

Parisa Jalilzadeh Afshari

Assistant professor

University of social welfare and rehabilitation sciences

Department of Audiology

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EDUCATIONAL BACKGROUND

Ph.D. in Audiology - Hearing and Balance neuroscience (2014-2020)

University of social welfare and rehabilitation sciences

“The effects of spectro-temporal modulation training on speech in noise perception of children with Central Auditory Processing Disorder.”

M.Sc. in Audiology (2008-2011)

Tehran University of medical sciences

“The P300 auditory event related potential in diabetic type I patients.”

B.Sc. in Audiology (2004-2008)

Tehran University of medical sciences

RELEVANT CLINICAL EXPERIENCE

- 1- Clinical Audiologist - Audiology ward of the Velenjak Private polyclinic 2018-2020
- 2- Head of audiology department of Akhavan medical/rehabilitation center affiliated to the social welfare and rehabilitation sciences University 2011-2013
- 3- Clinical Audiologist - Audiology ward of the municipal Private polyclinic (district 6) 2007-2018
- 4- Clinical Audiologist - Audiology ward of the municipality Private clinic (district 8) 2007

RELEVANT ACADEMIC EXPERIENCE

- 1- Assistant Professor of the Audiology department in social welfare and rehabilitation Sciences University 2020 –present
- 2- Mentoring in audiology department and clinics of social welfare and rehabilitation Sciences University (during my PhD program) 2015-2020
- 3- Mentoring in educational and clinical departments of Rehabilitation School of Tehran University of Medical Science (during my Master program) 2009-2011

WORK ACHIEVEMENTS AND AWARDS

- 1- Obtaining the exemplary employee award of Akhvan medical/rehabilitation center affiliated to the Social Welfare and Rehabilitation Sciences University 2012

ACADEMIC AWARDS & DISTINCTIONS

- ✓ Master of Audiology Entrance Scholarship 2008
- ✓ Achievement the top rank (first place) in Ph.D. entrance exam 2014
- ✓ Obtaining the first rank in the comprehensive Ph.D. final examination 2016
- ✓ Top student and graduation with excellent grade on BSc, MSc and Ph.D. courses.

AREAS OF EXPERTISE

- 1- Auditory and vestibular system anatomy and physiology
- 2- Hearing and balance neuroscience
- 3- Auditory and Hearing evaluations in infants- children- adults and elderlies (behavioral and Electrophysiology evaluations)
- 4- Auditory rehabilitation in hearing impaired
- 5- Central Auditory Processing Evaluation
- 6- Diagnosis, management and rehabilitation of Central Auditory Processing disorder
- 7- Vestibular and Balance system assessment in children- adults and elderlies
- 8- Diagnosis of vertigo and vestibular problems
- 9- Diagnosis and management of Benign paroxysmal Positional vertigo
- 10- Vestibular Rehabilitation and Balance training
- 11- Evaluation- Prescription and fitting of Assistive Listening devices
- 12- Electrophysiological evaluation of the auditory-vestibular system
- 13- Evaluation and management of tinnitus / hyperacusis
- 14- Counselling and report writing

CAREER STATEMENT

A well-presented, self-motivated and confident Audiology graduate who has extensive knowledge of how to successfully assess the needs of patients and then develop and implement suitable plans for them including evaluation, diagnosis, management, and rehabilitation. Possessing excellent counselling, listening and general communication skills, along with the ability to communicate complex and sensitive information about hearing and balance matters in an understandable form to patients. Having exceptional multi-tasking and organizational skills, all of which are imperative when working closely with colleagues and other health care professionals.

ACADEMIC & EDUCATIONAL ACTIVITY

Teaching courses:

- 1- Auditory and Balance Neuroscience
- 2- Children, infants, and newborns hearing screenings
- 3- Adults hearing evaluations
- 4- Evaluation and rehabilitation methods of Vestibular system

- 5- Principals of prescribing and fitting of hearing aids, cochlear implants and other assistive listening devices
- 6- Advanced Psychoacoustics
- 7- ABCs of Audiology and evaluation methods of auditory system
- 8- Research methods and methodology in Audiology
- 9- Electrophysiological evaluations of the auditory system
- 10- Auditory rehabilitations in special populations
- 11- Vestibular neuroscience and rehabilitation
- 12- The psycholinguistic
- 13- Balance evaluation and rehabilitation internship
- 14- Electrophysiological evaluation of auditory system internship
- 15- Auditory rehabilitations in special populations internship

Co-supervisor in thesis:

- 1- Investigating the balance status of 4-6 year old children using clinical sensory interaction test for balance in children (p-CTSIB) in Tehran, 2017
(Master of Audiology thesis)
By: Noushin Sayadi Supervisor: Dr. Younes Lotfi
- 2- Standardization of consonant-vowel in noise test in normal Persian children aged between 8 to 12 years old, 2017
(Master of Audiology thesis)
By: Elahe Fadaei Supervisor: Dr. Saeideh Mehrkian
- 3- Translation and evaluation of validity and reliability of the Persian version of the International Hearing aid Outcome Inventory (IOI-Ha), 2018
(Master of Audiology thesis)
By: Erziyeh Lotfian Supervisor: Dr. Abdollah Mousavi
- 4- The relationship between vestibular and anxiety disorder in patients with vertigo referred to Rofeideh hospital, 2020.
(Master of Audiology thesis)
By: Fatemeh Nazari Supervisor: Dr. Saeideh Mehrkian
- 5- Assessment of validity and reliability of Persian version of “Amsterdam Inventory for Auditory Disability and Handicap (AIADH)”, 2020.
(Master of Audiology thesis)
By: Gazaleh Jaber Supervisor: Dr. Saeideh Mehrkian

Supervisor in thesis:

- 1- Evaluation of spectral and temporal processing in adults with stroke and comparison with normal individuals, 2020.
(Master of Audiology thesis)
By: Fatemeh Molla Ali Akbari

- 2- Correlation between Persian version of DDdt test and everyday auditory attention subtests in normal children aged 8-12 years, 2020.
(Master of Audiology thesis)
By: Maral Motaharinia

- 3- The comparison of Auditory and cognitive processing between hearing impaired and normal hearing elderlies who suffer from speech in noise problem 2021.
(Master of Audiology thesis)
By: Parisa Nooriyani

- 4- The comparison of the Auditory temporal and spectral modulations between hearing impaired and normal hearing children and their relationships to speech in noise abilities 2022.
(Master of Audiology thesis)
By: Ferdows Rasouli

- 5- The psychometric evaluations of the Persian version of Pediatric Vestibular Symptoms Questionnaire 2022.
(Master of Audiology thesis)
By: Sara Jamshidpoor

Master reviewer in thesis:

- 1- Developing of Persian version of the BKB sentences and content validity assessment, 2016
By: Farahnaz Karami Supervisor: Dr. Abdollah Mousavi

- 2- Development and Validation of the Persian Version of the Acceptable Noise Level (ANL) Test in Normal Children Aged 5-8 Years, 2016
By: Najmeh Shokoufeh Supervisor: Dr. Abdollah Mousavi

- 3- Validity and reliability of the Persian version of the vestibular disorders activities of daily living scale, 2017
By: Zohreh Erfanimanesh Supervisor: Dr. Saeideh Mehrkian
- 4- The relationship between working memory capacity and speech in noise scores in 8 to 12 year old hearing Aid users, 2019
By: Mina Moossavi Supervisor: Dr. Mohanna Javanbakht
- 5- The relationship between speech perception in noise with working memory and auditory attention in Turkish-Persian bilinguals compared to Persian monolinguals at the age of 18 to 25 years, 2022
By: Najmeh Mosharaf Supervisor: Dr. Mohanna Javanbakht
- 6- Comparison of semantic/syntactic features of compound verb production in Persian-speaking adults with fluent and non-fluent aphasia, and healthy subjects, 2023
By: Fatemeh Alipur Supervisor: Dr. Fariba Yadegari

LECTURES & PRESENTATIONS

- 1- Lecture at Audiology student Seminar, 2007
- 2- Lecture at 12th Iranian Audiology congress, 2013
- 3- Lecture at the evaluation and management of tinnitus workshop, 2016
- 4- Lecture in the workshop of basics, application and interpretation of AOE and ABR, 2017
- 5- Lecture at the evaluation of vestibular system and its results interpretation workshop, 2017
- 6- Lecture at 17th Iranian Audiology congress, 2018
- 7- Lecture in a step by step workshop of vestibular system evaluation and interpretation its results, 2018
- 8- Lecture at the workshop on candidacy and clinical application of sound therapy in tinnitus management, 2018
- 9- Lecture at the vestibular system rehabilitation workshop, 2018
- 10- Lecture at the evaluation and rehabilitation workshop of benign paroxysmal positional vertigo, 2018
- 11- Lecture at 18th Iranian Audiology congress, 2019
- 12- Lecture at the workshop of evaluation of Otolith Organs, 2019
- 13- Lecture at the webinar of application and interpretation of ABR in hearing assessment of children, 2020
- 14- Lecture at the webinar of the Corpus Callosum and its role in auditory processing and cognition, 2020
- 15- Lecture at the webinar of the Auditory and Vestibular disorders in Stroke patients, 2021
- 16- Lecture at the webinar of the balance disorders and their rehabilitations, 2022

- 17- Lecture at the webinar of the rehabilitation interventions in ALS patients (hearing and balance disorders and their rehabilitation in ALS patients), 2022
- 18- Lecture at the webinar of the age related hearing loss, evaluations and rehabilitations, 2023
- 19- Lecture at the webinar of balance disorders in older adults, 2023
- 20- Lecture at the webinar of the differential diagnosis between ADHD and CAPD and rehabilitation interventions, 2023
- 21- Lecture at the balance disorders in hospitalized patients workshop, 2023
- 22- Lecture at the cognitive interventions in children with hearing and balance disorders panel in 24th national occupational Therapy congress, 2023.
- 23- Lecture at the balance and cognition interaction webinar, 2023

RESEARCH ACTIVITY & ARTICLES

- 1- **Parisa Jalilzadeh afshari** , Ghassem Mohamadkhani , Nematollah Rouhbakhsh , Shohreh Jalaie , Ensieh Nasli Esfahani. Cognitive disorders in patients with insulin-dependent type I diabetes mellitus. *Audiol.* 2013;22(2):25-32.
- 2- Mohammadkhani, G.; **Jalilzadeh Afshari, P.**; Jalaei, S.; Nasli Esfahani, E.; Majidi, H. AUDITORY EVENT RELATED POTENTIALS IN TYPE 1 DIABETES MELLITUS. *Acta Endocrinologica* (1841-0987). Apr-Jun2013, Vol. 9 Issue 2, p263-271. 9p.
- 3- Yones Lotfi, Amir Hossein Kahlaee, Nushin Sayadi, **Parisa Jalilzadeh Afshari**, Enayatollah Bakhshi .Test-retest reliability of the pediatric clinical test of sensory interaction for balance in 4-6 years old children. *Auditory and Vestibular Research*, Volume:26 Issue:4, 2017, PP 202 -208.
- 4- **Parisa Jalilzadeh Afshari**, Seyedeh Nazanin Hajjari, Ali Bozorgmehr. Effects of gender, education and non-inverting electrode sites on P300 auditory event related potential in healthy subjects. *J Exp Clin Neurosci*, 2018, 5(1): 1-4.
- 5- Nushin Sayadi , Yones Lotfi , Amir Hossein Kahlaee , **Parisa Jalilzadeh Afshari** , Enayatollah Bakhshi. Investigation of static Balance control in 4-6 years old children with using the Pediatric Clinical Test of Sensory Interaction for Balance (P-CTSIB). *Iranian Rehabilitation Journal*, Volume:16 Issue:37, 2018, PP 271 -288.
- 6- Abdollah Moossavi, **Parisa Jalilzadeh Afshari**, Erziyeh Lotfian, Enayatollah Bakhshi, translation and assessing the validity and reliability of Persian version of the international outcome inventory for hearing aids (IOI-HA). *JRSR* 2018, (5): 36-40.
- 7- Saeideh Mehrkian, Elahe Fadaie, **Parisa Jalilzadeh Afshari**, Enayatollah Bakhshi. Preliminary standardization of consonant-vowel in noise test in normal Persian speaking children. *Auditory and Vestibular Research*, Volume:28 Issue:1, 2019, PP 28 -35.

- 8- Younes Lotfi, Abdollah Moossavi, **Parisa Jalilzadeh Afshari***, Enayatollah Bakhshi, Hamed Sadjedi. Spectro-temporal modulation detection and its relation to speech perception in children with auditory processing disorder. International journal of pediatric otorhinolaryngology. Received 6 October 2019, Revised 31 December 2019, Accepted 1 January 2020, Available online 3 January 2020.
- 9- **Parisa Jalilzadeh Afshari**. Vestibular rehabilitation in otolith dysfunction post Covid 19: A case report. . Iranian Rehabilitation Journal. Volume:19 Issue:4, 2021.
- 10- **Parisa Jalilzadeh Afshari**, Younes Lotfi, Abdollah Moossavi, Enayatollah Bakhshi, Hamed Sadjedi. Spectro-temporal modulation training in children with auditory processing disorder. Volume:20 Issue:2, 2022.
- 11- Anahita Giti, Vahid Rashedi, **Parisa Jalilzadeh Afshari**, Marzieh Golchin. Citation Review and Scientific Visualization of Articles Published in the Iranian Rehabilitation Journal (IRJ) 2003-2023 in the Scopus Database. Volume 21: Issue:3, 2023.

PAPERS IN PROGRESS

1. Fatemeh Nazari, Saeideh Mehrkian, **Parisa Jalilzadeh Afshari**, Hooman Safaviyeh. The relationship between vestibular and anxiety disorders in patients with vertigo.
2. Maral Motaharinia, Saeideh Mehrkian, **Parisa Jalilzadeh Afshari**, Enayatollah Bakhshi. The correlation between Dichotic Digit difference Test (DDdT) and auditory everyday attention subtests in normal children.
3. Fatemeh Molaali Akbari, Saeideh Mehrkian, **Parisa Jalilzadeh Afshari**, Enayatollah Bakhshi, Mohammad Sayad Nasiri. Spectral and temporal auditory processing in adults with brain stroke and the comparison to normal peers.
4. Parisa Nooriyani, Yones Lotfi, **Parisa Jalilzadeh Afshari**, Enayatollah Bakhshi. The comparison of Auditory and cognitive processing between hearing impaired and normal hearing elderly who suffer from speech in noise problem.

ADDITIONAL SKILLS

Good; lecturing skills- (various lectures in different scientific meetings, 2007-present)

Teaching Skills (level 1) - basic skills for teaching (35 hours; University of social welfare and Rehabilitation Sciences, 2021)

Qualified reviewer of scientific articles

Comprehensive Neuroscience diploma {basic neuroscience, clinical neuroscience, cognitive neuroscience} - (6 months; Neurotract institute under the supervision of Tehran University of Medical Sciences, 2022)

MATLAB software (especial use in audiology and neuroscience) – (20 hours; Neurosafari institute, 2022)

Daily use of Microsoft Word (thesis and publications), PowerPoint (conference presentations), virtual education (sky room, adobe connect), SPSS (data analysis)

REVIWERE OF JOURNALS:

- ✓ Canadian Hearing Report
- ✓ Iranian Rehabilitation Journal (IRJ)
- ✓ Auditory and Vestibular Research (AVR)
- ✓ Journal of Rehabilitation sciences and research (JSRS)

MEMBERSHIP OF PROFESSIONAL SOCIETIES

- ✓ Iranian society of audiology
- ✓ Iranian medical council