CURRICULUM VITAE

ALI A. DANESH, Ph.D., CCC-A, FAAA
Board Certified, American Board of Audiology
Professor of Communication Sciences and Disorders
Professor of Biomedical Science (Secondary)

Academic Address:

Department of Communication Sciences & Disorders
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Academic Training:

Ph.D. 1994-1998

Audiology, with emphasis on Auditory Electrophysiology
School of Audiology and Speech-Language Pathology,
The University of Memphis, Memphis, Tennessee, August 1998.
Dissertation Title:
Topographic Analysis of Late Auditory Evoked Potentials (LAEPs) to Linguistic and Acoustically Similar Non-Linguistic Stimuli (Dissertation Major Professor: Herbert J. Gould, PhD)

Collaterals: *Neuroscience* (Department of Anatomy and Neurobiology, College of Medicine, University of Tennessee, Memphis, Tennessee) & *Communication Disorders* (The University of Memphis).

Clinical Fellowship 1997-1998

Methodist Hospitals of Memphis, Department of Audiology (*Supervisor: David A. Zapala, PhD*)

M.S. 1993-1994

Audiology
Department of Speech Pathology and Audiology
Idaho State University, Pocatello, Idaho, 1994.
Thesis Title:
Comparison of the Effects of Target Probability and Interstimulus Interval on Amplitude of the P300 Auditory Event-Related

Potentials (Thesis Advisor: Thayne C. Smedley, PhD).

B.Sc. 1983-1987 Audiology
Department of Audiology, School of Rehabilitation Sciences,
Iran University of Medical Sciences, Tehran-Iran, 1987.
Thesis Seminar Title:
Prosthetic Management of Tinnitus (Advisor: Mr. A.A. Tahaee)

SPECIALITY/ FIELDS OF INTEREST:

Audiology
Auditory Electrophysiology/Auditory Evoked Potentials
Auditory and Vestibular Neuroscience
Tinnitus
Sound Sensitivity Disorders (Hyperacusis & Misophonia)
Vestibular Assessment & Rehabilitation
Topographic Brain Mapping
Auditory Profiles in Autism Spectrum Disorders (ASD)
Genetics of Hearing Impairments
Cochlear Hair Cell Regeneration

PROFESSIONAL EMPLOYMENT/AFFILIATIONS:

Florida Atlantic University:

- Professor, Department of Communication Sciences and Disorders, Florida Atlantic University. (May 2013-present).
- Professor, Biomedical Science (Secondary), Schmidt College of Medicine, Florida Atlantic University. (April 2025-present). (Joint Appointment)
- Affiliate Faculty, Neurology Residency Program, Schmidt College of Medicine, Florida Atlantic University (2017-2022).
- Affiliate Faculty, Department of Psychology, Schmidt College of Science, Florida Atlantic University. (2017-present).
- Affiliate Faculty, Department of Electrical Engineering and Computer Sciences, College of Engineering and Computer Sciences, Florida Atlantic University. (2023-present).
- Affiliate Faculty, Department of Biomedical Engineering, College of Engineering and Computer Sciences, Florida Atlantic University. (2025-present).

- Professor, Clinical Biomedical Science/Integrated Medical Science (Secondary), Schmidt College of Medicine, Florida Atlantic University. (April 2014-2024). (Joint Appointment)

- FAU Neuroscience PhD program faculty member and advisor. (2020-present)

- Member of the FAU Stiles-Nicholson Brain Institute

- Associate Professor and Director of Audiology Clinic, Department of Communication Sciences and Disorders, Florida Atlantic University. (August 2004-present).

- FAU iHealth Institute Member

- FAU Brain Institute Internal Advisory Board, Representative of the College of Education (2020-present).

- Member of Human Health and Dementia Research Focus Group in the Institute of Human Health and Disease Intervention at FAU

- Affiliate Faculty, Complex Systems and Brain Sciences, College of Science, Florida Atlantic University (2019-present).

- Affiliate Associate Professor of Medicine, Schmidt College of Medicine, Florida Atlantic University. (January 2005- April 2014).

- Assistant Professor, Department of Communication Sciences and Disorders, Florida Atlantic University. (August 1998-2004).

Other Academic Activities/Settings:

- Royal Surrey County Hospital. Honorary Contract Consultant, Audiology Department, Surrey, United Kingdom (2018-2023)

- Faculty Question Designer for Board Certification, American Board of Audiology

- Voluntary Associate Professor of Otolaryngology, Leonard M. Miller School of Medicine, University of Miami, September 2016-present.

- Chief Audiologist, Private Practice, Labyrinth Audiology, Boca Raton, FL, 2005-Present.

- Adjunct Professor, Audiology Department, Nova Southeastern University (NSU), Fort

Lauderdale, FL. 2003- Present.

- Voluntary Assistant Professor of Otolaryngology, Leonard M. Miller School of Medicine, University of Miami, September 2005-2016.

- Adjunct Professor, Osborne College of Audiology, Salus University, International Doctor of Audiology, AuD-Bridge Degree Program, Elkins Park, PA, 2012- Present.

- Graduate Faculty, Department of Communication Sciences and Disorders, Missouri State University, Springfield, MO, 2013-Present.

- Graduate Research Assistant, Auditory Electrophysiology Laboratory, School of Audiology & Speech-Language Pathology, The University of Memphis, August 1994-August 1998.

- Clinical Fellow in Audiology, Department of Audiology, Methodist Hospitals of Memphis, February 1997- January 1998.

- Graduate Teaching Assistant, Department of Speech Pathology and Audiology, Idaho State University, 1994.

- Audiology Instructor, Department of Audiology, Faculty of Paramedical Sciences, Shahid Beheshti University of Medical Sciences (Formerly National University of Iran), Tehran-Iran 1989-1992.

TEACHING AND ADMINISTRATIVE EXPERIENCE:

@Florida Atlantic University:

Graduate Teaching

Introduction to Audiological Sciences
Neural Bases of Human Communication
Aural Habilitation/Rehabilitation
Genetics for Communication Disorders
Clinical Supervision, Audiology Practicum

@Other Academic Settings:

- Physiology of the Auditory and Vestibular Systems, Miller School of Medicine University of Miami @ Florida Atlantic University (*first year medical students*)
- Anatomy & Physiology of the Auditory System, Charles E. Schmidt College of Medicine, Florida Atlantic University (*first year medical students*)

- Anatomy & Physiology of the Vestibular System, Charles E. Schmidt College of Medicine, Florida Atlantic University (*first year medical students*)
- Auditory system, Neuroscience 2 PSB 6346, College of Science, Graduate and Doctoral students, Florida Atlantic University
- Vestibular system, Neuroscience 2 PSB 6346, College of Science, Graduate and Doctoral students, Florida Atlantic University
- Genetics of Hearing Impairment, Salus University (*doctoral students, AuD Bridge Program*)
- Tinnitus Epidemiology, Salus University (*Tinnitus Certificate Program*)
- Genetics of Hearing Impairment, Nova Southeastern University (*doctoral students, Residential Students and London, UK program NSU Audiology*)
- Instrumentation in Audiology, Nova Southeastern University
- Anatomy and Physiology of the Hearing Mechanism, The University of Memphis
- Evaluation and Prescription of Amplification, , Department of Audiology, College of Paramedical Sciences, Shahid Beheshti University of Medical Sciences
- Calibration of Audiologic Instruments, Department of Audiology, College of Paramedical Sciences, Shahid Beheshti University of Medical Sciences
- Counseling and Report Writing in Audiology, Department of Audiology, College of Paramedical Sciences, Shahid Beheshti University of Medical Sciences

ADMINISTRATION:

Florida Atlantic University:

Director of Audiology Clinic
Chair, Petitions Committee, Department of Communication Sciences & Disorders
Chair, Research Committee, College of Education (Term expired in 2014)
Member, Curriculum Committee, College of Education (2010-present)
Member Graduate Committee, College of Education (2010-present)
Member University Graduate Programs (2015-present)
Member University Graduate Council (2015-present)
Member, University Research Council (Term expired in 2014)
Member, Institutional Review Board (IRB) (Term expired in 2013)
Coordinator of University wide Hearing Screenings
Coordinator of Tinnitus Awareness Day at FAU

Current Research:

1. Telehealth Use of a Nystagmus Analyzer Algorithm
2. Correlation Between Vestibular Disorders and Cognitive Function
3. Exploring the Impacts of Diabetes on Memory and Hearing

4. Balance and memory characteristics in individuals with Parkinson's Disease
5. Bridging the Gap between Motor and Non-motor Symptoms in Parkinson's Disease.

PUBLISHED MANUSCRIPTS (PEER-REVIEWED)

Peer Reviewed National & International Journals:

1. Moleón González, M. d. C., Danesh, F., & **Danesh**, A. A. (2026). Integrating the Sensation–Emotion–Cognition (SEC) Model into Tinnitus Care: A Preliminary Exploratory Study of a Comprehensive Tinnitus Management Protocol. *Audiology Research*, *16*(2), 43. https://doi.org/10.3390/audiolres16020043
2. A. Kunapinun, P. Ellison, A. **Danesh**, *et al*., "Joint-Wise Spectral Analysis of Balance Responses Using Inverse Kinematics: A Motion Capture Study in Post-Acute COVID vs Non-COVID Individuals," *2025 18th International Convention on Rehabilitation Engineering and Assistive Technology (i-CREATe)*, Bangkok, Thailand, 2025, pp. 1-6, doi: 10.1109/i-CREATe67590.2025.11478139.
3. **Danesh,** A.A. & Kaplan, J., Barvo, C. & Dobuler, A. (2025). OUTLOOK ON HYPERACUSIS AND MISOPHONIA IN AUTISM SPECTRUM DISORDERS (ASD). J Hear Sci 2025;1(SPECIAL ISSUE ON MISOPHONIA AND HYPERACUSIS 1):54-57 DOI: https://doi.org/10.17430/jhs/211236
4. Shih RD, Engstrom G, Pandya AS, Fields GB, Furht B, **Danesh** AA, Alter SM, Munoz H, Clayton LM, Solano JJ, Buckley T, Hung O, Farag A, Wells M. Pharmacogenomic Drug-Gene Interactions in Geriatric Emergency Department Patients Who Sustained Falls: A Pilot Study. West J Emerg Med 2025;26:1414–1422, doi.org/10.5811/westjem.46553.
5. Sanghvi H, **Danesh** A A, Moxam J, et al. (May 13, 2025) Artificial Intelligence-Driven Telehealth Framework for Detecting Nystagmus . Cureus 17(5): e84036. doi:10.7759/cureus.84036 (https://www.cureus.com/articles/349403-artificial-intelligence-driven-telehealth-framework-for-detecting-nystagmus#!/)
6. Freeman, B., **Danesh**, AA, Jones, K, & Danesh, F (2025). The Future of Audiology: Surviving and Thriving. Audiology Today, Vol 37 No 2, PP 20-29, Mar/Apr 2025. https://www.audiology.org/wp-content/uploads/2025/02/AT372-LR.pdf
7. Shih RD, Engstrom G, Pandya AS, Fields GB, Furht B, **Danesh** AA, Alter SM, Munoz H, Clayton LM, Solano JJ, Buckley T, Hung O, Farag A, Wells M. Pharmacogenomic Drug-Gene Interactions in Geriatric Emergency Department Patients That Have Fallen. medRxiv 2024.08.14.24311970; doi: https://doi.org/10.1101/2024.08.14.24311970
8. King, A.M.; Cooper, J.N.; Oganezova, K.; Mittal, J.; McKenna, K.; Godur, D.A.; Zalta, M.; **Danesh**, A.A.; Mittal, R.; Eshraghi, A.A. Vestibular Schwannoma and Tinnitus: A Systematic Review of Microsurgery Compared to Gamma Knife

Radiosurgery. J. Clin. Med. 2024, 13, 3065. https://doi.org/10.3390/jcm13113065

9. **Danesh,** A.A. & Kaplan, J. (2024). Hyperacusis and autism spectrum disorder. ENT & AUDIOLOGY NEWS VOLUME 33 ISSUE 3 JUL/AUG 2024. https://www.entandaudiologynews.com/features/audiology-features/post/hyperacusis-and-autism-spectrum-disorder
10. Aazh H, Taylor L, **Danesh** AA, Moore BCJ. (2023). The Effectiveness of Unguided Internet-Based Cognitive Behavioral Therapy for Tinnitus for Patients with Tinnitus Alone or Combined with Hyperacusis and/or Misophonia: A Preliminary Analysis. J Am Acad Audiol. 2023 May 5. doi: 10.1055/a-2087-0262. Epub ahead of print. PMID: 37146649. https://www.thieme-connect.com/products/ejournals/abstract/10.1055/a-2087-0262
11. Aazh, H, McFerran, D, **Danesh, AA**, Louw, C & Moore, BCJ (2023) A comparison of interaural asymmetry, audiogram slope, and psychometric measures of tinnitus, hyperacusis, anxiety and depression for patients with unilateral and bilateral tinnitus, International Journal of Audiology, DOI: 10.1080/14992027.2022.2160383 https://www.tandfonline.com/doi/full/10.1080/14992027.2022.2160383
12. Aazh H, Erfanian M, **Danesh AA** and Moore BCJ (2022). Audiological and Other Factors Predicting the Presence of Misophonia Symptoms Among a Clinical Population Seeking Help for Tinnitus and/or Hyperacusis. Front. Neurosci. 16:900065. doi: 10.3389/fnins.2022.900065 https://www.frontiersin.org/articles/10.3389/fnins.2022.900065/full & https://doi.org/10.3389/fnins.2022.900065
13. Aazh H, Ballinger J, Hayes C, Pepler A, Lammaing K, Moore BCJ, **Danesh** AA, Vitoratou S. (2022). Psychometric Evaluation of a Patient Experience Questionnaire (PEQ) for Outpatient Appointments: Analysis Using Data from a UK National Health Service Audiology Department. J Am Acad Audiol. 2022 May 5. doi: 10.1055/s-0041-1736575. Epub ahead of print. PMID: 35512840. https://pubmed.ncbi.nlm.nih.gov/35512840/
14. Aazh H, Hayes C, Moore BCJ, **Danesh** AA, Vitoratou S. (2022) Psychometric Evaluation of the Hyperacusis Impact Questionnaire (HIQ) and Sound Sensitivity Symptoms Questionnaire (SSSQ) Using a Clinical Population of Adult Patients with Tinnitus Alone or Combined with Hyperacusis. J Am Acad Audiol. 2022 Feb 23. doi: 10.1055/a-1780-4002. Epub ahead of print. PMID: 35196727. https://pubmed.ncbi.nlm.nih.gov/35196727/

15. Harshal A. Sanghvi, Riki H. Patel, Ali **Danesh**, B. Sue Graves ,Javad Hashemi, Abhijit S. Pandya. (2022). A NOVEL GAME APPLICATION ON AUGMENTED REALITY FOR PEOPLE WITH DISABILITIES. International Research Journal of Modernization in Engineering Technology and Science. Vol 04, Issue,08/ August 2022. (3) (PDF) A NOVEL GAME APPLICATION ON AUGMENTED REALITY FOR PEOPLE WITH DISABILITIES (researchgate.net)
16. **Danesh** AA, Howery S, Aazh H, Kaf W, Eshraghi AA (2021). Hyperacusis in Autism Spectrum Disorders. Audiology Research, 11(4):547-556.

https://doi.org/10.3390/audiolres11040049

17. Aazh H, **Danesh** AA, Moore BCJ (2021). Self-reported Tinnitus Severity Prior to and During the COVID-19 Lockdown in the UK. J Am Acad Audiol. 2021 Oct;32(9):562-566. doi: 10.1055/s-0041-1731733. Epub 2022 Feb 17. https://pubmed.ncbi.nlm.nih.gov/35176799/
18. Aazh H, **Danesh** AA (2021). ONLINE FEATURE | Trilogy of Papers: Audiologist-Delivered Cognitive Behavioral Therapy for Tinnitus and Hyperacusis. Audiology Today, March-April Online Issue, https://www.audiology.org/audiology-today-marchapril-2021/online-feature-trilogy-papers-audiologist-delivered-cognitive
19. Aazh, H. and A. Danesh (2020). "Internet-based Cognitive Behavioral Therapy for Tinnitus: Insights from Health Care Professionals " The Hearing Journal 74(2): 20-22. https://journals.lww.com/thehearingjournal/Fulltext/2021/02000/Internet_based_Cognitive_Behavioral_Therapy_for.7.aspx
20. Aazh H, **Danesh** AA, Moore BCJ (2020). Internal Consistency and Convergent Validity of the Inventory of Hyperacusis Symptoms. Ear Hear. 2020 Nov 30. doi: 10.1097/AUD.0000000000000982. Epub ahead of print. PMID: 33259445. https://journals.lww.com/ear- hearing/Abstract/9000/Internal_Consistency_and_Convergent_Validity_of.98580.aspx
21. Porcaro, C. Singer, C., Djokic, B., **Danesh, A.A**., Tappen, R. @ Engstrom, G. (2020). Perceived Voice Disorders in Older Adults and Impact on Social Interactions. Perspectives of the ASHA Special Interest Groups. https://doi.org/10.1044/2020_PERSP-20-00059
22. Aazh, H & **Danesh**, AA (2020). Tinnitus and Insomnia, The Hearing Journal: June 2020 - Volume 73 - Issue 6 - p 14,15. https://journals.lww.com/thehearingjournal/Fulltext/2020/06000/Tinnitus_and_Insomnia__Management_via.5.aspx
23. **Danesh,** AA & Aazh, H (2020). Misophonia: A Neurologic, Psychologic, and Audiologic Complex. The Hearing Journal. Vol 73, pp20-23. https://journals.lww.com/thehearingjournal/Fulltext/2020/03000/Misophonia__A_Neurologic,_Psychologic,_and.5.aspx
24. Aazh, H., Landgrebe, M., **Danesh,** AA & Moore, BCJ. Cognitive Behavioral Therapy For Alleviating The Distress Caused By Tinnitus, Hyperacusis And Misophonia: Current Perspectives. Psychol Res Behav Manag. 2019 Oct 23;12:991-1002. https://www.ncbi.nlm.nih.gov/pubmed/31749641
25. **Danesh,** AA (2019). Incorporating Tinnitus Management Services into your Audiology Practice. The Hearing Journal. Vol 72, pp22-23. https://journals.lww.com/thehearingjournal/Fulltext/2019/11000/Incorporating_Tinnitus_Management_Services_into.8.aspx
26. Aazh H, Landgrebe M, **Danesh** AA. Parental Mental Illness in Childhood as a Risk Factor for Suicidal and Self-Harm Ideations in Adults Seeking Help for Tinnitus and/or Hyperacusis. Am J Audiol. 2019 Sep 13;28(3):527-533. doi: 10.1044/2019_AJA-18-0059. Epub 2019 Jun 11. PMID: 31184510. https://pubmed.ncbi.nlm.nih.gov/31184510/
27. Porcaro, C.K., Alavi, E., Gollery, T., & **Danesh,** A.A. (2019). Misophonia:

Awareness and Responsiveness Among Academics. Journal of Postsecondary Education and Disability, 108-118, 32 (2). https://www.ahead.org/professional-resources/publications/jped

28. Aazh, H., Langguth, B. & **Danesh**, AA (2018). Parental separation and parental mental health in childhood and tinnitus and hyperacusis disability in adulthood: a retrospective exploratory analysis. Int J of Aud. 2018 Oct 1:1-6. doi: 10.1080/14992027.2018.1514470. https://www.ncbi.nlm.nih.gov/pubmed/30272507

29. Aazh, H., **Danesh**, AA & Moore, BCJ (2018). Parental mental health in childhood as a risk factor for anxiety and depression among people seeking help for tinnitus and hyperacusis. J of Am Acad Aud. https://www.ncbi.nlm.nih.gov/pubmed/30446035

30. Aazh H, Knipper M, **Danesh** AA, Cavanna AE, Andersson L, Paulin J, Schecklmann M, Heinonen-Guzejev M, & Moore BCJ (2018). Insights from the Third International Conference on Hyperacusis: Causes, Evaluation, Diagnosis, and Treatment. Noise Health. 2018 Jul-Aug ;20(95):162-170. http://www.noiseandhealth.org/article.asp?issn=1463-1741;year=2018;volume=20;issue=95;spage=162;epage=170;aulast=Aazh;type=0

31. Ocak, M, Eshraghi, R, **Danesh**, AA, Mittal, R & Eshraghi E (2018). Central Auditory Processing Disorders in Individuals with Autism Spectrum Disorders. Balkan Medical Journal, June 2018. https://www.researchgate.net/publication/326028400_Central_Auditory_Processing_Disorders_in_Individuals_with_Autism_Spectrum_Disorders?ev=project

32. **Danesh**, AA, Shahnaz, N, & Hall, JW (2018). The Audiology of Otosclerosis. Otolaryngol Clin North Am. 2018 Apr; 51(2):327-342. https://pubmed.ncbi.nlm.nih.gov/29397946-the-audiology-of-otosclerosis/?from_term=danesh+tinnitus&from_pos=1 https://www.ncbi.nlm.nih.gov/pubmed/29397946

33. Lavasani AN, Mohammadkhani G, Motamedi M, Karimi LJ, Jalaei S, Shojaei FS, **Danesh** A, Azimi H. (2016). Auditory temporal processing in patients with temporal lobe epilepsy. Epilepsy Behav. 60:81-5. http://www.sciencedirect.com/science/article/pii/S1525505016300312

34. Uzma, A., Kaf, W, **Danesh**, A.A. & Lichtenhan, J (2016). Assessment of Low Frequency Hearing with Narrow-Band Chirp Evoked 40-Hz Sinusoidal Auditory Steady State Response. Int J Audiol. 55(4):239-47. https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4962785/

35. Naharci, M., Engstrom, G., Keintz, C., **Danesh**, A., Tappen, R. & Ouslander, J. (2016). Self-reported Hearing Loss is Associated with Frailty among Afro-Caribbeans. West Indian Medical Journal DOI: 10.7727/wimj.2016.174. https://www.mona.uwi.edu/fms/wimj/article/3028

36. **Danesh**, A.A. (2016). What's new in: Genetic testing for hearing impairment. ENT & Audiology News, May/June issue, Vol 25, No 2, pp. 69-70. http://www.entandaudiologynews.com/

37. **Danesh**, AA., Lang, D, Kaf, A, Andreassen, W. Scott, J & Eshraghi, A. (2015). Tinnitus and Hyperacusis in Autism Spectrum Disorders with Emphasis on High Functioning Individuals Diagnosed with Asperger's Syndrome. Int J of Pediatr Otorhinolaryngol. 79(10):1683-8. https://www.ncbi.nlm.nih.gov/pubmed/26243502

38. Nagashino, K., Kinouchi, Y., **Danesh**, A. A. & Pandya, S. (2015). A computational framework with simplified tonotopicity and homeostatic plasticity for tinnitus generation and its management by sound therapy. WSEAS Transaction on Biology and Biomedicine, Vol. 12, 2015, Art. #4, pp.20-30.

39. Tessel, C. & **Danesh**, A. A. (2015). Maintenance of the Heritage Language: Examination of its Effects on Psychological Status, Family Relations, and Language Development in Children and Adolescents. Inter J of Speech & Lang Path & Audiol. Vol 3, Issue, 1, pp. 40-44. http://www.synergypublishers.com/downloads/ijslpav3n1a6/

40. **Danesh**, A.A. (2015). Scientific Advances in mapping syndromic hearing loss. ENT & Audiology News, May/June issue, Vol 24, No 2, pp. 64-66. http://www.entandaudiologynews.com/

41. **Danesh**, A.A. & Kaf, W. (2015). Putting Research into Practice for Autism Spectrum Disorder. Hearing Journal. 68(1):26,28,30. http://journals.lww.com/thehearingjournal/Fulltext/2015/01000/Putting_Research_into_Practice for_Autism_Spectrum.5.aspx

42. **Danesh,** AA, Kaf, WA, Abdelhakiem, MK, Danesh, D & Scott, J. (2015). Auditory Manifestations and Intervention in Children with Autism Spectrum Disorders. Austin J Autism & Relat Disabil. 2015;1(1): 1005. http://austinpublishinggroup.com/autism/currentissue.php#

43. Nagashino, K., Kinouchi, Y., **Danesh**, A. A. & Pandya, S. (2014). A computational model for tinnitus generation and its management by sound therapy, International Journal of Biology and Biomedical Engineering, Vol. 8, pp. 191-196.

44. Nagashino, K., Kinouchi, Y., **Danesh**, A. A. & Pandya, S. (2014). Homeostatic plasticity and spike-time-dependent plasticity in computational modeling of tinnitus generation and its management by sound therapy, *Int J of Biology and Biomedical Engineering*, Vol. 8, pp. 6-14. http://www.naun.org/main/NAUN/bio/2014/a042001-289.pdf

Danesh, A., Sohne, H. & Pineyro, R. (2013). Ehlers- Danlos Syndrome and its Otologic and Audiologic Attributes. *MD-Medical Data* 2013; 5(4): 367-371.

www.md-medicaldata.com/files/10-MD-Vol%205%20No%204%20Danes%20Ali.pdf

45. Mahmoudian S, Farhadi M, Najafi-Koopaie M, Darestani-Farahani E, Mohebbi M, Dengler R, Esser KH, Sadjedi H, Salamat B, **Danesh** AA, Lenarz T. (2013). Central auditory processing during chronic tinnitus as indexed by topographical maps of the mismatch negativity obtained with the multi-feature paradigm. *Brain Res*

1527:161-73. http://www.ncbi.nlm.nih.gov/pubmed/23810454

46. Kaf, W. & **Danesh**, A. (2013). Distortion-product otoacoustic emissions and contralateral suppression findings in children with Asperger's Syndrome. *Int J of Ped Otolaryngol* 77(6):947-54 (2013). https://pubmed.ncbi.nlm.nih.gov/23562236/

47. Nagashino, K., Kinouchi, Y., **Danesh**, A. A. & Pandya, S. (2013).: Spike-time-dependent plasticity of excitation and inhibition in a neuronal network model for tinnitus relief with sound therapy, *Int J of Biology and Biomedical Engineering*, Vol. 6, Issue 3, pp. 165-173. http://www.naun.org/main/NAUN/bio/2010-100.pdf

48. Nagashino, H., Fujimoto, K., Kinouchi, Y., **Danesh**, A. A. & Pandya, S. (2012). Inhibition of Oscillation in a Neural Oscillator Model for Sound Therapy of Tinnitus. *Int J of Modeling and Simulation,* Vol. 32, Issue 4, pp.279-285. http://www.actapress.com/Abstract.aspx?paperId=43130

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50. Nagashino, H., Kinouchi, Y., **Danesh**, A. A. & Pandya, S. (2012). A plastic neuronal network model with STDP for tinnitus management by sound therapy, *Int J Math Models and Methods in Appli Sci, Vol. 6,* Issue 1, pp. 90-97. http://www.naun.org/journals/m3as/17-401.pdf

51. Manchaiah, V.K.C., Zhao, F., **Danesh**, A.A. & Duprey, R. (2010). The genetic basis of auditory neuropathy spectrum disorder (ANSD). *Int. J. Pediatr. Otorhinolaryngol* 75:151-158 http://www.ncbi.nlm.nih.gov/pubmed/21176974

52. Nagashino, H., Kinouchi, Y., **Danesh**, A. A. & Pandya, S. (2010). A neural oscillator model for tinnitus and its management by sound therapy. *Int J of Modern Eng, Vol. 11*, No. 1, pp. 58-66. http://www.ijme.us/issues/fall2010/IJME_Vol11_N1_Fall2010%20(PDW%20final3).pdf

53. **Danesh**, A. (2010) Can Hearing Loss Influence Visual Processing? *ENT & Audiology News*. Best papers of the year section. Vol 19, No 5, page 82.

54. **Danesh**, A. A., Buemi, M. & Keintz, C. (2010) Neurofibromatosis: Audiologic and Genetic Manifestations. *Medical Data, Vol.2*, No 3, pp 215-218. http://www.md-medicaldata.com/files/md-07-217-220_neurofibromatosis_audiologic.pdf

55. **Danesh**, A. A., Cocchiola, E. & Pavlovic, M. (2010). Clinical Update: Hearing Loss and Advancements in Cochlear Hair Cell Regeneration. *Medical Data, Vol 2*, No 1. pp 25-28. . http://www.md-medicaldata.com/files/53-56_clinical_update.pdf

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57. Kaf, W. and **Danesh**, A. A. (2008) Air-Conduction Auditory Steady-State Response: Comparison of interchannel recording using two modulation frequencies. *J Am Acad Audiol (JAAA)* 19 (9) 696-707.

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59. Saul, R. and **Danesh**, A. (2003). Clinical Experience with a Dichotic Digit Test in the Assessment of Auditory Nervous System Integrity in Children. *Iranian Audiology*, 2.
60. **Danesh**, A. (2002). Target Probability and inter-stimulus interval: comparison of their effects on the amplitude of P300 AERP. *Iranian Audiology*, 1, 22-27.

61. **Danesh**, A. and Scott, J (2002). Distortion Product Otoacoustic Emission (DPOAE) findings in Children with Autism. *Kavosh in Audiology*, 1, 19-25.

Peer Reviewed Proceedings:

1. Nagashino, H., Kinouchi, Y., **Danesh**, A. & Pandya, A. (2015). A Computational Framework with Simplified Tonotopicity for Tinnitus Generation and Its Management by Sound Therapy, Proceedings of the 6th International Multi-Conference on Complexity, Informatics and Cybernetics, Orlando, USA, March 10-13, 2015, Vol. 1, pp.96-101.

2. Nagashino, H., Kinouchi, Y., **Danesh**, A. & Pandya, A. (2015). Simulation of tinnitus generation and its relief by sound therapy with a realistic time scale, in Advances in Biotechnology and Bioscience, Proceedings of the 6th International Conference on Bioscience and Bioinformatics, Dubai, UAE, February 22-24, 2015, pp. 9-16.

3. Matsuo, M., Nagashino, H., Kinouchi, Y., **Danesh**, A. & Pandya, A. (2013). A computational model for tinnitus generation and its management by sound therapy, Proceedings of 2013 Conference of Shikoku Branch of The Society of Instrument and Control Engineers, Takamatsu, Japan, November 29, 2013, pp. 161-163.
4. Nagashino, H., Kinouchi, Y., **Danesh**, A. & Pandya, A. (2013). A neuronal network model with simplified tonotopicity for tinnitus generation and its management by sound therapy, Mathematics and Computers in Biology & Biomedical Informatics, O. Owolabi, C. Carranca and A. N. Pisarchik Eds., Proceedings of The 6th International Conference on Biomedical Electronics and Biomedical Informatics, Baltimore, USA, September 17-19, 2013, pp. 22-27, 2013.

5. Nagashino, H., Kinouchi, Y., **Danesh**, A. & Pandya, A. (2013). A neuronal network model with STDP and homeostatic plasticity for tinnitus generation and its management by sound therapy, in Recent Researches in Medicine, Biology and Bioscience, Proceedings of the 4th International Conference on Biosciences and Bioinformatics,

Chania, Crete Island, Greece, August 27-29, 2013, pp. 134-139.

6. Nagashino, H., Kinouchi, Y., **Danesh**, A. & Pandya, A. (2013). A computational model with plasticity for tinnitus generation and its relief by sound therapy, Proceedings of the 24th IASTED International Conference on Modeling and Simulation, Banff, Canada, July 17-19, 2013, pp. 39-44.

7. Nagashino, H., Kinouchi, Y., **Danesh**, A. & Pandya, A. (2013). A neuronal network model with simplified tonotopicity for tinnitus generation and its relief by sound therapy, Proceedings of the 35th Annual International Conference of the IEEE-EMBS, Osaka, Japan, July 3-7, 2013, pp. 5966-5969, 2013.

8. Nagashino, H., Kinouchi, Y., **Danesh**, A. & Pandya, A. (2012). A Neuronal Network Model with Homeostatic Plasticity for Tinnitus Generation and Its Management by Sound Therapy. Proceedings of the 2012 IEEE EMBS CBES International Conference on Biomedical Engineering and Sciences. Langkawi, Malaysia, December 17-19, 2012, pp. 706-711. http://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=6498097

9. Nagashino, H., Kinouchi, Y., **Danesh**, A. & Pandya, A. (2012). A neuronal network model with plasticity of inhibition for tinnitus management by sound therapy, Advances in Mathematical and Computational Methods, M. Ilieseu and R. Prokop Eds., *Proceedings of the 14th WSEAS International Conference on Mathematical and Computational Methods in Science and Engineering*, Sliema, Malta, September 7-9, 2012, pp. 192-197. http://www.wseas.org/wseas/cms.action?id=807

10. Nagashino, H., Kinouchi, Y., **Danesh**, A. & Pandya, A. (2012). A neuronal network model with STDP for tinnitus and its management by sound therapy, *Proceedings of the IEEE-EMBS International Conference on Biomedical and Health Informatics*, Hong Kong and Shenzhen, China, 2-7 January 2012, pp. 428-431. http://bhi2012.embs.org/

11. Nagashino, H., Kinouchi, Y., **Danesh**, A. A. & Pandya, S. (2011). A neuronal network model with STDP for tinnitus management by sound therapy. Recent Advances in Applied & Biomedical Informatics and Computational Engineering in Systems Applications, *Proceedings of the Fourth WSEAS International Conference on Biomedical Electronics and Biomedical Informatics*, Florence, Italy, August 23-25, 2011, pp. 143-147.

12. Nagashino, H., Kinouchi, Y., **Danesh**, A. A. & Pandya, S. (2010). Inhibition of oscillation in a neuronal network model for tinnitus management by sound therapy. New Aspects of Applied Informatics, Biomedical Electronics & Informatics and Communications, *Proceedings of The 10th WSEAS International Conference on Applied Informatics and Communications And The Third WSEAS International Conference on*

Biomedical Electronics and Biomedical Informatics, Taipei, Taiwan, August 20-22, 2010, pp. 126-129.

13. Nagashino, H., Kinouchi, Y., **Danesh**, A., Pandya, A. (2009). Comparison of Neuronal Network Models for Tinnitus Management by Sound Therapy. *Proceedings of the 31st Annual International Conference of the IEEE EMBS*, Minneapolis, USA, September 2-6, 2009, Vol. 1, pp. 1545-1548. http://www.ncbi.nlm.nih.gov/pubmed/19963506

14. Nagashino, H., Kinouchi, Y., **Danesh**, A., Pandya, A. (2009). A neuronal network model with plasticity for tinnitus management by sound therapy. *International Federation for Medical and Biological Engineering (IFMBE) Proceedings, Vol.* 25/IX, pp. 76-79, World Congress on Medical Physics and Biomedical Engineering, Munich, Germany, September 7-12, 2009

15. Nagashino, H., Fujimoto, K., Kinouchi, Y., **Danesh**, A. A. & Pandya, S (2008). A neural network model for tinnitus management by sound therapy, *Proceedings of 2008 Annual Conference of Division of System and Information Science,* The Society of Instrument and Control Engineers (SICE), Himeji, Japan, pp. 529-530, November 26-28. (In Japanese)

16. Nagashino, H., Fujimoto, K., Kinouchi, Y., **Danesh**, A. , Pandya, A., & He, J. (2008). Oscillation and its Inhibition in A Neuronal Network Model for Tinnitus Sound Therapy. *Proceedings of the 30th Annual International Conference of the IEEE- EMBS*, Vancouver, Canada, August 20-24, 2008, pp. 311-314, 2008. http://www.ncbi.nlm.nih.gov/pubmed/19162655

17. Fujimoto, K., Nagashino, H., Kinouchi, Y., **Danesh**, A. A. & Pandya, S. (2007). Dynamical Property of a Plastic Neural Model for Tinnitus Therapy and Inhibition of Oscillation by Two Types of Noise Stimuli, *IEICE Technical Report, Vol.*107, No.154, pp.63-66, July 2007. (In Japanese)

18. Fujimoto, K., Nagashino, H., Kinouchi, Y., **Danesh**, A. A. & Pandya, S (2007). Dynamical properties of a plastic neural network model for tinnitus therapy and inhibition of oscillation using noise stimulus. *Conf Proc IEEE Eng Med Biol Soc*. 2007; 2007:2408-11. http://www.ncbi.nlm.nih.gov/pubmed/18002479

19. Fujimoto, K., Nagashino, H., Kinouchi, Y., **Danesh,** A. & Pandya, A. (2007). Inhibition of Oscillation in a Plastic Neural Network Model Using Noise Stimulus. *Proceedings of The 11th World Multi-Conference on systemics, Cybernetics and Informatics, Vol. IV*, pp.108-112, Orlando, July 2007.

20. Fujimoto, K., Nagashino, H., Kinouchi, Y., **Danesh**, A. A. & Pandya, S (2006).

Oscillation and Its Inhibition in a Neural Oscillator Model for Tinnitus, *Proceedings of the 28th IEEE-EMBS Annual International Conference*, pp.5547-5550, New York, Aug. 2006. http://www.ncbi.nlm.nih.gov/pubmed/17945908

21. Fujimoto, K., Nagashino, H., Kinouchi, Y., **Danesh**, A. A. & Pandya, S (2006). Analysis of a Neural Oscillator Model With Plasticity for Treatment of Tinnitus, *Proceedings of World Congress On Medical Physics and Biomedical Engineering*, Vol.14, pp.3413-3416, Seoul, Aug. 2006.

22. **Danesh**, A., Kinouchi, Y, Wener, D. & Pandya, A. (2003). Functional Imaging of Tinnitus: Seeing of the Unseeable. In V.Palade, R.J. Howlett and L.C. Jain (Eds.), *Proceedings of KES'2003 Seventh International Conference on Knowledge-Based Intelligent Information & Engineering Systems,* pp. 794-799, Berlin: Springer-Verlag.

Peer Reviewed Book Chapters:

1. **Danesh A**, Aazh H, Hall JW III (2025). Tinnitus and hyperacusis. In Audiology Diagnosis, 3rd ed. (Sam Atcherson, ed.). New York: Thieme.

2. **Danesh**, A.A. (2024). Assessment and Management of Tinnitus and Hyperacusis, Chapter 7. In: Overcoming Hearing Loss: From Drug Therapy to Cochlear Implant, Adrien Eshraghi (Ed). World Scientific, ISBN-10: 981128850X

3. Saul, R.S. & **Danesh**, A.A., Williams, D.F. (2012). The Auditory System. In: Williams, D. F. (Ed*). Communication Sciences and Disorders: An Introduction to the Professions*. New York: Psychology Press, Taylor & Francis Group. (pp. 241-273)

4. **Danesh**, A., Gould, H., Pandya, A. (2001). Response Source to Speech and Noise as Revealed by EEG-Based Tomograms. In Baba, N. Jain L.C., & Howlett, R.J. (eds) *Knowledge-Based Intelligent Information Engineering Systems & Allied Technologies*, pp 67-74. IOS Press: Ohmsha-Japan.

Peer Reviewed State Journals:

1. Andreassen, W. & **Danesh**, A.A. (2007). Tinnitus Management Outcomes Following Unilateral SSNHL. *Advocate, J Fl Acad Audiol*, Vol. 9, No.4. pp. 22-24.

BOOK(S):

1. Rahimi, F., **Danesh**, A.A, & Tale, M.R. (Eds). (2011). Auditory Evoked Potentials: Bases of Short Latency Evoked Potentials. *Sokhan-Gostar Publication, Mashad* (In Persian).
(This book was selected as the Book of The Year in the field of Medicine in Khorasan

Razavi Province in Iran, 2011*).*

MONOGRAPHS AND PUBLICATIONS FOR PROFESSIONAL ORGANIZATIONS:

1. **Danesh, A.A. (2015).** Paediatric Update Hypersensitivity in children with Autism spectrum disorder (ASD). ICH2 NEWS Issue 2, page 12. http://www.hyperacusisresearch.co.uk/ESW/Files/ICH2_Newsletter (Issue_2_Early_Online).pdf

2. **Danesh**, A. (2013). Vertigo, To Move or not to Move. *The Parklander*, January Issue, Page 100.

3. **Danesh,** A. & Cocchiola, E. (2010). Auditory Evaluation in Autism and Related Disabilities. *FAU CARD Newsletter*- Summer 2010 Issue, Page 2.

4. **Danesh**, A. (2009). Genetic Counseling, Connexin Genes, and the Role of the Audiologist: Interview with Ali A. **Danesh**, PhD *Published online www.audiology.org* http://www.audiology.org/news/interviews/Pages/20090917a.aspx

5. **Danesh**, A. A. (2006). Tinnitus: is there a cure for it? *Bulletin of Iranian American Medical Association, Vol. 10,* No 27-28 p. 58.

6. **Danesh**, A. (2003). Tinnitus and Its Management: Clinical Update. *MD news*, February issue. Palm Beach County Edition.

7. **Danesh**, A. (2002). Mis-Match Negativity (MMN) in Tinnitus. *Published online at the Ask the Expert section*: http://www.audiologyonline.com/audiology/newroot/askexpert .

8. Smedley, T.C., and **Danesh**, A.A. (1995). Effects of Target Probability and Interstimulus Interval on the Amplitude of P300 AERP, Abstract, *ASHA, 37*, p. 58.

9. **Danesh**, A.A. (1992). Nonoccluding Earmolds. *The Journal of Audiology*, 1, Tehran Medical Sciences University. (In Persian)

10. **Danesh**, A.A. (1992). Hearing Aids. In Abdi, S. (ed.) *Clinical Audiology Conferences*, Amiralam Hospital, Department of Otolaryngology, Tehran Medical Sciences University. (In Persian)

11. **Danesh**, A.A., & Gooraby, M. (1989). Value of Masking, A case report. *Bulletin of Rehabilitation*, Publication office of The School of Rehabilitation Sciences. (In Persian)

12. **Danesh**, A.A. (1987). Prosthetic Management of Tinnitus, Seminar for Bachelor of Science degree in Audiology, Department of Audiology, School of Rehabilitation

Sciences, Iran Medical Sciences University. (In Persian)

13. **Danesh**, A.A. (1986). Tinnitus & Relief. *Bulletin of the Department of Audiology*, Publication office of The School of Rehabilitation Sciences. (In Persian)

14. **Danesh**, A.A. (1986). Earmold and its Technology. *Bulletin of the Department of Audiology*, Publication office of The School of Rehabilitation Sciences. (In Persian)

FUNDED/ APPLIED FOR FUNDING RESEARCH & GRANT APPLICATIONS:

1. **Danesh**, A., Alvarez, C, Pelah, A., Espinosa, P. & DeDonno, M. (2025) The Interplay of Sensory and Cognitive Systems: Understanding Memory Decline Associated with Normal Aging and Mild Cognitive Impairment (MCI) Using Vestibular and Auditory Measures. The Institute for Human Health and Disease Intervention (I-HEALTH) and the Stiles-Nicholson Brain Institute (SNBI). Funded, ($25000).

2. **Danesh**, A., Alvarez, C, Pelah, A., Espinosa, P & Kunapinun, A. (2025). The Role of Vestibular Function in Linking Motor and Cognitive Symptoms in Parkinson's Disease I-SENSE FY 26 Seed Funding Opportunity, College of Engineering, Florida Atlantic University (Submitted).

3. **Danesh**, A., Alvarez, C, Pelah, A., Espinosa, P & Kunapinun, A. (2025). The Role of Vestibular Function in Understanding Hearing Loss & Cognitive Impairment in Dementia. FAU ORD Limited Submissions Grant: Ed & Ethel Moore funding opportunity (Submitted).

4. Alvarez, C. & **Danesh**, A. (2025). The Role of Vestibular & Auditory Biomarkers in Balance Impairment and Cognitive Decline in Parkinson's Disease (PD) and Alzheimer's Disease (AD) PA-25-422: Ruth L. Kirschstein NRSA Individual Predoctoral Fellowship (Parent F31). (Submitted)

5. **Danesh**, A., Alvarez, C, Pelah, A., Espinosa, P & Kunapinun, A. (2025). Multimodal Biomarkers of Cognitive Decline: Integrating Vestibular, Auditory, and Cardiovascular Assessment in Aging and Dementia American Hearing Research Foundation (AHRF) Discovery Grant (Submitted).

6. Richard Shih, Mike Wells, Ali A**. Danesh**, and Abhijit Pandya (2024). Machine Learning-Driven Smart Technology to Provide Clinicians Individualized Pharmacogenetic Based Precision Prescribing Recommendations. Seed Grant, SMART HEALTH Grant, College of Engineering, FAU ($25000, Funded).

7. Adar Pelah, Safiya George Dalmida, Debarshi Datta, Hari Kalva, Ali A. **Danesh** & David Newman (2024). Machine Learning Analysis & Assessment of a Non-invasive Intervention in Long COVID. Seed Grant, SMART HEALTH Grant, College of Engineering, FAU ($25000, Funded).

8. **Danesh**, AA. (2023). Hearing, Tinnitus, Balance Research Laboratory (HTBRL) equipment grant support from Cognivue ($9600 for two years, Funded).

9. The REAM Foundation, Misophonia Research Fund Award Proposal Title: Development and Validation of the First Pediatric Structured Clinical Interview for Decreased Sound Tolerance (I-DST) PI: Carson, Tana Role: Consultant $500,000 (waiting for the decision)

10. **Danesh**, AA, Graves, S., Chowdhary, S. & Pandya, A. (2022). TUNAA: Telehealth Use of a Nystagmus Analyzer Algorithm. Seed Grant, SMART HEALTH Grant, College of Engineering, FAU ($21000, Funded).

11. **Danesh**, AA. (2021). Hearing, Tinnitus, Balance Research Laboratory (HTBRL) support grant from the Edith Abramson Clayman Family Philanthropic Fund ($10000, Funded).

12. **Danesh**, AA. (2020). Hearing, Tinnitus, Balance Research Laboratory (HTBRL) equipment grant support from Cognivue ($4500, Funded).

13. **Danesh**, AA. (2020). Hearing, Tinnitus, Balance Research Laboratory (HTBRL) support grant from the Saul and Theresa Esman Foundation ($10000, Funded).

14. Graves, B. Sue (PI), **Danesh**, AA, Pandya, A & Pelah, A. (2020). Artificial Intelligence and Virtual Reality for Technology Engagement in Exercise & Medicine. Seed Grant, College of Engineering, FAU ($25000, Funded).

15. **Danesh,** AA & Mannino, M (2020). tDCS and tVNS stimulation for Misophonia. REAM foundation (not funded).

16. **Danesh,** A**.** (2020). Balance Research grant from the Let's Have a Smile Foundation ($50000, Funded).

17. **Danesh,** A**.** (2020). Tinnitus Research grant from The Blakeley Foundation ($10000, Funded).

18. **Danesh,** AA & Mannino, M (2019). tDCS and tVNS stimulation for Misophonia. REAM foundation (Not funded but had a good review).

19. **Danesh,** A**.** (2018). Tinnitus Research funding from Walter and Lucille Rubin Foundation ($25000, Funded).

20. **Danesh,** A**.** (2017). Tinnitus Research funding from Walter and Lucille Rubin Foundation ($25000, Funded).

21. Eshraghi, A. et al. (2017). Developing effective novel interventions for Autism Spectrum Disorder patients. Grant submitted to U-Link (University of Miami Laboratory for Integrative Knowledge) request for Phase I (Developmental Applications for Innovative Interdisciplinary Research Projects. (Role: Co-Investigator)

22. Danesh, A & Mannino, M. (2016). Measuring and Demonstrating Efficacy and Safety of NERVANA Headphones Using Transcutaneous Vagus Nerve Stimulation: A Pilot Study. (Not funded, NERVANA, Inc).

23. **Danesh**, A. & Keintz, C. (2012). Healthy Aging Research Initiative (HARI) seed grant. *Healthy Aging of Human Communication*. (Funded, $2500)

24. Large, E. & **Danesh**, A. (2012). FAU College of Science Grant Award. *Understanding the Central Auditory System: Dynamics of Normal and Abnormal Percepts.* (Funded, $10000).

25. **Danesh**, A. (2012). FAU College of Education Grant Award. *Acquisition of Neuroscan system for Auditory Neuroscience at Florida Atlantic University* (2012) (Funded $4176 for 64 channel EEG electrocap)

26. Nagashino, H., Akutagawa, A., Emoto, E., **Danesh**, A. & Pandya, P. (2012) Japan Society of Promotion of Science (JSPS). *Analysis of plastic brain activities by EEG measurement and mathematical models*. . Grant-in-Aid for Scientific Research #24560498 (Funded in Japanese Yen equivalent to ~$36000 per PI)

27. Large, E., **Danesh**, A. & Kraus, N. (2011). FAU Division of Research Grant. *Understanding the Central Auditory System: Dynamics of Normal and Abnormal Perception*. (not funded).

28. Large, E. (PI) & **Danesh**, A. (Co-PI) (2011). National Science Foundation (2011). *MRI: Acquisition of Neuroscan system for Auditory Neuroscience at Florida Atlantic University.* (not funded).

29. Ouslander, J. & Tappen, R. (2010) Research Collaborator: **Danesh**, A. FAU Research Theme proposal "*Healthy Aging Research Initiative*". The proposal was awarded and selected as a Research Priority Area for Florida Atlantic University. ($150,000, Funded).

30. **Danesh**, A. Pandya, A. (2010). FAU Research Theme proposal "*Aging Auditory and Vestibular Systems*". The proposal was selected as one of the top ten Research Priority

Proposal at Florida Atlantic University. (not funded).

31. Huang, S., Pavlovic, M. & **Danesh**, A. *Autism Treatment Software*, National Institute of Health (2010). (not funded).

32. **Danesh**, A., Pavlovic, M. & Pandya, A. Autism Speaks,: *Effects of Iodine on Neural Integrity of Individuals with Asperger's Syndrome: An Electrophysiological Study* (2009) (not funded).

33. **Danesh**, A., Pavlovic, M. & Pandya, A Army Division *Idea* Award: *Electrophysiological responses to linguistic and non-linguistic stimuli as a measure of impaired communication in individuals with Asperger's Syndrome (AS)* (2009) (not funded).

34. Nagashino, H., Akutagawa, **Danesh**, A. & Pandya, A. (in Japanese).Japan Society for the Promotion of Science (JSPS). *Analysis of auditory activities in the brain using electroencephalogram measurement and computational models* (2009) . Grant-in-Aid for Scientific Research #21560429 (Funded in Japanese Yen equivalent to ~ $36000 per PI).

35. Elias, M. et al. *Center of Excellence in Healthcare Technologies*, College of Engineering **Danesh**, A. Research Collaborator (Topic: *Preventing hearing loss*)

36. Elias, M. et al. Earmark proposal, **Danesh**, A. Research Collaborator (Topic: *Early Intervention for Speech, Language, and Hearing Disorders)* (2008)

37. Zhu, X, Ph.D. (PI) *NSF REU* (Research for Undergraduate Students Grant). **Danesh**, A. Research Collaborator (2008).

38. Large, E. & **Danesh**, A.A. National Institute of Health, R21 grant:, *A dynamical Model of Abnormal Auditory Percepts* (2006). (application not funded)

39. Large, E. & **Danesh**, A.A Tinnitus Research Consortium: *A Mathematical Model for Tinnitus: Theory to Experiment* (2006). (application not funded)

40. **Danesh**, A.A .Florida Atlantic University, College of Education Faculty Seed Grant: *Effects of Tinnitus on Auditory Processing* (2005). (Funded, $5000).

41. **Danesh**, A.A. & Large, E. Florida Atlantic University, Center for the Study of Neurological Disabilities:, *Study of Central Auditory System in Individuals with and without Tinnitus* (2005). (application not funded)

42. **Danesh**, A.A. & Pandya, A. Florida Atlantic University, Center for the Study of Neurological Disabilities:, *Neurological attributions of Efferent Auditory Pathway in*

Individuals with Tinnitus (2005). (application not funded)

43. **Danesh**, A.A. & Fuchs, A. American Tinnitus Association:., *Residual Inhibition: Can it be Re-Discovered by fMRI?* (2002). (application not funded)

44. **Danesh**, A.A. & Wener, D. Tinnitus Research Consortium:, *Contralateral Suppression of OAEs in a Group of Normal Hearing to Mildly Hearing Impaired Individuals with Bilateral or Unilateral Tinnitus*. (2002). (application not funded)

45. **Danesh**, A.A. American Academy of Audiology: *Contralateral Suppression of OAEs in a Group of Normal Hearing to Mildly Hearing Impaired Individuals with Bilateral or Unilateral Tinnitus*. (2002). (application not funded)

46. **Danesh**, A.A., and Fuchs, A., Tinnitus Research Consortium: *Imaging Unusual Types of Tinnitus: An fMRI Investigation*. (2002). (application not funded)

47. **Danesh**, A. et al**.** National Institute of Health, *Shared Instrumentation Grant, NEUROSCAN SYSTEM*, in collaboration with The Center of Complex Systems and Brain Sciences and the University of Miami (2001) (application not funded)

48. **Danesh**, A. Office of Sponsored Research, Florida Atlantic University: *Effects of Stimulus on Latency and Amplitude of P300 Auditory Event-Related Potential.* (2000). (Funded, $3000)

PRESENTATIONS/PUBLISHED ABSTRACTS/POSTERS

(From Peer Reviewed State/National/International Presentations, poster or oral presentations):

1. Claudia Alvarez, Mari Del Carmen Moleon Gonzalez, Allison Dobuler, Tia D. Duhaney, Ayah Ibrahim and Ali A. **Danesh** (2026). An Investigation on Vestibular, Cognitive, and Auditory Biomarkers in Parkinson's Disease, Poster Presentation, Annual Convention of the American Academy of Audiology, San Antonio, TX, April 22-26.
2. Ali A. **Danesh**, Isaac Elijah, Hannah Mendez, James T. Burns, Romina Farfan, Harlee Atkins, Kelly Jones, Farzon Danesh, Taylor A. Morales and Nicholas Postell (2026). Interaction between Cognitive Decline and Vestibular Dysfunction. Annual Convention of the American Academy of Audiology, San Antonio, TX, April 22-26.
3. Taylor A. Morales, Romina Farfan, Patricia Gaffney, Ali A. **Danesh** (2026). Clinician Insights and Evidence Supporting the Use of Repositioning Maneuvers. Annual Convention of the American Academy of Audiology, San Antonio, TX, April 22-26.
4. **Danesh**, A. (2026). Bimodal Neuromodulation and Tinnitus Management: Is this the path

for the future? Department of Linguistics, Audiology Division, Faculty of Medicine University of Macquaire, Sydney, Australia

5. **Danesh**, A. (2026). Tinnitus and Bimodal Neuromodulation: Can Neuroplastic Changes in Brain Help Tinnitus Patients? Department of Audiology, University of Auckland, New Zealand
6. **Danesh**, A. (2025). Misophonia Accommodations in a College or University Setting. Invited Speaker, Virtual Presentation, International Misophonia Foundation
7. **Danesh**, A. (2025). The Future of Audiology followed by the: Audiological Management of Tinnitus. Invited Speaker, Virtual Presentation, Audiology Student Seminar IUMS
8. Alvarez, C & **Danesh**, AA (2025) Bridging the Gap Between Motor & Non-Motor Symptoms in Parkinson's Disease using Vestibular Measures. Poster Presentation at Society for Neuroscience (SfN) San Diego, CA.
9. Moleón MdC, Parra-Perez A.M, Bernal-Robledano A., Perez-Carpena P, Lopez-Escamez JA, & **Danesh** AA. Restoring Balance in Extreme Tinnitus: Results of an Intensive Sound and Counseling Program. A pilot clinical study (Nov 2025). Poster Presentation. Florida Combined Otolaryngology Meeting, Naples, FL.
10. Moleón MdC, Parra-Perez A.M, Bernal-Robledano A., Perez-Carpena P, Lopez-Escamez JA, & **Danesh** AA. (Nov 2025). Genomic Insights into Early-Onset Sporadic Menière's Disease: Clinical and Molecular Evidence from a Trio-Based WGS Study Poster Presentation. Florida Combined Otolaryngology Meeting, Naples, FL.
11. Elijah, I., Burns, J., Mendez, H., Willman, G., DeDonno, M., & **Danesh**, A. Impact of Central and Vestibular Dysfunction on Cognitive Decline and Performance (Nov 2025). Poster Presentation. Florida Combined Otolaryngology Meeting, Naples, FL.
12. **Danesh**, AA. Collaborative Otologic-Audiologic Tinnitus Management (Invited Speaker), Tinnitus Panel, Michael Seidman, MD, Moderator, (Nov 2025). Florida Combined Otolaryngology Meeting, Naples, FL.
13. **Danesh**, AA. Neurobiology and Management of Misophonia (Invited Speaker) (Nov 2025). Florida Combined Otolaryngology Meeting, Naples, FL.
14. **Danesh**, A.A. (August 2025). Decreased Sound Tolerance Disorders in the ASD Population, International Association of Communication Sciences and Disorders, 33rd World Congress of ILAP, August 28, 2025, Malta. https://ialpmalta2025.org/program/
15. **Danesh**, AA, (2025). Management of Hyperacusis. Invited Speaker. Department of Audiovestibular Medicine, Ain Shams University. Cairo, Egypt, April 2025.
16. **Danesh**, AA, (2025). Audiological Management of Hyperacusis. Featured Session and Invited Speaker. Annual Convention of the American Academy of Audiology (AAA). New Orleans, LA, March 2025.
17. **Danesh**, AA, Chan, E, Barvo, C., Danesh, F., Farfan, R., Atkins, H, & Jones, K. (2025). Expansion of the Sensation, Emotion & Cognition (SEC) Model for Tinnitus Management with the use of Guided-iCBT. Poster Presentation. Annual Convention of the American Academy of Audiology (AAA). New Orleans, LA, March 2025.
18. **Danesh,** AA (2025). Tinnitus Diagnosis and Management: A Global Approach. Annual Convention of the Speech and Hearing Association of Alabama (SHAA), Invited Speaker. Birmingham, AL, Feb 2025.

19. **Danesh,** AA (2025). Uncovering the Mysteries about Misophonia and How to Manage it! Annual Convention of the Speech and Hearing Association of Alabama (SHAA), Invited Speaker. Birmingham, AL, Feb 2025.
20. **Danesh**, AA, Kaplan, J, Barvo, C, Poitevien, T. & Pelah, A. (2024). Balance and Memory Characteristics in Individuals with Parkinson's Disease. Poster presentation, Annual meeting of American Speech, Language and Hearing Association, Seattle, WA. December 5-7.
21. **Danesh**, A. Tinnitus and Bimodal Stimulation: How the brain changes its response to tinnitus? (Invited Speaker) (Nov 2024). Florida Combined Otolaryngology Meeting, Boca Raton, FL.
22. Aazh, H., Moore, BCJ, Willman, G. & **Danesh**, A. (NOV 2024) Severity of Tinnitus in the United Kingdom Before and During the COVID-19 Pandemic. Poster Presentation. Florida Combined Otolaryngology Meeting, Boca Raton, FL.
23. Aazh, H., Taylor, L, Moore, BCJ, Elijah, I. & **Danesh**, A. (NOV 2024). A New Approach to Managing Tinnitus: A Preliminary Analysis of the Effectiveness of a Virtual CBT Program. Poster Presentation. Florida Combined Otolaryngology Meeting, Boca Raton, FL.
24. **Danesh**, A. (2024). Hyperacusis and Misophonia in the ASD Population. Invited Speaker. The 7th International Conference on Hyperacusis and Misophonia (ICHM7). Warsaw, Poland September 2024.
25. **Danesh**, A. (2024). Outcomes of a Comprehensive Audiological Tinnitus Management Protocol by Addressing Sensation, Emotion and Cognition. World Congress of Audiology. Paris, France, September 2024.
26. **Danesh**, A. (2024). Misophonia: Exploring its Underlying Neurophysiologic, Genetic and Audiologic Factors and How to Manage it. Invited Speaker. Annual Convention of Florida Academy of Audiology, Orlando Florida August 2024.
27. **Danesh**, A. (2024). A Practical Tinnitus Management Protocol by addressing the Principles of Sensation, Emotion and Cognition (SEC). Invited Speaker. Annual Convention of Florida Academy of Audiology, Orlando Florida August 2024.
28. **Danesh**, A. (2024). Tinnitus Management using the Principles of Sensation, Emotion and Cognition (SEC). Invited Speaker. Middle East Otolaryngology. April 2024. Dubai, UAE.
29. **Danesh**, A. (2024). Remote Screening for Vestibular Disorders by an AI Algorithm Invited Speaker. Middle East Otolaryngology. April 2024. Dubai, UAE.
30. **Danesh**, A. (2024). Pathophysiology of Hyperacusis and other Classes of Decreased Sound Tolerance Disorders. Invited Speaker. Middle East Otolaryngology. April 2024. Dubai, UAE.
31. **Danesh**, A. (2024). Audiological Management of Tinnitus by Addressing Sensation Emotion and Cognition. Virtual Lecture for the 55th Mid-South Conference on Communicative Disorders. February 29th 2024. Memphis, TN.
32. **Danesh**, A., Barvo, C., Atkins, H and Danesh, F. (2024). Got a SEC? Introducing the Sensation, Emotion & Cognition (SEC) Model for Tinnitus Management. Poster presentation. Annual American Audiology Convention. April 17-19 2024, Atlanta, GA.

33. **Danesh**, A & Mohamad, A. (2024) Hyperacusis Diagnosis and Management in the ASD Population. Presented at the13th Emirates Otorhinolaryngology Audiology Swallowing & Communication Disorders Congress, Dubai, UAE (Presented by Dr. A. Mohamed) https://www.emiratesrhinologyandotology.ae/audiology-program.php
34. **Danesh**, A. (2023). Auditory Neuroplasticity, Adaptability and Acclimatization: Why Neuroscience Matters to Audiologists? Invited Speaker (virtual). 19th Iranian Congress of Audiology. Dec 5-7, 2023. Tehran, Iran. https://iranaudiology.ir/uploads/19th_congress/19th_congress_program.pdf
35. **Danesh**, A. (2023) Tinnitus and Hyperacusis Management: Claim your territory! Invited Speaker (virtual). 19th Iranian Congress of Audiology. Dec 5-7, 2023. Tehran, Iran. https://iranaudiology.ir/uploads/19th_congress/19th_congress_program.pdf
36. **Danesh**, A. (2023) Remote Vestibular Assessment and Care: Employing Algorithms to Analyze Nystagmus. Invited Speaker (virtual). 19th Iranian Congress of Audiology. Dec 5-7, 2023. Tehran, Iran. https://iranaudiology.ir/uploads/19th_congress/19th_congress_program.pdf
37. **Danesh,** A. (2023). Remote Screening for Nystagmus and Benign Paroxysmal Positional Vertigo (Invited Speaker). SMART Health. College of Engineering and Computer Sciences, Florida Atlantic University.
38. Pelah, A. Adelman, A. Balash, J. Mitchell, X. Chen Cai, Z. Starkey, S. Shah, W. Tam, E. Barenholtz, G. Fields, X. Levy, A. **Danesh** (2023). A Gait Analysis Pilot Study on Vestibular Dysfunction in Post COVID patients. Virtual oral presentation delivered at: 1st International Vestibular and Balance Disorder Conference; November 29-30, 2023; Universiti Sains Malaysia.
39. **Danesh**, A. Updates on the ENT-Medical Audiology Approach to Tinnitus (Invited Speaker) (Nov 2023). Florida Combined Otolaryngology Meeting, Orlando, FL.
40. Balash, AM, Adelman, AE & **Danesh**, A. Hyperacusis in Autism Spectrum Disorders: A Case Study (Nov 2023). Poster Presentation. Florida Combined Otolaryngology Meeting, Orlando, FL.
41. Pelah, A, Adelman, AE, Balash, AM, Mitchel, J, Chen Cai, X, Starkey, Z, Shah, S, Tam, W, Barenholtz E, Fields, G, Levy, X & **Danesh**, A. Vestibular Dysfunction as a Manifestation of Long-COVID: A Gait Analysis Study (Nov 2023). Poster Presentation. Florida Combined Otolaryngology Meeting, Orlando, FL.
42. **Danesh**, A.A. (2023). Hyperacusis in Autism Spectrum Disorders. Invited Speaker, Tinnitus UK. September 26 2023, Virtual Presentation. London, UK.
43. **Danesh,** A.A. (2022). Underlying Pathologies of Hyperacusis and other Decreased Sound Tolerance Disorders. Invited Speaker, 2nd International Congress of Tinnitus and Hyperacusis in, Monterrey, Nuevo León, Mexico.
44. **Danesh,** A.A. (2022). An Update on a Decade of Research on Tinnitus, Hyperacusis and Misophonia: An International Collaborative Effort. Invited Speaker, 2nd International Congress of Tinnitus and Hyperacusis in, Monterrey, Nuevo León, Mexico.
45. **Danesh,** A.A. (2022). Audiologic Management of Tinnitus and Decreased Sound Tolerance Disorders. Invited Speaker, 2nd International Congress of Tinnitus and Hyperacusis in, Monterrey, Nuevo León, Mexico.

46. **Danesh,** A.A. (2022). Use of iCBT (internet-based Cognitive Behavioral Therapy) for Tinnitus: How to Implement it in Our Daily Practice? Invited Speaker, 2nd International Congress of Tinnitus and Hyperacusis in, Monterrey, Nuevo León, Mexico.
47. **Danesh,** A.A. (2022). Hyperacusis Impact Questionnaire (HIQ) and Sound Sensitivity Symptoms Questionnaire (SSSQ). Invited Speaker, The 6th International Conference on Hyperacusis and Misophonia, London, UK.
48. **Danesh,** A.A. (2022). The Application of Sound Therapy in the Management of Hyperacusis and Misophonia. Invited Speaker, The 6th International Conference on Hyperacusis and Misophonia, London, UK.
49. **Danesh,** A.A. (2022). Internet-Based Cognitive Behavioral Therapy (iCBT) for Tinnitus by Audiologists. Invited Speaker, Florida Academy of Audiology Annual Convention, Orlando, FL.
50. **Danesh,** A.A. (2021). Genetics for Cochlear Implants in Cochlear Implants Online Educational Program from A to Z. Two workshop presentations for The Audiology Vestibular Science Academy Forum (15000 members).
51. **Danesh**, A.A. (2021). Audiologic Management of Tinnitus. Virtual invited lecture for Updates on Aural and Vestibular Rehabilitation, College of Medicine, Damas University.
52. **Danesh,** A.A. (2021). Management of a Severe Case of Tinnitus due to Ototoxicity: How to Utilize Modified CBT, Counseling, and Sound Therapy to Alleviate Tinnitus. Oral presentation, presented at the Annual Convention of the American Academy of Audiology, Virtual 2021. Tinnitus Grand Rounds. Christopher Spankovich, AuD, PhD session Moderator.

53. **Danesh**, A.A. (2020). Evaluation and Management of Hyperacusis and Misophonia (Decreased Sound Tolerance Disorders). Virtual invited lecture for the Missouri Academy of Audiology Scope of Practice Meeting.

54. **Danesh**, A.A. (2020). Audiologic Management of Misophonia. Virtual invited lecture for Florida Academy of Audiology, The Year of Best Practice.

55. **Danesh**, A.A. (2020). Tinnitus and its Management for THE Enthusiastic and Caring Clinicians! Virtual presentation. Invited Speaker and Moderator, July 11, 2020, Zoom virtual presentation for The Audiology Vestibular Science Academy Forum (15000 members).
56. **Danesh**, A.A., Hall, JW, Manchaiah, V, Scaglione, T, Marghzar, S, Kuzbyt, B., Crosby, N., & Aazh, H. (March 2020). Tinnitus: Where are we now in 2020. Oral presentation prepared for the Annual Convention of the American Academy of Audiology. New Orleans, LA. (Convention has been postponed due to COVID 19)

57. **Danesh, A.A.** (Feb 2020). Pathophysiology of Hyperacusis. Puerto Rico Academy of Audiology. Annual Convention, San Juan, PR.

58. **Danesh, A.A.** (Feb 2020). Tinnitus Management from an Audiology Perspective. Invited

Speaker. Puerto Rico Academy of Audiology. Annual Convention, San Juan, PR.

59. **Danesh**, AA (2020). Tinnitus: Why we should not say NO to our patients! Invited Speaker, Grand Rounds, Boca Raton Community Hospital. Boca Raton, FL.

60. **Danesh**, AA (2019). Accommodations for Students with Misophonia in Academic Settings. Misophonia Association Convention. Invited Speaker (online attendance), Denver, Colorado. https://misophonia-association.org/2019-convention-schedule/

61. **Danesh**, AA (2019). Misophonia at School (and College). Invited Speaker, Misophonia International, (online webinar attendance), moderated by Jennifer Brout. https://misophoniaeducation.com/product/workshop-misophonia-at-school/

62. **Danesh, AA**, Eshraghi, AA, Scaglione, T (2019). How to manage patients with tinnitus. Invited Speaker. French American Otolaryngology Meeting. University of Miami.

63. **Danesh,** A.A. (2019). Incorporating Tinnitus Services to your Practice. Invited Speaker, Annual Convention of Florida Academy of Audiology, Orlando, FL.

64. **Danesh,** A.A & Porcaro, C. (2019). Reasonable Adjustments (Accommodations) for Decreased Sound Tolerance Disorders in Academic Settings. Accepted for presentation at the Fourth International Conference on Hyperacusis/Mini seminar on Misophonia: Causes, Evaluation, Diagnosis and Treatment, July 2019, London, UK. https://hyperacusisresearch.co.uk/

65. **Danesh**, A.A., Aazh, H., Langguth, B. & Moore, BCJ (2019). The effects of Parental Mental Health in childhood in coping with tinnitus and hyperacusis in adulthood. Tinnitus Research Initiative Conference, Taipei, Taiwan.

66. **Danesh**, A.A., Hall, JW, Manchaiah, V, Scaglione, T, Marghzar, S, Kuzbyt, B., & Aazh, H. (March 2019). Tinnitus: Contemporary Matters, Management Strategies, and Case Studies. Oral presentation at the Annual Convention of the American Academy of Audiology. Columbus, OH.

67. **Danesh,** A.A. (2018). Hyperacusis and its Management. Invited Speaker, Annual Convention of Florida Academy of Audiology, Orlando, FL.

68. **Danesh**, A.A. (2018). Hyperacusis: Underlying pathologies and current state of our knowledge. eAudiology, Invited Seminar Presentation. American Academy of Audiology.

69. **Danesh**, A.A., Wasiuk, P., Marghzar, S & Eshraghi, A. (April 2018). Neural Correlates, Underlying Pathologies, and Clinical Case Studies in Hyperacusis. Annual Convention of

the American Academy of Audiology. Nashville, TN.

70. Porcaro, C.K., Alavi, E., Gollery, T., & **Danesh**, A.A. (November, 2017). Faculty Awareness of Misophonia and Receptivity to Provide Classroom Accommodations. Technical session presented at the American Speech-Language-Hearing Association Convention, Los Angeles, CA

71. **Danesh,** A.A (2017). Neural Correlates, Underlying Pathologies and Audiologic Characteristics of Hyperacusis. Invited Speaker, 3rd International Conference on Hyperacusis Causes, Evaluation, Diagnosis and Treatment, 6-7 July 2017, Guildford, UK.

72. **Danesh,** A.A (2017). Sound Tolerance Issues and other Auditory Manifestations in the Autism Spectrum Disorders. Invited Speaker, 3rd International Conference on Hyperacusis Causes, Evaluation, Diagnosis and Treatment, 6-7 July 2017, Guildford, UK.

73. **Danesh,** A.A (2017). Misophonia and Tinnitus: A tale of two cities. Oral presentation. XII International Tinnitus Seminar, 22-24 May, 2017, Warsaw, Poland.

74. **Danesh,** A.A., Kennett, S.E., Martin, J., Fulton, S., Hall III, J.W., & Atcherson, S.R. (2017, April 5-8). Grand Rounds: Adult Diagnostics. Invited featured session at the 2017 AudiologyNOW! Convention, Indianapolis, IN.

75. **Danesh,** A.A. (2017) Current Scientific Findings about Misophonia. Invited Speaker. Misophonia Association annual convention, Las Vegas, NV.

76. **Danesh**, A. A. (2016) Why Audiology? The joy of helping others! Oral presentation. 15th Iranian Congress of Audiology. May 17-19, 2016 Tehran, Iran.

77. **Danesh**, A. A. & Aazh, H. (2016) Hyperacusis: Underlying pathologies, neurophysiological correlates and its psycho-audiological management. Oral workshop presentation. 15th Iranian Congress of Audiology. May 17-19, 2016 Tehran, Iran.

78. Aazh, H. & **Danesh**, A. A. (2016). How to explain the underlying causes of bothersome tinnitus and hyperacusis for your patient? Oral workshop presentation. 15th Iranian Congress of Audiology. May 17-19, 2016 Tehran, Iran.

79. **Danesh**, A. A. (2016) Underlying Pathologies and Neural Correlates of Hyperacusis. Invited Speaker. Tinnitus Practitioners Association (TPA) Sound Sensitivity Conference at Sea. March 2016.

80. **Danesh**, A. A. (2016). Hyperacusis: Audiologic Manifestations, Neural Correlates and Underlying Pathologies. Invited Speaker. Department of Otolaryngology Grandrounds, Miller School of Medicine, University of Miami, April 7, 2016.

81. Naharci, M., **Danesh,** A.A., Keintz, C., Engstrom, G.,Tappen, R. & Ouslander, J. (2016). Correlations between self-reported hearing loss and frailty in four ethnic groups. Poster presentation. Annual Convention of the American Academy of Audiology, Phoenix, AZ, April 2016.

82. **Danesh**, A.A. Genetic aspects of sensorineural hearing loss. Oral Presentation. Audiology in Practice. Nov 8-10 2015, Tehran, Iran.

83. Nagashino, H., Kinouchi, Y., **Danesh**, A. & Pandya, A. (2015). A Computational Framework with Simplified Tonotopicity for Tinnitus Generation and Its Management by Sound Therapy, Proceedings of the 6th International Multi-Conference on Complexity, Informatics and Cybernetics, Orlando, USA, March 10-13, 2015.

84. Keintz, C., Singer, C., Newman, D., **Danesh**, A., Engstrom, G., Ouslander, O. Tappen, R. (2015). Dysphagia and Fatigue: Self-perceptions in Healthy Aging Adults. Annual ASHA convention, Nov 2015, Denver Colorado.

85. Nagashino, H., Kinouchi, Y., **Danesh**, A. & Pandya, A. (2015). Simulation of tinnitus generation and its relief by sound therapy with a realistic time scale, in Advances in Biotechnology and Bioscience, Proceedings of the 6th International Conference on Bioscience and Bioinformatics, Dubai, UAE, February 22-24, 2015.

86. **Danesh**, A. A. Misophonia and its audiologic management. Oral presentation. 14th Iranian Congress of Audiology. 19-21 May. 2015 Tehran, Iran.

87. **Danesh**, A.A. Gene therapy and hair cell regeneration for sensorineural hearing loss. Oral Presentation. 14th Iranian Congress of Audiology. 19-21 May 2015, Tehran, Iran.

88. Aazh, H, **Danesh**, A. & Mahmoudian, S. Sound Therapy for Tinnitus. Workshop presentation. 14th Iranian Congress of Audiology. 19-21 May 2015, Tehran, Iran.

89. *Singer, C., Keintz, C., **Danesh**, A., Engstrom, G., Ouslander, O. Tappen, R. (2014). Perceived Swallowing Disorders in Healthy Aging Individuals: Impact on Quality of Life, poster presentation, Annual ASHA convention, Nov 2014, Orlando, Florida.

90. Sohn, H. & **Danesh**, A. (2014). Building Connections: Medical Maladies & Communication Complications. Florida Association of Speech & Hearing Association. Oral Presentation, Annual Convention. Lake Buena Vista, FL. May 22-24, 2014.

91. Nagashino, H., Kinouchi, Y., **Danesh**, A. & Pandya, A. (2014). A computational model with simplified tonotopicity for tinnitus and its management by sound therapy. Poster Presentation. XI International Tinnitus Seminar, Berlin, Germany May 21-24, 2014.

92. Sheehan, T. & **Danesh**, A. (2014). Complex Tinnitus Cases- I've Tried It All, Now What? Oral Presentation at the Annual Convention of the American Academy of Audiology (AAA), Orlando, FL, March 2014.

93. **Danesh**, A., Keintz, C., Singer, C., Lieberman, M., Ouslander, J. & Tappen, R. (2014). The effects of Social Engagement and Self Awareness on Communication. Poster Presentation. Annual Convention of the American Academy of Audiology (AAA), Orlando, FL, March 2014.

94. Wilson, U. Kaf, W., Lichtenhan, J & **Danesh, A.** (2014). Sinusoidal ASSR is better than tone-burst evoked ABR for estimating low-frequency hearing thresholds. Submitted (accepted) to the Associative Research in Otolaryngology (ARO) midwinter meeting.

95. Keintz, C., **Danesh**, A., Singer, C., Ouslander, J. & Tappen, R. (2013). Perceived Voice Disorders in the Elderly and Impact on Social Interaction. Poster Presentation. Annual Convention of American Speech-Language & Hearing Association. Chicago, Nov 2013.

96. Nagashino, H., Kinouchi, Y., **Danesh**, A. & Pandya, A. (2013).: "A neuronal network model with simplified tonotopicity for tinnitus generation and its management by sound therapy" to BEBI2013 (6th WSEAS International Conference on Biomedical Electronics and Biomedical Informatics) Baltimore, USA, September 17-19, 2013.

97. **Danesh, A.** & Hall, J.W, III (2013). Tinnitus Technology Roundtable. Presentation at the 17th annual convention of the Florida Academy of Audiology, Orlando, FL, USA, August 6-8, 2013.

98. Kaf, W.A., Rafael, K., Ross, A. & **Danesh, A.** (2013). Binaural Interaction Component of Click ABR and 80-Hz ASSR in Normal-Hearing Adults", IERASG, New Orleans, LA, USA. June 2013

99. **Danesh, A.,** Nagashino, H. & Pandya, A. Neural Network Models of Sound Therapy for Tinnitus: Audiologic Perspectives. Poster presentation at the 25th annual convention of the American Academy of Audiology, Anaheim, CA, USA April 3-6, 2013.

100. Nagashino, H., Kinouchi, Y., **Danesh**, A. & Pandya, A. (2012). A neuronal network model with homeostatic plasticity for tinnitus generation and management by sound therapy, Proceedings of 2012 Shikoku-Section Joint Convention of the Institutes of Electrical and Related Engineers, Takamatsu, Japan, p. 254, September 29, 2012.

101. Nagashino, H., Kinouchi, Y., **Danesh**, A. & Pandya, A. (2012). A Neuronal Network Model with Homeostatic Plasticity for Tinnitus Generation and Its Management by Sound Therapy. IEEE EMBS CBES to be held in Langkawi, Malaysia, December 17-19, 2012.

102. **Danesh**, A & Eshraghi, A. (2012). *Otology and Audiology Case Studies*. Oral presentation to the Florida Academy of Audiology annual convention in St Augustine, FL, August 2012.

103. Eshraghi, A. & **Danesh**, A. (2012). *Neurotology and Audiology Case Studies*. Oral presentation to the Florida Academy of Audiology annual convention in St Augustine, FL, August 2012.

104. Nagashino, H., Kinouchi, Y., **Danesh**, A. & Pandya, A. (2012). A neuronal network model with plasticity of inhibition for tinnitus management by sound therapy. Submitted to MACMESE2012 (The 14th WSEAS International Conference on Mathematical & Computational Methods in Science & Engineering). Malta, September 7-9, 2012.
http://www.wseas.us/conferences/2012/Malta/macmese/

105. Nagashino, H., Kinouchi, Y., **Danesh**, A. & Pandya, A. (2012). A neuronal network model with STDP for tinnitus and its management by sound therapy, Proceedings of the IEEE-EMBS International Conference on Biomedical and Health Informatics, Hong Kong and Shenzhen, China, 2-7 January 2012, pp. 428-431.
http://bhi2012.embs.org/programme.php

106. Nagashino, H., Kinouchi, Y., **Danesh**, A . A. & Pandya, S. (2011). A neuronal network model with STDP for tinnitus management by sound therapy, Recent Advances in Applied &Biomedical Informatics and Computational Engineering in Systems Applications, Proceedings of The Fourth WSEAS International Conference on Biomedical Electronics and Biomedical Informatics, Florence, Italy, August 23-25.

107. Nagashino, H., Kinouchi, Y., **Danesh,** A. A. & Pandya, S. (2011). A computational model with plasticity for tinnitus and its management by external stimuli. The X International Tinnitus Seminar. Florianapolis, SC, Brazil. March 2011

108. **Danesh**, A.A. (2011) Superior Semicircular Canal Dehiscence, Diagnosis and Intervention. Invited Speaker 10th Congress on Audiology, April 23-26. Tehran-Iran.

109. **Danesh**, A.A. (2011) Update from the 10th International Tinnitus Seminar in Brazil. Invited Speaker 10th Congress on Audiology, April 23-26. Tehran-Iran.

110. **Danesh**, A.A. (2011) Auditory Characteristics in Autism Spectrum Disorders:

Evaluation and Intervention. Invited Speaker 10th Congress on Audiology, April 23-26. Tehran-Iran.

111. **Danesh**, A.A. (2010). Tinnitus: Seeing it, Assessing it, and Lessening it. Invited Speaker, Florida Speech , Language, and Hearing Association. FLASHA Convention. Orlando, FL.

112. Nagashino, H., Kinouchi, Y., **Danesh,** A. A. & Pandya, S. (2010). Improvement of a neuronal network model for tinnitus management process by sound therapy, Proceedings of 2010 Shikoku-Section Joint Convention of the Institutes of Electrical and Related Engineers, Matsuyama, Japan, p. 184, September 25, 2010.

113. **Danesh,** A.A. & Cocchiola, E. (2010). Auditory Traits and Audiologic Intervention for Autism Spectrum. Annual Meeting of the American Academy of Audiology, San Diego, CA.

114. Nagashino, H., Kinouchi, Y., **Danesh**, A. , Pandya, A. (2009). Comparison of Neuronal Network Models for Tinnitus Management by Sound Therapy. Presentation at IEEE Engineering in Engineering in Medicine and Biology Society. September 2-6, 2009 Minneapolis, MN.

115. Nagashino, H., Kinouchi, Y., **Danesh**, A**.**, Pandya, A. (2009). Inhibition of oscillation in a computational model for tinnitus and its management by sound therapy. The Third TRI Meeting "From Clinical Practice to Basic Neuroscience and Back - An international conference on Tinnitus", June 2^{4th} to 2^{6th}, 2009, Stresa, Italy.

116. **Danesh**, A.A., Andreassen, W**.,** Kaf, W. & Scott, J. (2009). Auditory complications in cases with Asperger's Syndrome. Poster accepted for presentation at the Twenty first Annual Convention of the American Academy of Audiology. Dallas, Texas, April 1-4 2009.

117. Nagashino, H., Kinouchi, Y., **Danesh,** A**.**, Pandya, A. (2009). A neuronal network model with plasticity for tinnitus management by sound therapy. World Congress, Medical Physics and Biomedical Engineering. September 7-12, 2009, Munich, Germany.

118. Nagashino, H., Fujimoto, K., Kinouchi, Y., **Danesh,** A**.** , Pandya, A., & He, J. (2008). Oscillation and its Inhibition in A Neuronal Network Model for Tinnitus Sound Therapy. Presentation at IEEE Engineering in Medicine and Biology Society "Personalized Healthcare through Technology", August 20-24, 2008, Vancouver, British Columbia, Canada

119. **Danesh**, A. A., Andreassen, W., Scott, J., Kaf, W., Bennett, K., Flood, B. (2008). Tinnitus and Hyperacusis in Autism Spectrum Disorders with Emphasis on Asperger's

Syndrome (AS). Oral presentation at the IXth International Tinnitus Seminars, Göteborg, Sweden, 15-18th of June 2008.

120. Nagashino, H., Fujimoto, K., Kinouchi, Y., **Danesh,** A. and Pandya, A. (2008). A computational model for tinnitus and its management by sound therapy. Poster presentation at the IXth International Tinnitus Seminars, Göteborg, Sweden, 15-18th of June 2008.

121. Kaf, W., **Danesh**, A. & Rahimi, F. (2008). Auditory Steady-State Response: Comparison of interchannel recording using 79 Hz and 39 Hz modulation frequencies. Oral Presentation at the 7th Iranian Congress of Audiology, May 22-24, Tehran-Iran.

122. Andreassen, W**.** & **Danesh**, A.A. (2008)Prevalence of Tinnitus and Hyperacusis in Individuals with Asperger's Syndrome (AS) poster presentation, Twentieth Annual Convention of the American Academy of Audiology. Carlotte, North Carolina (travel cancelled due to budget cut).

123. Hall, J.W., III & **Danesh**, A.A. (2007). Audiologic Assessment & Management of Tinnitus: Good News for a Bad Problem. The 11th Annual convention of Florida Academy of Audiology. St Petersburg, FL.

124. Nagashino, H., Fujimoto, K., Kinouchi, Y., **Danesh,** A**.** & Pandya, A. (2007). Dynamical Properties of a Plastic Neural Network Model for Tinnitus Therapy and Inhibition of Oscillation Using Noise Stimulus. Proceedings of the 29th Annual International Conference of the IEEE EMBS Cité Internationale, Lyon, France. August 23-26, 2007.

125. **Danesh,** A.A. (2007). Tinnitus: From computational models to clinical management. Workshop on Biomedical Signal Processing. The University of Tokushima, Tokushima, Japan (Invited speaker/ Featured talk).

126. **Danesh,** A**.**, Fujimoto, K., Nagashino, H., Kinouchi, Y. & Pandya, A. (2007). A Plastic Neural Network Model for Tinnitus Inhibition. Poster Presentation in Advances in Tinnitus Assessment, Treatment and Neuroscience Basis Conference, Grand Island, New York. June 22-24, 2007.

127. **Danesh**, A.A. & Andreassen, W. (2007). Sudden Hearing Loss: Audiological Diagnosis and Management. One hour oral lecture, Annual Convention of the American Academy of Audiology. Denver, Colorado.

128. Andreassen, W & **Danesh**, A.A. (2007). Tinnitus Management Outcomes Following Unilateral SSNHL poster presentation, Annual Convention of the American Academy of Audiology. Denver, Colorado.

129. Fujimoto, K., Nagashino, H., Kinouchi, Y., **Danesh,** A. & Pandya, A. (2007). Inhibition of Oscillation in a Plastic Neural Network Model Using Noise Stimulus, Proceedings of The 11th World Multi-Conference on systemics, Cybernetics and Informatics, Vol. IV, pp.108-112, Orlando, July 2007.

130. Fujimoto, K., Nagashino, H., Kinouchi, Y., **Danesh,** A. & Pandya, A. (2006) Oscillation and Its Inhibition in a Neural Oscillator Model for Tinnitus, *Proceedings of the 28th IEEE-EMBS Annual International Conference*, pp.5547-5550, New York, Aug. 2006.

131. Fujimoto, K., Nagashino, H., Kinouchi, Y., **Danesh**, A. & Pandya, A. (2006). Analysis of a Neural Oscillator Model With Plasticity for Treatment of Tinnitus, *Proceedings of World Congress On Medical Physics and Biomedical Engineering*, Vol.14, pp.3413-3416, Seoul, Aug. 2006.

132. Adachi, D., Araki, T., Fujimoto, K., Nagashino, H., Kinouchi, Y., **Danesh,** A. & Pandya, A: Inhibition of Oscillation by Noise in a Neural Network Model for Treatment of Tinnitus, *Journal of Shikoku-Section Joint Convention of the Institutes of Electrical and Related Engineers*, p.188, Sep. 2006.

133. Suzuki, R., Fujimoto, K., Nagashino, H., Akutagawa, M., Kinouchi, Y., **Danesh,** A. & Pandya, A. (2006). A Method of Analysis for alpha-wave in EEG under Tinnitus, *Journal of Shikoku-Section Joint Convention of the Institutes of Electrical and Related Engineers*, p.180, Sep. 2006.

134. Higashi, S., Fujimoto, K., Nagashino, H., Akutagawa, M., Kinouchi, Y., **Danesh,** A. & Pandya, A. (2006). Development of a Measurement System of EEG and Its Spectrogram, *Journal of Shikoku-Section Joint Convention of the Institutes of Electrical and Related Engineers*, p.181, Sep. 2006.

135. **Danesh,** A. (2005). Abiding residual inhibition in a case with chronic tinnitus. Oral Presentation. The 8th International Tinnitus Seminar. September 2005, Pau-France.

136. **Danesh,** A. & Wener, D. (2005). A multifactorial analysis of differences between unilateral and bilateral tinnitus. Oral Presentation. The 8th International Tinnitus Seminar. September 2005, Pau-France.

137. **Danesh,** A.A. & Anderson, B. (2004). Auditory Processing Disorders workshop from Diagnosis to Treatment. Palm Beach County and Martin County study group. Boynton Beach, FL (Invited Speaker).

138. **Danesh,** A.A. (2004). Tinnitus: Epidemiology, Pathology, and Management.

Cognitive Brown Bag Lecture Series, Dep of Psychology, Florida Atlantic University.

139. **Danesh**, A.A. (2004) A multidisciplinary approach to Tinnitus. One hour seminar. Florida Academy of Audiology annual meeting, August, Orlando, FL (Invited Speaker).

140. **Danesh**, A. A. (2004). Tinnitus: is there a cure for it? Iranian American Medical Association, 9th annual meeting, Miami, FL.

141. **Danesh**, A.A. (2004). Neuroaudiological Applications of Auditory Event-Related Potentials. Presented at the International Congress on Neurotology, Neuroaudiology & Skull Base Surgery, May 14-18, Tehran-Iran (Invited Speaker).

142. **Danesh**, A.A. (2004). Electrophysiological Aspects of Cranial Nerves Monitoring in Skull Base Surgeries. Presented at the International Congress on Neurotology, Neuroaudiology & Skull Base Surgery, May 14-18, Tehran-Iran.

143. **Danesh**, A.A. (2004). Tinnitus: Masking, Habituation, or Retraining? Presented at the International Congress on Neurotology, Neuroaudiology & Skull Base Surgery, May 14-18, Tehran-Iran.

144. **Danesh**, A.A. (2004). Cohort and Single Subject Study Designs. Presented at the International Congress on Neurotology, Neuroaudiology & Skull Base Surgery, May 14-18, Tehran-Iran.

145. **Danesh**, A. A. (2004) Anatomical and Functional Imaging of Tinnitus. 34th Midsouth Conference on Communicative Disorders. Memphis-Tennessee.

146. **Danesh,** A.A (2003). Functional Imaging of Tinnitus. One hour seminar. Presented at the Florida Association of Speech Pathologists and Audiologists, May 24, Marco Island, FL.

147. **Danesh,** A.A, Scott, J. (2003). DPOAE Findings in Children with Asperger's Syndrome. Poster Presentation. Presented at the Florida Association of Speech Pathologists and Audiologists, May 24, Marco Island, FL.

148. **Danesh,** A.A (2003). Anatomical and Functional Neuroimaging of Tinnitus. One hour seminar. Florida Academy of Audiology annual meeting, August, Fort Lauderdale, FL.

149. **Danesh**, A. A., Kinouchi, Y, Wener, D. & Pandya, A. (2003). Functional Imaging of Tinnitus: Seeing of the Unseeable. Submitted as an oral presentation to KES'2003 Seventh International Conference on Knowledge-Based Intelligent Information &

Engineering Systems 3, 4 & 5 September 2003 University of Oxford, UK.

150. **Danesh,** A.A. (2002). Neuroimaging of Tinnitus. The 4th Iranian Congress on Audiology, Tehran-Iran.

151. **Danesh,** A.A. (2002). Clinical and Research Applications of OAEs. The 4th Iranian Congress on Audiology, Tehran-Iran.

152. **Danesh,** A.A. (2002). OAE workshop. The 4th Iranian Congress on Audiology, Tehran-Iran.

153. **Danesh,** A.A., Fries, B., & Shahnaz, N. (2002) Otoacoustic Emission Findings in children with Asperger's Syndrome. International Neonatal Hearing Screening meeting, Milan-Italy.

154. **Danesh,** A.A., Scott, J. (2002) Contralateral Suppression of DPOAEs in children with Asperger's Syndrome. Poster presentation. American Academy of Audiology Convention, Philadelphia.

155. **Danesh**, AA. & Afarin, M. (2002). Contralateral Suppression of OAEs in a Group of Individuals with Bilateral or Unilateral Tinnitus. Poster presentation at the International Academy of Audiology Convention, Melbourne, Australia.

156. **Danesh**, A., Gould, H., Pandya, A. (2001). Response Source to Speech and Noise as Revealed by EEG-Based Tomograms. KES'2001 *Fifth International Conference on* Knowledge-Based Intelligent Information Engineering Systems & Allied Technologies (September 2001 Osaka-Kyoiku University, Osaka, Japan).

157. **Danesh,** A. (2001). Research in Audiology. Invited Speaker, Workshop Presentation. School of Rehabilitation Sciences, Iran University of Medical Sciences, Tehran, Iran.

158. **Danesh,** A. (2001). Auditory Event-Related Potentials (AERP). Invited Speaker, Workshop Presentation. School of Rehabilitation Sciences, Iran University of Medical Sciences, Tehran, Iran.

159. **Danesh,** A. (2001). Topographic Brain Mapping. Invited Speaker, Workshop Presentation. School of Rehabilitation Sciences, Iran University of Medical Sciences, Tehran, Iran.

160. **Danesh,** A. (2001). Advanced Hearing Aid Technology. Invited Speaker, Workshop Presentation. School of Rehabilitation Sciences, Iran University of Medical Sciences, Tehran, Iran.

161. **Danesh,** A. (2001). Auditory System and Speech Processing. Invited Speaker, Workshop Presentation. School of Rehabilitation Sciences, Iran University of Medical Sciences, Tehran, Iran.

162. **Danesh,** A. (2001). Global Aspects of Audiology: Questions and Answers . Invited Speaker. School of Rehabilitation Sciences, Shahid Beheshti University of Medical Sciences, Tehran, Iran.

163. **Danesh,** A. (2001). Topographic Brain Mapping 101. One-hour instructional course. American Academy of Audiology. San Diego, CA.

164. **Danesh,** A., Scott, Jack (2001). Otoacoustic Emission (OAE) findings in Children with Autism. Poster Presentation. American Academy of Audiology. San Diego, CA.

165. Jacobster, H. & **Danesh,** A. (2001). Efficacy of Chirp Stimuli to Obtain Frequency Specific ABRs. Poster Presentation. American Academy of Audiology. San Diego, CA.

166. **Danesh**, A., & Saul, R. (2000). Auditory Event-Related Potentials, Research and Clinical Applications. One Hour Oral Seminar, Florida Academy of Audiology, Coral Springs, FL.

167. **Danesh**, A., & Gould, H. (2000). Determination of Response Source to Speech and Noise as Detected by Low Resolution Electromagnetic Tomography Algorithm (LORETA). Poster Presentation , American Academy of Audiology, Chicago, Illinois.

168. Mahecha, N., **Danesh**, A., & Saul, R. (2000). CAPD/Language Asymmetries in Fraternal Twins. Oral Presentation, Florida Association of Speech-Language Pathologists and Audiologists, Spring Convention, Orlando, FL.

169. **Danesh** A., Gould, H., Rose, D., Buder, E., Mendel, M., & Ethington, C. (1999). Scalp Distribution of LAEPs to Speech and Noise, poster presentation, American Speech-Language and Hearing Association (ASHA) convention, San Francisco, CA, 1999.

170. **Danesh** A., Gould, H., Rose, D., Buder, E., Mendel, M., & Ethington, C. (1999). The N1 Response to Nonsense Syllables and Acoustically Similar Noise, oral presentation, XVIth International Evoked Response Audiometry Study Group Bennial Symposium Trompso, Norway.

171. **Danesh**, A. (1999). Topography of Late Auditory Evoked Potentials (LAEPs) to Linguistic and Non-Linguistic Stimuli, oral presentation, SSW Study Group held prior to

the annual convention of the American Academy of Audiology, Miami, FL 1999.

172. **Danesh** A., Gould, H., Rose, D., Buder, E., Mendel, M., & Ethington, C. (1999). Localization of Brain Activity Following Auditory Stimulation with Speech and Acoustically Similar Noise, poster presentation, Dynamical Neuroscience II conference, Delray Beach, FL.

173. **Danesh**, A.A., and Smedley, T.C. (1996). Effects of Target Probability and Interstimulus Interval on the Amplitude of P300 AERP, poster session, The 26th Mid-South Conference on Communicative Disorders, Memphis, TN.

174. **Danesh**, A.A., & Wark, D.J. (1996), Audiological Management of the Tinnitus Patient: A Model, poster session, The 26th annual Mid-South Conference on Communicative Disorders, Memphis, TN.

175. Smedley, T.C., and **Danesh**, A.A. (1995). Effects of Target Probability and Interstimulus Interval on the Amplitude of P300 AERP, poster session, ASHA annual convention, Orlando, Florida.

176. Gould, H, Pousson, M, **Danesh**, A., & Rose, D. (1995). Auditory Evoked Potentials exhibition. The 25th Mid-South Conference on Communicative Disorders, Memphis, TN.

SERVICE

Professional Affiliations and Responsibilities:

1) President, Florida Academy of Audiology (2013-2014)
2) President-Elect, Florida Academy of Audiology (2012)
3) Vice President of Education, Florida Academy of Audiology (2004-2008).
4) Member of American Speech-Language and Hearing Association (1997-present).
5) Member of American Academy of Audiology (1999-present).
6) Member of Florida Association of Speech Pathologists and Audiologists (1998-2005).
7) Member of Florida Academy of Audiology (1999-present).
8) Member of American Tinnitus Association (2000-present).
9) Member of Tinnitus Practitioners Association (2014-Present)
10) Member of American Auditory Society (2003-present).
11) Member of Iranian-American Medical Association (2004-present).
12) Member of International Audiology Society (2006-present)
13) Help Network Volunteer, American Tinnitus Association (2000- present)
14) Advisory Board Member, American Tinnitus Association (2009- present)
15) Member of International Tinnitus and Hyperacusis Society (2005-present)

EDITORIAL BOARD AND EDITORIAL REVIEWER:

1) Associate Editor for International Journal of Audiology (2019-present)
2) Editorial Board member, Audiology Research https://www.mdpi.com/journal/audiolres/editors (2021-present)
3) Review Editor for Frontiers in Audiology and Otology (2022-present)
4) Reviewer for American Journal of Audiology (ASHA)
5) Reviewer for Frontiers in Neuroscience (2020-present)
6) Reviewer for International Journal of Pediatric Otorhinolaryngology
7) Reviewer for Journal of American Academy of Audiology
8) Reviewed articles for Journal of Cerebral Blood Flow and Metabolism
9) Reviewed articles for The Journal of Neuroscience, The Official Journal of the Society for Neuroscience
10) Associate Editor, Iranian Audiology Journal. 2002-2010.
11) Editorial Board, Iranian Journal of Otolaryngology, 2012-present.
12) International Editorial Board Member, MD Medical Data, Republic of Serbia. http://www.md-medicaldata.com/index.html
13) Reviewed articles for The New Zealand Journal of Speech Therapy
14) Reviewer for Iranian Medical Journal (English)
15) Reviewer for International Journal of Audiology

GRANT REVIEWER:

1) National Health Services (NHS), National Institute for Health Research, United Kingdom, Post doc reviewer (2018)
2) Medical Research Council (MRC), United Kingdom, Post doc reviewer (2018)
3) National Science Foundation (NSF) (2009)
4) Pennsylvania Department of Health (2009)

RESEARCH PODIUM AND RESEARCH POSTER REVIEWER:

1) American Academy of Audiology annual Convention, Phoenix, AZ (2016)
2) American Academy of Audiology annual Convention, Nashville, TN (2018)

PUBLIC/COMMUNITY SERVICES:

1) Coordinator of campus-wide hearing screenings.
2) Coordinator of International Noise Awareness Day at FAU.
3) American Tinnitus Association, Help Network Volunteer, Palm Beach County, FL.
4) American Tinnitus Association, Advisory Board.
5) Coordinator of Tinnitus Awareness Day at FAU.

STUDENT-RELATED ACTIVITIES:

1) Advising (graduate and undergraduate)
2) Academic Advisor for Coung Nho student athletic club
3) Faculty advisor for FAU American Sign Language (ASL) Club
4) Volunteer advisor for the office of multicultural affairs.

LICENSE AND CERTIFICATION:

1) Certificate of Clinical Competence-Audiology, American Speech-Language and Hearing Association (ASHA) 1998-present.

2) Board Certified, American Board of Audiology, 2003-present.

3) Licensed Audiologist, state of Florida, 1999-present.

4) Licensed Audiologist, state of Tennessee, 1998.

AWARDS AND HONORS:

1) Researcher of the Year Award, College of Education. Florida Atlantic University (2021).
2) Researcher of the Year Award, College of Education. Florida Atlantic University (2018).
3) Scholar of the Year Award, College of Education. Florida Atlantic University (2016).
4) Distinguished Teacher of the Year Nominee, College of Education. Florida Atlantic University (2011).
5) Scholar of the Year Award, College of Education. Florida Atlantic University (2011).
6) Research Priority Proposal 2009-2010 Nominee. Ali A. **Danesh** (PI) and Abhi Pandya (CoPI) Project on the Aging Auditory and Balance Function in a Variety of Clinical Populations selected as one of the top ten proposals.
7) Fellowship award from the Deafness Research Foundation to attend Advanced Clinical Research Conference in Otolaryngology and Communication Sciences, Potomac, MD (2003).
8) Third place winner for poster presented at annual convention of Florida Association of Speech Pathologists and Audiologists (FLASHA), Marco Island, FL (2003). Poster title: DPOAE findings in Children with Asperger's Syndrome.
9) Teaching Incentive Program Award Recipient (2002) for outstanding and innovative teaching skills. Florida Atlantic University.
10) Professor of the Year (2002). Department of Communication Sciences and Disorders. NSSHLA chapter, Florida Atlantic University.
11) Grant award from the Office of Sponsored Research, Florida Atlantic University for research on the "Effects of Stimulus on Latency and Amplitude of P300 Auditory Event-Related Potential" (March, 2000).

12) Fellowship award for Electrophysiology research conference from American Speech-Language and Hearing Association (ASHA), Orlando, FL, 1995.
13) Second place winner of Graduate Research Forum in Life Sciences and Biomedical Engineering category, The University of Memphis, 1995.
14) Grant award from Office of Graduate School, Idaho State University for the research under the title of: Perception of Academic Interference from Tinnitus among University Students, 1993.

DISSERTATION/THESIS COMPLETED/IN PROGRESS:

1) Claudia Alvarez, Stiles-Nicholson Brain Institute, Neuroscience Program at FAU. Bridging the gap between motor and non-motor symptoms of Parkinson's Disease (2024-In Progress, Major advisor).
2) Kenton Macdowell, Center for Complex Systems and Brain Sciences, College of Science. FUNCTIONLA BRAIN CONNECTIVITY ASSOCIATED WITH REPETITIVE BEHAVIOR IN AUTISM SPECTRUM DISORDER. (2021) Doctoral Dissertation.
3) Cassidy Flechaus, Department of Communication Sciences and Disorders, College of Education. PERCEIVED QUALITY OF COMMUNICATION AND EFFECTIVENESS BEFPRE AND AFTER THE SPEAK OUT!® & LOUD CROWD® PROGRAM. (2021) Master's Thesis.
4) Rebecca Koszalinski, College of Nursing, Effect of the Use of Speak for Myself© With Voiceless Patients. College of Nursing, Florida Atlantic University. 2015
5) Saeid Mahmoudian, Medizinische Hochschule Hannover, Germany, Tinnitus Residual Inhibition By Means of Electrical/Acoustical Stimulations: An objective evaluation through topographic brain mapping of event related potentials for middle latency responses and mismatch negativity auditory responses, 2014.
6) Kristin Patton, The self-regulation of a child with cochlear implants within a school environment. College of Education, Florida Atlantic University. 2014.
7) Jamie Heidenreich, Communication Sciences and Disorders, Florida Atlantic University, Effects of visual feedback on stuttering (2012)
8) Carey Witkov, Center for Complex System sand Brain Sciences, Florida Atlantic University, Periodic amplitude and frequency variations in spontaneous otoacoustic emissions (2011).
9) Baishali Chaudhuri, Individual Profiling of Tinnitus Perception by Developing an Interactive Tinnitus Analyzer Software (2010). (Master's Thesis Completed)
10) Harriet Jacobster, AuD., Nova Southeastern University. Title: The efficacy of chirp stimuli in notched noise in obtaining frequency specific Auditory Brainstem Responses (2000). (Doctoral Thesis Completed)

PUBLIC/COMMUNITY PRESENTATIONS

1. **Danesh**, A. (2016). Tinnitus and Vertigo. Oral presentation. American Hearing Loss Association, Delray Beach/Boca Raton Chapter, February 2016.

2. **Danesh**, A. (2015). Genetics of hearing loss and Hearing Hair Cell Regeneration. Oral presentation. American Hearing Loss Association, Delray Beach/Boca Raton Chapter, October 2015.

3. **Danesh**, A. (2014). Hearing Hair Cell Regeneration: When Am I going to Get My Hearing Back, Doc? Oral presentation. Life Long Learning Center at Florida Atlantic University, Dec 2014.

4. **Danesh**, A. (2012). Buzzing Ears: The Neuroscience of Tinnitus (Invited Speaker). The Neuroscience Community of Florida Atlantic University.

5. **Danesh**, A. (2012). Hearing Issues for Musicians: Dangerous Decibels (Invited Speaker). Music Department, College of Arts and Letters, Florida Atlantic University.

6. **Danesh**, A. (2012). Tinnitus and its management (Invited Speaker). Presented for the Hearing Loss Association of America, The Delray Beach, FL Chapter.

7. **Danesh**, A. (2011). Vertigo and Balance Disorders (Invited Speaker). Presented for the Hearing Loss Association of America, The Delray Beach, FL Chapter.

8. **Danesh**, A. (2010). Gene Therapy and Hair Cell Regeneration for Hearing Loss (Invited Speaker). Presented for the Hearing Loss Association of America, The Delray Beach, FL Chapter.

9. **Danesh**, A. (2005). Lend me your ears: the amazing structure of human ear. Invited speaker, Searanch Country Club, Boca Raton, FL.

10. **Danesh**, A. & Daugherty, S.H. (2004).The amazing structure of human inner ear. Boca Raton Cochlear Implant Support Group. Boca Raton Community Hospital.

11. Daugherty, S.H. & **Danesh**, A. (2003). Music Perception with a Cochlear Implant. Boca Raton Cochlear Implant Support Group. Boca Raton Community Hospital.

12. **Danesh,** A. & Saul, R. (2002). Peripheral and Central Auditory Processing: How the Ear and the Brain Work Together? Boca Raton Cochlear Implant Support Group. Boca Raton Community Hospital.

13. **Danesh**, A. (2001) Hearing aids, Common Questions Self Help Hard of Hearing (SHHH) meeting, The Delray Beach, FL Chapter.

14. **Danesh**, A. (2000) Hearing aids, Self Help Hard of Hearing (SHHH) meeting, The Boca Raton, FL Chapter.

15. **Danesh**, A. (2000) Directional Microphone for Hearing aids, Self Help Hard of Hearing (SHHH) meeting, The Delray Beach Chapter.

16. **Danesh**, A. (2000) Tinnitus, Self Help Hard of Hearing (SHHH) meeting, The Lantana/Lake Worth Chapter.

17. **Danesh**, A. (2000) Hearing aids, Nursing home community, Delray Beach, FL.

18. **Danesh**, A. (2000) Hearing aids, Marriot/Brighton Nursing home community, Boca Raton, FL.

19. **Danesh**, A. (1999) Hearing aids, Nursing home community, Coconut Creek, FL.