

Curriculum Vitae

Personal details:

Somayeh Falahzadeh

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Audiology Department, School of Rehabilitation Sciences, Isfahan University of Medical Sciences, Isfahan, Iran

ORCID: 0000-0002-6113-6142

Researcher ID: W-4752-2017

Education:

- PHD in audiology, Tehran University of Medical Sciences (TUMS), (www.tums.ac.ir)
Dec 2020 to present, Tehran, IRAN
 - Research area: Auditory Evoked Response
dissertation: “ ”
- MSc. in audiology, Tehran University of Medical Sciences (TUMS), (www.tums.ac.ir)
Sep 2009 to Sep 2012, Tehran, IRAN
 - Research area : (Central) Auditory Processing
Thesis : “ Evaluation of Staggered Spondaic Word Test In Developmental Stuttering Participants and Normal Participants ”
- BSc. in audiology, Tehran University of Medical Sciences (TUMS), (www.tums.ac.ir)
Sep 2001 to Sep 2005, Tehran, Iran
 - Research area : Hearing Aid
Thesis : “Assessment of Loudness by PAL (Profile of Aided Loudness) Self-Assessment in Hearing Aid Users ”

Academic Interests:

- Auditory Event-Related Potentials
- Auditory Processing / Speech Processing in auditory system
- Vestibular system; assessment and rehabilitation
- Hearing aid and Cochlear Implant

Awards and honors:

- Outstanding (selected educational) Professor in the first festival of Education, Isfahan University of Medical Sciences, Isfahan, Iran, Feb 2021
- Third rank in Nationwide Ph.D. entrance exam in Audiology, Iran, 2020

- Honor Student in MSc Degree, Tehran University of Medical Sciences, Tehran, Iran

Scientific and Executive Positions:

- **Head of Department**
Department of Audiology, School of Rehabilitation Sciences, Isfahan University of Medical Sciences, Apr 2019- Mar 2021
- **Member of Education Committee**
School of Rehabilitation Sciences, Isfahan University of Medical Sciences, Apr 2019- Mar 2021
- **Member of Research Committee**
School of Rehabilitation Sciences, Isfahan University of Medical Sciences, Sep 2018- Mar 2021
- **Member of Autism Committee**
School of Rehabilitation Sciences, Isfahan University of Medical Sciences, 2019- Mar 2021
- **Member of Research Ethics Committee**
School of Rehabilitation Sciences, Isfahan University of Medical Sciences, Dec 2018- present
- **Member of Newborn Hearing Screening Committee**
Isfahan University of Medical Sciences, Sep 2018- present
- **Deputy of Audiology Department**
Department of Audiology, School of Rehabilitation Sciences, Isfahan University of Medical Sciences, Jan 2018- Apr 2019
- **Member of Education and Development Office (EDO)**
School of Rehabilitation Sciences, Isfahan University of Medical Sciences, Isfahan, Iran, Sep 2016- Apr 2019
- **Faculty Member**
School of Rehabilitation Sciences, Isfahan University of Medical Sciences, Sep 2014-present
- **Supervisor**
 - All of clinical trainings (Bachelor Audiology student), Department of audiology, School of Rehabilitation, Isfahan University of Medical Science, Isfahan, Iran, Sep 2016- Sep 2020
 - In Objective Structured Clinical Examination (OSCE), Department of Audiology, School of Rehabilitation, Isfahan University of Medical Science, Sep 2016- Mar 2021
 - Supervisor and Setting up of audiology clinic, Sedigheh Tahereh Center, Isfahan University of Medical Science, Isfahan, Iran, 2019-present
- **Clinical Audiologist**

- Cochlear Implant Centre, Baqiyatollah hospital, Electrophysiological Evaluation of Auditory system, Cochlear Implant Programming, fitting of Hearing aid, Tehran, Iran, 2013- 2014
- Social Welfare Organization, comprehensive program for neonatal hearing screening, (Early Identification and Intervention of Hearing Loss program), Fars, Iran, 2006- 2013
- **Coordinator in Library Information**
Audiology Department, School of Rehabilitation, Isfahan University of medical science, 2017-present
- **Member of the Scientific Committee**
 - Annual congress of Iranian Association of Audiology, 2017- present
 - Annual Iranian Student Audiology Seminar, 2016- present
 - Ethics in medicine symposium, Isfahan, Iran, 2020
- **Scientific Peer Reviewer**
 - Research and technology Deputy, Isfahan University of Medical Sciences, 2019- present
 - Annual national congress of Iranian Association of Audiology, 2017- present
 - Annual Iranian student Audiology Seminar, 2016- present
 - Communication Disorders Research Center, School of rehabilitation sciences, Isfahan University of Medical Science, 2015- present
 - Student Research Committee, School of rehabilitation sciences, Isfahan University of Medical Sciences, 2015- present

Teaching Experience:

Isfahan University of Medical Science (B.Sc. Students of Audiology):

- Management in audiology, (1 credit), 2019- present
- Evoked Response Audiometry/Videonystagmography(ERA/VNG) - Clinical training - (1 credit), 2019- present
- Assessment of (C)APD, (2 credits), 2016- present
- Seminar and project in Audiology(2credit), 2019-present
- Assessment of (C)APD and Tinnitus- Clinical training - , (1 credit), 2016- present
- Physiologic tests of hearing I, (3 credits), 2017
- Basic diagnostic behavioral tests in audiology, (3 credits), 2015- present
- Complementary diagnostic behavioral tests in audiology, (3 credits), 2015- present
- Audiology Evaluation in Adults - Clinical training - (2 credits), 2014- present
- Auditory Training, (2 credits), 2014- 2015
- Audiology in children, (2 credits), 2014- 2015
- Language Learning in hearing loss people, (2credits), 2014- 2015
- Rehabilitation principles and foundations of Audiology, (3 credits), 2014- 2015
- Prescription and fitting of hearing aid - Clinical training - (1 credit), 2014- 2015
- Audiology Evaluation in Children - Clinical training - (1 credit), 2014- 2015

- Ear Nose Throat Diseases - Clinical training - (1credit), 2014- 2015

The Others:

- Auditory Evoked Potential - Clinical training - M.Sc. Students of Audiology, University of Social Welfare and Rehabilitation Sciences, 2013- 2014
- Hearing loss, B.Sc. Students of Speech Therapy students - Tehran University of Medical Science, 2011

Journal Publications:

- Speech recognition in noise in patients with type II diabetes
Falahzadeh S, Tajik S, Azadi F, Farjadi F
Indian Journal of Otology, 2020, 26 (3), 122-136
- Comparing Auditory comprehension in different level of noise in elderly and young adult group
Moradi Vastegani M, Falahzadeh S, Baharloe N
Scientific Journal of Rehabilitation Medicine (SJRM), 2020, 9 (3), 131-140
- Systematic Review of Auditory Behavioral Tests with Speech Stimuli
Falahzadeh S, Khosravi S, Rohani S
Scientific Journal of Rehabilitation Medicine, 2019, 8 (2), 35-47
- A review of speech perception ability after cochlear implantation in people with anormalous inner ear anatomy
Ghorbani M, Zareii N, Falahzadeh S
Iranian Journal of otolaryngology, 2018, 30(supplement)
- Sound source localization for bilateral cochlear implant in implant patient
Ghorbani M, Zareii N, Falahzadeh S
Iranian Journal of otolaryngology, 2018, 30 (supplement)
- Assessment of the sound loudness using self-assessment PAL questionnaire in young individuals with moderate and severe hearing loss and elderlies with moderate and severe hearing loss using hearing aid
Abdolmajidi F, Falahzadeh S, Golchin – Namdari A, Kohzadi S
Journal of Research in Rehabilitation Sciences, 2017, 13 (3), 118 – 124
- Efficiency of Assistant Robots in Cochlear Implant Surgery: A Systematic Review
Golchin – Namdari A, Falahzadeh S, Gholaminezhad A
Journal of Research in Rehabilitation Sciences, 2017, 13 (1), 51 – 59
- Comparison of the encoding strategy and speech understanding of single - channel and multi - channel cochlear implant: systematic review
Falahzadeh S, Golchin – Namdari A, GholamiNezhad A, Abdolmajidi F
Journal of Research in Rehabilitation Sciences, 2017, 12 (6), 370 – 377

- Using robotic systems in cochlear implant surgery
Falahzadeh S, Golchin – Namdari A, GholamiNezhad A
Iranian Journal of Otorhinolaryngology, 2016, 28 (6)
- Tonotopic manner of multi - channel cochlear implant
Falahzadeh S, Golchin – Namdari A, GholamiNezhad A
Iranian Journal of Otorhinolaryngology, 2016, 28 (6)
- Comparing the results of Persian staggered spondaic word test in persistent developmental stutterers and normal subjects
Falahzadeh Z, Tahaei A A, Hajiabolhassan F, Jalaei Sh, Shahbodaghi M R, Rouhbakhsh N
Bimonthly Audiology, 2013, 22 (3), 102 - 111

Grants and Contracts:

- **Title :** The effect of risk factors on infant's hearing in the Early Identification of Hearing Loss program in North Fars province, Iran
Status: Running
Executer : Somayeh Falahzadeh
Sponsor : Communication Disorders Research Centre
Location: Isfahan University of Medical Science
Main Partner(s): Arash Najimi, Nasrin Alikhani, Mitra Ghorbani, Farshid Rahimi, 2018
Approved Project/ Code: IR.MUI.MED.REC.1398.313
- **Title :** Assessment of the sound loudness using self-assessment PAL questionnaire in young individuals with moderate and severe hearing loss and elderlies with moderate and severe hearing loss using hearing aid
Status: Completed
Executer : Somayeh Falahzadeh
Sponsor: Communication Disorders Research Centre
Location: Isfahan University of Medical Science
Main Partner(s): Fatemeh Abdolmajidi, 2017
Approved Project/ Code: IR.MUI.REC.1395.2.275
- **Title :** Comparison of the QSIN test in people with diabetes mellitus with normal people
Status: Running
Executer : Somayeh Falahzadeh,
Sponsor : Communication Disorders Research Centre
Location: Isfahan University of medical Sciences
Main Partner(s): Faezeh Azadi, Farnoosh Farjadi, 2018
Approved Project/ Code : IR.MUI.REC.1395.2.179

Theses; Supervised or Consulted

▪ Supervisor

- Cognitive problems, Quality of Life and Self-efficacy in elderly people before and after using of hearing aid
Shohreh Jahangiri Bolorchi, M.Sc., Student in Psychology and Educational Sciences,
Ongoing
- Systematic Review of Auditory Behavioral Tests with Speech stimuli
Sara Khosravi, Samaneh rohani
B.Sc., Student in Audiology, Dec 2018
- Comparison of Identification protocols of hearing loss in neonates and infants in different countries in world
Nasrin Alikhani
B.Sc., Student in Audiology, Jun 2018
- Evaluation of Self-Assessment of Communication (SAC) questionnaire in people with mild, moderate and severe hearing loss
Abolfazl Khosravi
B.Sc., Student in Audiology, Aug 2018
- Assessment of Sound Loudness Using Self-Assessment Profile of Aided Loudness (PAL) Questionnaire in Young Individuals and Elderlies with Moderate and Severe Hearing Loss Using Hearing Aid
Fatemeh Abdolmajidi, Soraya Kohzadi
B.Sc., Student in Audiology, Aug 2017
- Comparing Communication Skill and Social Intelligence in Hearing Loss Students with Normal Students
Narjes Hajisadeghian
B.Sc., Student in Audiology, Jun 2017
- Comparison of the encoding strategy and speech understanding of single - channel and multi - channel cochlear implant : systematic review
Alireza Golchin Namdari, Adel Gholami
B.Sc., Student in Audiology, Apr 2017

▪ Advisor

- Comparison of auditory comprehension in the presence of noise with QSIN test in young and elderly people
Marzieh Moradi
M.Sc. Student in Speech therapy, Sep 2019

Journal Editorial Board or Peer Reviewing Experiences:

- 1. Auditory and Vestibular Research Journal (AVRJ)**
Scientific Peer Review, 2021 - present
- 2. Journal of Rehabilitation Sciences and Research (JRSR)**
Scientific Peer Review, 2017- present
- 3. Journal of Rehabilitation Sciences and Research (JRSR)**
Editorial Board member, 2017- 2020
- 4. Scientific Journal of Rehabilitation Medicine (SJRM)**
Scientific Peer Review, 2017- present
- 5. Advanced in Biomedical Research Journal (Adv Biomed Res)**
Scientific Peer Reviewer, 2015- present
- 6. Journal of Research in Rehabilitation Sciences (JRRS)**
Scientific Peer Review, 2015- present

Scientific Secretary:

- Audiology monthly scientific conferences, Yazd, Iran, from 30 May 2019 to 20 Feb 2020
- Audiology monthly scientific conferences, Yazd, Iran, from 3 Sep 2018 to 25 Feb 2019
- Auditory Evoked Related Potentials, scientific conference, Audiology Department, Isfahan University of Medical Sciences, Isfahan, Iran, 6 Feb 2019
- Early Screening, Identification and Intervention of Hearing Loss and family counseling, scientific conference, Yazd, Iran, 6 Sep 2018
- Auditory processing behavioral tests workshop, 15th national audiology congress, Tehran, Iran, 17 may 2016
- New technology hearing aids in infants and children, scientific conference(In cooperation with representative Phonak company in Iran), Yazd, Iran, 10 Jan 2017
- Audiological considerations and fitting of hearing aid in specific populations, scientific conference (In cooperation with representative Beltone company in Iran), Yazd, Iran, 4 may 2017

- Behavioral and electrophysiology assessment and intervention in auditory and speech language processing disorders, scientific conference, Communication Disorders Research Centre, Isfahan, Iran, 18 Jan 2018

Presentations:

- “Auditory Rehabilitation in Autism Spectrum”, Isfahan University of Medical Sciences, Isfahan, Iran, 5 Mar 2021
- “Auditory Evoked Response and Differential Diagnosis”, Isfahan University of Medical Sciences, Isfahan, Iran, 11 Dec 2020
- “5 presentation in Audiology monthly scientific conferences”, Shahid sadoghi University of Medical Sciences, ENT department, Yazd, Iran, from 30 May 2019 to 20 Feb 2020
- “Auditory processing in hearing loss people with/ without hearing aid”, Isfahan University of Medical Sciences, Isfahan, Iran, 20 Jul 2019
- “Basic Principles in Auditory Evoked Related Potentials”, Department of audiology, Isfahan University of Medical Sciences, Isfahan, Iran, 6 Feb 2019
- “Evaluation of central auditory system in children”, Department of audiology, Isfahan University of Medical Sciences, Isfahan, Iran, 27 Feb 2019
- “Otoacoustic Emission Screening In neonates and infants”, Isfahan University of Medical Sciences, Isfahan, Iran, 16 Jan 2019
- “Hearing implants(Cochlea, ME, bone, BS, midbrain implants, stereotactic implants, cortical implants)”, Audiology monthly scientific conference, Yazd, Iran, from 24 Dec 2018
- “Review on early hearing detection and intervention (EHDI) and joint committee on infant hearing (JCIH), Auditory screening, diagnosis and intervention in newborns and family counseling”, scientific conference, Yazd, Iran, 6 Sep 2018
- “ Review on central auditory processing in Alzheimer patients”, 17th national audiology congress, Tehran, Iran, 26 – 28 Jun 2018
- “ Auditory processing in monaural vs. binaural hearing aid”, 17th national audiology congress, Tehran, Iran, 26 – 28 Jun 2018
- “Sound source localization for bilateral cochlear implant in implant patients”, 5th international congress on cochlear implant and related science, Mashhad, Iran, 9 – 11 may 2018

- “ A review of speech perception ability after cochlear implantation in people with anormalous inner ear anatomy”, 5th international congress on cochlear implant and related science, Mashhad, Iran, 9 – 11 may 2018
- “Hearing aid in asymmetric hearing loss “, Audiology conference, Department of audiology, Isfahan University of Medical Science, Isfahan, Iran, 8 Mar 2018
- “Basics and principles of auditory, speech and language disorders“, Audiology conference, Communication Disorders Research Centre, Isfahan, Iran, 18 Jan 2018
- “Auditory electrophysiology and auditory processing in aged population (elderly)“, Audiology conference, ear-nose-throat department, Isfahan university of medical science, Isfahan, Iran, 15 Jan 2018
- “Auditory processing Tests in Mental Retardation: Case Report”, 16th national audiology congress, Tehran, Iran, 14 May 2017
- “Audiological considerations, adjustment of hearing aid in specific populations; Auditory processing disorder “ conference, Yazd, Iran, 4 May 2017
- “Assessment Central Auditory processing disorder in a Child with Attention Deficit - Hyperactivity Disorder: A Case Report “19th Iranian Student Audiology Seminar, Tehran, Iran, 22 Feb 2017
- “Using nanotechnology methods to transfer medicine to the human ear”, 19th Iranian Student Audiology Seminar, Tehran, Iran, 22 Feb 2017
- “New technology hearing aids in infants and children “ conference, Yazd, Iran, 10 Jan 2017
- “(Central) Auditory processing disorder in children with nonsyndromic cleft lip and/or palate”, International congress of cleft lip and palate, Isfahan, Iran, 5 – 7 Oct 2016
- “Auditory processing behavioral tests “ workshop, 15th national audiology congress, Tehran, Iran, 17 may 2016
- “Tonotopic manner of multi-channel cochlear implant”, 4th International Congress On Cochlear Implant and Related Sciences, Shiraz, Iran, Apr 2016
- “Using robotic systems in cochlear implant surgery: A systematic review”, 4th International Congress On Cochlear Implant and Related Sciences, Shiraz, Iran, Apr 2016

- “The effect of auditory hallucinations in (central) auditory processing “, 18th Congress of Audiology students, Isfahan University of Medical Science, Isfahan, Iran, Mar 2016
- “Tinnitus Management and Intervention “, Tinnitus Assessment and Rehabilitation workshop, Isfahan University of Medical Science, Isfahan, Iran, Mar 2016
- “Frequency Lowering technique in hearing aids “, 3th new advanced on Phonak hearing aid and ALDs Congress, Isfahan University of Medical Science, Isfahan, Iran, Jan 2016
- “Evaluation of staggered spondaic word test in developmental stuttering participants and normal participants “, 12th national audiology congress, Tehran, Iran, Apr - May 2013
- “Evaluation of time compression test in developmental stuttering participants and normal participants “ 11th national audiology congress, Tehran, Iran, May 2012
- “Effect of an electrotactile vestibular substitution system in individuals with central and peripheral vestibular disorders”, oral article presentation, 14th audiology student congress, Shahid Beheshti University of Medical Science, March 2011
- “Study of the relationship between phonological awareness, rapid automated naming and reading in Alzheimer disease “, The first congress academy of clinical neuron psychology, <http://www.rcnsrc.ir>, institute for cognitive science studies and Shahid Beheshti University of Medical Science, Tehran, Iran, Feb 2011
- “Profile Aided Loudness (PAL) self- assessment of hearing aid “, Iran university of medical sciences, 13th audiology student congress (oral presentation), Feb 2010

Memberships:

- Iranian Audiologists Society; 2005 to Present
- Islamic Republic of Iran Medical Council; 2005 to Present
- Iranian Association of Audiology (IAA), 2008 to present

Language Skills:

- Persian (native)
- English (fluent)
- Arabic (basic)