessment of online information on Auditory Neuropathy Spectrum Disorder*. Masters of Science – Dissertation at University of Canterbury, New Zealand.
- Lubna Elmudani (2019). *Readability and suitability of online noise-induced hearing loss information in English*. Masters of Science – Dissertation at University of Canterbury, New Zealand.
- Marius Serban (2018). *A readability analysis of French language online information on hearing related websites*. Masters of Science – Dissertation at University of Canterbury, New Zealand.
- Seema Diwan (2017). *Readability ease of online Internet hearing related information in Hindi*. Masters of Science – Dissertation at University of Canterbury, New Zealand.
- Phillip Luey (2017). *Potential help-seeking barriers for working men from low decile areas*. Masters of Science – Dissertation at University of Canterbury, New Zealand.
- Caitlin Kengmana (2015). *Hearing aid satisfaction among adults with hearing impairment in New Zealand*. Masters of Science – Dissertation at University of Canterbury, New Zealand.
- Amy Ruth Godfrey (2012). *Post Graduate Certificate in teaching in higher education (PGC tHE)*. PGC tHE Dissertation at Swansea University, UK.
- Sandeep Barry (2010). *Identification of dead regions with the Cochlea using threshold Equalizing noise test (TEN) in patients who had chemotherapy with platinum based drug*. Master of Philosophy (MPhil) – Dissertation at Swansea University, UK.

Conference Committees/Scientific Session Moderation/Abstract Review

- American Auditory Society (AAS) Conference 2020.
- American Speech-Language and Hearing Association (ASHA) Annual Convention 2025 – Innovations in Technology topic co-chair.
- Audiology Dispensing and Business Management committee member for ASHA Convention 2019.
- Coalition of Global Hearing Health Conference 2016.
- British Academy of Audiology Conference 2012.
- British Academy of Audiology Conference 2011.

- Indian Speech and Hearing Association Conference (ISHACON 42) 2010.

External Evaluator for Tenure and Promotion

- Cardiff Metropolitan University (2022)
- Jordan University of Science and Technology (2022)
- The University of Mississippi Medical Center (2020)

SECTION 8: TEACHING AND STUDENT SUPPORT

Programs Developed, Lead and Taught

- Certificate Course in Hearing Care Assistant, *Anglia Ruskin University*, UK
- Foundation Degree in Hearing Aid Audiology, *Anglia Ruskin University*, UK
- B.Sc (Hons) Audiology, *Swansea University*, UK
- B.Sc (Hons) Healthcare Science (Audiology), *Swansea University*, UK
- B.Sc (Hons) Hearing Sciences - Top-up course, *Anglia Ruskin University*, UK
- Doctor of Audiology, *Lamar University, USA*

Courses Taught/Developed[^]/Module Leader^{*}

Swansea University, UK [Foundation Degree in Hearing Aid Audiology; B.Sc. Audiology; B.Sc. Healthcare Science]

- SHC100 Industrial Audiometry Certificate Course[^]
- SHC130 Audiological Assessment and Aural Rehabilitation 1
- SHC131 Acoustics and Psychoacoustics*
- SHC218 Audiological Assessment and Aural Rehabilitation 2*
- SHC234 Audiological Science 1[^]
- SHC233 Healthcare Science Work Based Placement 1[^]
- SHC313 Dissertation (Clinical Physiology/Clinical Technology/Audiology)
- SHC318 Audiological Assessment and Aural Rehabilitation 3*
- SHC319 Rehabilitation and Therapeutics*
- SHC320 Industrial and Environmental Audiology*
- SHC333 Audiological Science 2[^]
- SHC334 Sensory Aids 2[^]
- SHC335 Introduction to Tinnitus[^]
- SHG368 Mentorship Preparation for Healthcare Professionals

Anglia Ruskin University, UK [Certificate Course in Hearing Care Assistant; Foundation Degree in Hearing Aid Audiology; B.Sc. (Hons) Hearing Sciences]

- MOD002469 Practical Procedures for Hearing Care Assistant
- MOD002457 Learning and Skills Development for HE and Work (Audiology)
- MOD002455 Understanding the Work Sector (Audiology)*
- MOD002456 Work-based Learning 1 (Audiology)
- MOD002445 Pathology for Audiology
- MOD002466 Basic Sciences for Audiology*
- MOD002446 Introduction to Hearing Aid Technology
- MOD002447 Introduction to Audiometry*

- MOD003517 Work-based Learning 2 (Communication Skills)
- MOD002478 Rehabilitation
- MOD002487 Hearing Aid Technology
- MOD00277 Audiometry 2*
- MOD003118 Specialized Professional Practice
- MOD004169 Tinnitus Assessment and Management^
- MOD004198 Managing People with Specialist Needs^
- MOD004199 Implantable Hearing Devices^
- MOD004200 Hearing in Children^
- MOD004201 Advances in Adult Audiology^

Lamar University, USA

Doctor of Audiology

- SPHS 6382 Analysis of Professional Literature
- SPHS 6326 Research Methods
- SPHS 6372 Candidacy Proposal
- SPHA 6383 Candidacy Paper Presentation

Other Courses

- SPHS 1371 Introduction to Speech, Language and Hearing Disorders
- SPHS 4340 Audiology II
- SPHS 4342 Audiologic Rehabilitation
- SPHS 4350 Problems and Projects (Independent Research)
- SPHS 4350 Research in Health and Disability: Interdisciplinary perspective
- SPHS 4350 Community-based rehabilitation in speech and hearing sciences
- SPHS 4350 Promoting self-management for people with speech and hearing disorders and their families
- SPHS 6310 Advanced Topics in Speech and Hearing Sciences – A Critical Analysis of Contemporary Research and Clinical Practice

Other

- Advances in Tinnitus Assessment and Management^
- BSA Certified Industrial Audiometry Course (Insight Health Screening Ltd) ^*
- Evidence-Based Practice in Hearing Healthcare (All Ears Cambodia) ^**

Student Supervision

Post-doctoral Researchers

University of Colorado Anschutz Medical Camus

- Preeti Pandey – Effectiveness of self-fitting OTC hearing aids. September 2024 – Till date.
- Kayla Cormier – Neural correlated of the effectiveness of internet-based cognitive behavioral therapy (ICBT) for tinnitus. August 2022 to Till date. Primary mentor: Prof. Anu Sharma.

University of Pretoria, South Africa

- Megan Clarissa Knoetze – Usability and efficacy of OTC hearing aids. October 2024 – Till date. Primary mentors: Prof. De Wet Swanepoel.
- Ilze Oosthuizen – The emotions behind writing: Using natural language to understand hearing aid benefit and satisfaction. May 2021 to Till date. Primary mentors: Prof. De Wet Swanepoel.

Lamar University, US

- Eldre W. Beukes – Cognitive Behavior Therapy based self-help delivered via the Internet for tinnitus sufferers: Efficacy trial in the U.S. population. September 2018 to June 2021. Other mentors: Professors Gerhard Andersson, David Baguley, and Peter Allen.

PhD Students

University of Pretoria, South Africa

- Megan Clarissa Knoetze – Hearing help-seeking, hearing aid uptake and outcomes in adults: Barriers, enablers and over-the-counter hearing aids. January 2022 to October 2024. – 2nd Supervisor. Primary supervisor: Prof. De Wet Swanepoel.
- Bopane Godwin Mothemela – Service delivery models in hearing healthcare. January 2022 to July 2024. – 2nd Supervisor. Primary supervisor: Prof. De Wet Swanepoel and Dr. Faheema Mahomed-Asmail.

Anglia Ruskin University, UK

- Eldre W. Beukes – Internet-based interventions for tinnitus. November 2014 to February 2018. – 2nd Supervisor. Other supervisors include: Professors Peter Allen, Gerhard Andersson, and David Baguley.

Graduate Students Research Supervision

Lamar University, USA – Doctor of Audiology (AuD)

- Taylor Eubank (2020-22). Intervention to address misinformation about tinnitus.
- Alyssa Jade Ulep (2020-22). Internet-based CBT for tinnitus.
- Jisha Thomas (2021-22). Internet-based vestibular rehabilitation.
- Kelli Lara (2021-22). Hearing aid outcome.
- Denilson Calderon (2021-22). Hearing aid outcome.
- Sania Azeem (2020-21). Situational coping in individuals with tinnitus.
- Tara Welborn (2021). Effects of tinnitus on work effectiveness.
- Alyssa Williams (2020). Positive experiences associated with tinnitus.
- Yared Rodriguez (2019-20). Understanding satisfaction about hearing healthcare services using online consumer reviews.
- Kimberly Boase (2019-20). Understanding satisfaction of hearing aids using online consumer reviews.
- Itzel Mercado Godina (2018-19). Content analysis of YouTube videos on hearing loss.
- Marcella Michaels (2018-19). Content analysis of YouTube videos on hearing aids.
- Ashlyn Parker (2018). Social representation of hearing loss and hearing aids.

- Morgan Moss (2018). Validation of ICF Core Sets for Hearing Loss.
- Marifer Munoz (2017-19). Cross-cultural studies in hearing science.
- Vibhu Grover (2017-19). Self-reported measure of hearing disability; Electro-acoustic characteristics of direct-to-consumer hearing devices.
- Shelby Wilson (2017-19). Electro-acoustic characteristics of direct-to-consumer hearing devices.
- Nicole Coffeen (2016-17). Outcome of direct-to-consumer hearing devices for adults with hearing loss.
- Kayla Lane (2016-17). Applications of direct-to-consumer hearing devices for adults with hearing loss.
- Mariana Corral Molina (2016-17). Image perception and cost-benefit analysis of direct-to-consumer hearing devices.
- Stephanie Sandoval (2016). Social representation of hearing loss and hearing aids in United States.
- Natalie Yates (2016). Community-based hearing rehabilitation.
- Katie Miller & Paige Terlizzi (2015-16). Advantages of Hypersound speakers for people with hearing loss and their significant others.
- Taylor Valien (2015-16). The effect of music exposure through personal listening devices on the loudness perception and efferent function in young adults.
- Lorena Escobar (2015-16). Ethical dilemmas in adult Audiology practice: Perspectives of audiologists and patients.
- Stephanie Sandoval (2015). Rate and reasons for hearing aid non-use in United States.
- Jasmine Auzenne (2015). Social representation of music exposure.
- Gretchen Stein (2015). Social representation of hearing loss.

Lamar University, USA – Master’s in Computer Science

- Arun Annamalai (2021)
- Sandeep Palaparthi (2021)
- Mithun Sarkar (2021)
- Rashmina Upreti (2018-19)
- Rasmi Wagle (2018)
- Neliya Gurung (2018)
- Avijoy Chakma (2016-17)
- Shariful Alam (2016-17)
- Kishore Dutta Gupta (2016-17)
- Abdullah Omar Siraj (2016)
- Amit Kumar (2016)
- Garima Panta (2015-17)
- Gyatri Bhatta (2015-16)

University of Canterbury, New Zealand – Master’s in Audiology

- Lucie Gibson (2018). Suitability of online tinnitus information.

University of Pretoria, South Africa – Master’s in Audiology

- Larissa Giezing (2024-25). Comparing Ai chatbot and audiologist responses to common hearing health questions.
- Marli Labuschagne (2024-25). Remote cochlear implant services and digital technologies: A scoping review.
- Nicole Labuschagne (2024-25). Evaluating the accuracy and quality of AI chatbots in audiology case interpretation and management.
- Lisa-Marie Michau (2024-25). Examining the experiences of hearing aid users: A qualitative interview study.
- Silindile Molemong (2024-25). Systematic review of test-retest reliability of pure-tone audiometry.
- Caitlin Bear (2024). Evaluating hearing aid experiences using the ecological momentary assessment data collected through smartphone app – Negative comments.
- Nausheen Dawood (2023). Systematic review on effect of hearing aid technology level on outcomes.
- Caitlin Frisby (2023). Systematic review on hearing aid outcomes of individuals with sub-clinical hearing loss.
- Clarissa Wentzel (2023). Systematic review on hearing aid acclimatization.
- Chané Fourie (2023). Evaluating hearing aid experiences using the ecological momentary assessment data collected through smartphone app – Positive comments.
- Nabeelah Desai (2022). Suggestions about hearing aid design from consumers.
- Ruth Jayne' Avierinos (2022). Does hearing aid result in meaningful life changes?
- Jane Cumming (2022). How long does hearing aid users use their devices?
- Sanchia van Bruggen (2021). Qualitative analysis of Google reviews on hearing healthcare services.
- Cathrine Motlhamare (2021). The hearing aid effect in a low- and middle-income country.
- Tayla Heselton (2019-20). Qualitative analysis of online consumer feedback on hearing aids.
- Megan Clarissa Knoetze (2019-20). Changes in listening behavior using smartphone monitoring of in-ear sound levels.

Undergraduate Student Research Supervision

Lamar University, USA

- Collin Brice (2015). Ethical dilemmas in adult Audiology practice.
- John Hawthorn (2015). Global audiology forum.

Swansea University, UK

- Nishali Patel (2013). In adults with hearing loss, which rehabilitation model is most effective and which stage in the patient rehabilitation should the therapies be used?
- Yamin Win (2013). Occupational hearing conservation programme: A review of current practice and literature.
- Sarah Boaler (2013). Do ototoxicants protect against temporary threshold shift and permanent threshold shift.

- Sharondeep Paul Kaur (2012). Paediatric hearing aid outcome measures (children aged +5): Are objective measures more clinically relevant than subjective measures when assessing the benefit of amplification?
- Rebecca Chaplin (2012). How does noise impact on cognitive processing in educational development and what facilities could be used to reduce negative impact.
- Courtney Sutton (2012). A systematic literature review evaluating the factors that influence directional benefit under laboratory conditions, whilst also considering how these apply to performance in real world situations.
- Lewis Watkins (2011). Evaluation of auditory efferent system functioning using Otoacoustic emission suppression: appropriate methods, test procedures, considerations and limitations.
- Charlotte Legg (2011). Tinnitus in childhood and adolescence (4-20 years of age): what are the risks? A Review.
- Claire Hughes (2011). Organic solvents and hearing loss: A review of the current findings.
- Alice Davies (2011). Smoking and hearing loss.
- Emma Arthur (2011). Preventability and impact of congenital cytomegalovirus on sensorineural hearing loss among pediatric populations: a systematic review of the literature.
- Sulaiman Ali (2011). Auditory steady state responses (ASSR): An evaluation of the current techniques implemented for its use in infants with significant hearing losses.
- Amy Hiddleston-Morgan (2010). Young people and their risk of music-induced hearing loss: Can education affect their attitude and behaviors?
- Charlton Barnachea (2010). Does rheumatoid arthritis affect the auditory system?
- Katie L. Chilvers (2009). Bilateral hearing aid provision in the elderly population: Scientific evidence, candidacy and cost.
- Adam R. Chell (2009). A review: The effects of mobile phone radiation on the auditory system.
- Amanda J. Thomas (2009). Hearing characteristic in geriatric patients: Implications for management and rehabilitation.
- Daniel Petherick (2009). An overview of auditory evoked potentials used for hearing threshold estimation; Are Auditory Steady-State Responses ready to be used clinically?
- Paul Schneider (2008). Cochlear Dead regions: The importance of applying edge frequency (fe) knowledge in the development and provision of frequency transposition hearing aids.
- Marina Courtney-Jones (2008). The process of cochlear implantation and its effects on parent and child: a review of the literature.
- Andrew Rhodes (2008). An overview of current and emerging non- invasive tools for the assessment of middle ear function.
- Alexandra Owen (2008). Occupational Noise induced hearing loss and the utilization of Otoacoustic emissions in its identification.
- Eleanor Gove (2008). The effects of ototoxic drugs on the auditory system – A review.

SECTION 9: EXTERNAL AND SERVICE ACTIVITIES

External Examination and Committee Membership

External Examination

2013/07 – 2014/10	External Examiner for <i>M.Sc Advanced Audiology</i> at Ear Institute, University College London, UK.
2012/11 – 2013/12	External Examiner for <i>M.Sc Auditory Science</i> at De Montfort University, Leicester, UK.
2010/02 – 2014/09	External Examiner for <i>B.Sc (Hons) Audiology</i> and <i>B.Sc (Hons) Healthcare Science (Audiology)</i> at De Montfort University, Leicester, UK.
2010/01 – 2014/09	External Examiner for <i>Foundation Degree in Hearing Aid Audiology</i> at De Montfort University, Leicester, UK.

External Professional Activities

2020/01 – 2022/12	Group Leader for Houston Tinnitus Support Group (HTSG), American Tinnitus Association (ATA) Houston Chapter, Houston, Texas.
2016/10 – 2018/01	Co-Chair for <i>Technical Committee</i> at the Coalition of Global Hearing Health (CGHH), USA.
2011/11 – 2013/03	Regional Representative for the British Academy of Audiology (BAA).
2007/10 – 2013/03	University Representative for the Welsh Assembly Government Scientific Advisory Group – Audiology sub-committee (Audiology Statutory Standing Advisory Group - ASSAG)
2007/10 – 2013/03	University Representative for Individual Record of Clinical Practice (IRCP) - National Audiology Clinical Learning Group

University Committees

2019/09 – 2022/01	Committee Member for Tenure and Promotion Personal Committee at College of Fine Arts and Communication, Lamar University, USA.
2019/09 – 2020/08	Committee Member for Curriculum Committee at College of Fine Arts and Communication, Lamar University, USA.

2019/09 – 2020/08	Committee Member for University Professor and Merit Committee at College of Fine Arts and Communication, Lamar University, USA.
2019/09 – 2020/08	Chair for Department Chair Review Committee at Department of Speech and Hearing Sciences, Lamar University, USA.
2017/05 – 2019/05	Committee Member for SACS Committee on Graduate Degrees at Lamar University, USA.
2016/05 – 2018/05	Committee Member for University Senate at Lamar University, USA.
2016/02 – 2017/02	Committee Member for University Professor and Merit Committee at College of Fine Arts and Communication, Lamar University, USA.
2013/07 – 2014/07	Faculty Representative for Distance and Work Based Learning Sub-committee, Faculty of Science and Technology, Anglia Ruskin University, Cambridge, UK.
2007/10 – 2013/03	Department Representative for Staff and Student Panel, Clinical Physiology and Audiology, Swansea University, Swansea, UK
2007/10 – 2013/03	Department Representative for Board of Studies, Clinical Physiology and Audiology, Swansea University, Swansea, UK
2007/10 – 2013/03	Department Representative for Staff Forum, College of Human and Health Sciences, Swansea University, Swansea, UK
2007/10 – 2013/03	Department Representative for Admissions Committee, College of Human and Health Sciences, Swansea University, Swansea, UK
2009/01 – 2010/07	Department Representative for Program Development Committee (M.Sc Osteopathy), Swansea University, Swansea, UK

Conference and Seminars Organized

- Colorado Audiology Symposium formerly known as Advanced Practice in Hearing and Balance Symposium (APHBS) 2022, 2023, and 2025.

- Cochlear Implant Day 2023.
- International Symposium on Digital Technology – Health & Wellbeing, Manipal Academy of Higher Education, Manipal (India), January 2019.
- International Conference on Research in Hearing Sciences, All India Institute of Speech and Hearing (AIISH), the University of Mysore, Mysore (India), December 2015.
- Cross-Cultural Communication: Exploring Cross-cultural Differences and Similarities in Attitudes Towards Hearing Help Seeking and Uptake of Hearing Aids, Bristol (United Kingdom), February 2013.

Comments to Professional Documents

- American Academy of Audiology (AAA) Scope of Practice and Standards of Practice documents in 2022.

SECTION 10: OTHER

Membership of Professional Organizations

Professional Registrations

- Licensed audiologist in the State of Texas (License No: 80731) and in the State of Colorado (AUD.0001123).
- American Board of Audiology (ABA) - Board Certified Audiologist (Certificate No.: 2596).
- Registered with the Health and Care Professions Council (HCPC), UK (Registration No: HAD02007) as Hearing Aid Dispenser.
- Registered with the Registration Council for Clinical Physiologists (RCCP), UK (Registration No: 4975) as Audiologist.

Professional Organization Membership

- Fellow member of the Colorado Academy of Audiology.
- Fellow member of the American Academy of Audiology (AAA Membership No: 41027002).
- Full members of the American Auditory Society (AAS Membership No: 11434).
- Non-certified member of the American Speech-Language Hearing Association (ASHA Member No: 14154723).
- Full member of the International Society of Audiology (ISA).
- Life member of Indian Speech & Hearing Association (ISHA Registration No: L11060994).
- Fellow of the Higher Education Academy (FHEA Reference No: 46145).

Media Engagements

- Apple claims new AirPod hearing aid feature is 'clinical grade.' Is it? STST News. <https://www.statnews.com/2024/10/31/apple-airpod-hearing-aid-clinical-grade-audiologists-take/>
- The Hearing Aid Revolution That Wasn't Over-the-counter models have high return rates. Can Apple's AirPods Pro 2 change things? The Wall Street Journal:

- <https://www.wsj.com/tech/personal-tech/apple-airpods-hearing-aids-over-the-counter-cb916621>
- Hearing professionals and consumers views on OTC hearing aids in 2023. This week in Hearing: <https://www.youtube.com/watch?v=tg207sCMQPg>
- University of Colorado Anschutz Medical Campus news on over-the-counter hearing aids in 2022. Available from: https://news.cuanschutz.edu/medicine/over-the-counter-hearing-aids?utm_source=today_newsletter&utm_medium=email&utm_campaign=oct_2_6_22
- Denver 7 news on over-the-counter hearing aids in 2022. Available from: <https://www.denver7.com/news/contact-denver7/over-the-counter-hearing-aids-go-on-sale-in-colorado?fbclid=IwAR3QS0WTW6Bbej8acvvtYNVfK8q1kZPPKkuL2jPVqiWN7Bq-x5W43y1EeVQ>
- University of Colorado Anschutz Medical Campus news on newborn hearing screening in 2022. Available from: <https://news.cuanschutz.edu/medicine/faculty-members-contribute-to-who-guidance-on-newborn-hearing-screening>
- ASHA Podcast on OTC hearing aids: <https://leader.pubs.asha.org/do/10.1044/2023-1012-podcast-aud-otc-one-year/full/>
- The Conversation – OTC hearing aids: <https://theconversation.com/over-the-counter-hearing-aids-offer-a-wide-range-of-options-here-are-things-to-consider-before-buying-192936>
- CU Medicine OTC hearing aids: <https://news.cuanschutz.edu/medicine/over-the-counter-hearing-aids>
- News about Bharat Samman Award 2017: Various newspapers
- News about Jerger Future Leader of Audiology (JFLAC) in 2016: Various newspapers
- Interview about Internet-based self-help intervention with Channel 12 News on September 27th, 2016. A short clip available from: <http://www.12newsnow.com/news/local/lamar-research-focuses-on-hearing-loss-therapy/326998570>
- Interview about positive experiences with Academy of Doctors of Audiology (ADA). *Audiology Practice*. Available from: <http://www.audiologypractices.org/>
- Interview about positive experiences with Finnish Ménière's Federation (FMF). *Suomen Meniere-Posti*. Available from <http://www.suomenmeniereliitto.fi/index.php?sivu=7278>
- Research on *positive experiences* of hearing and balance disorder has been featured in *The Scientist Magazine* on September 1st, 2015: <http://www.the-scientist.com/?articles.view/articleNo/43795/title/The-Upside/>
- Interviewed by Audiology Online (www.audiologyonline.com) about my work with Audiology India (NGO), published on June 10th, 2015: <http://www.audiologyonline.com/interviews/audiology-india-14418>

Other Interests

- I have **visited 77 countries** so far. I hope to go around the World.
- I am interested in **lifestyle photography**.