



## **Curriculum Vitae**(2019; February)

### **Personal information:**

**First name:** Mehdi      **Last name:** Alizadeh zarei      **Surname:** Alizadeh

**Nationality:** Iranian**Gender:** Male

**Educational grade:** PhD in Cognitive Neuroscience; Assistant professor of Iran University of Medical Sciences (IUMS)

**Membership in the IRI Medical Council:**No: 270 (in occupational therapy)

**Membership in the Iranian Occupational Therapy Association:** No. 2007

**Work address:** Department of Occupational therapy, School of Rehabilitation Sciences, IUMS, MirdamadBlvd., MadarSq., ShahnazariStr., Tehran, Iran

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## **Education:**

- 2008-2013** PhD in ***cognitive neuroscience***, Tabriz University, Tabriz, Iran
- 1999-2003** MSc. in ***occupational therapy***, University of social welfare and rehabilitation sciences, Tehran, Iran
- 1995-1999** BSc. In ***occupational therapy***, School of Rehabilitation Sciences, IUMS, Tehran, Iran.

## **Work experiences:**

- 2000- 2003** Private work at the Ravan-Pouya clinic in Tehran, Iran as Pediatric occupational therapist.
- 2004 -2006** Private work at the Bavar rehabilitation clinic in Tehran, Iran as supervisor of Pediatric occupational therapy division.
- 2006-2018** Setting up the Rehabilitation Institute of Beautiful mind as supervisor of occupational therapy department and administration manager.
- 2013-2018** Setting up the occupational therapy unit in comprehensive Rehabilitation center of Arman shayan as supervisor.
- 2003- 2008** Part-time work as teacher at IUMS in occupational therapy department.

**2008-2013** Full-time work at IUMS as faculty member (Instructor) in occupational therapy department.

**2013- Present** Full-time work at IUMS as faculty member (assistant professor) in occupational therapy department.

**2010- Present** Collaboration with the Ministry of Health in developing rehabilitation instruction and guidelines.

**2015- Present** Membership in the Rehabilitation Advisory Committee of Ministry of Health.

**2015-present** Collaboration with the faculty of Modern Technologies at IUMS for teaching PhD students in neurosciences .

**2017-present** Coordinator and representative of rehabilitation advisor office of ministry of health in comprehensive program for managing Autism spectrum disorder in Iran.

### **Teaching experiences:**

- Continuous teaching for the occupational therapy students at the school of Rehabilitation, IUMS in theoretical and clinical courses from 2003 to present and teaching for neuroscience and technical orthopedic students in PhD grade from 2015 to present as following;

**BSc grade:**

- Occupational therapy in child psychiatry
- Occupational therapy in mental disability
- Movement therapy techniques.
- Play therapy
- Kinesiology
- Child development
- Neurology disease
- An introduction to child psychiatry

**MSc. Grade:**

- Application of neuroscience in rehabilitation
- Non-pharmacological treatment in occupational therapy

**PhD grade:**

- Application of neuroscience in rehabilitation
  - Pharmacology in rehabilitation
  - Rehabilitation Technologies
  - Advanced neuroscience course( Motor system)
  - Orthosis used in neurological disease( neural principle section)

**Executive Management experience:**

- Member of board of directors of Iranian Occupational Therapy Association- 2007-2011.
- Executive manager of Iranian congress of occupational therapy- 2009.
- Executive manager of Iranian congress of occupational therapy- 2011.

- Member of the World Federation of Occupational Therapies as chairman of the Iranian Occupational Therapy Association-2011- present.
- Chairman of Iranian Occupational Therapy Association- 2011-2015.
- President of the 18<sup>th</sup> Iranian Occupational Therapy Association- 2013.
- President of the 18<sup>th</sup> Iranian Occupational Therapy Association- 2014.
- Chairman of Iranian Occupational Therapy Association- 2015-Present.
- Director of rehabilitation office of ministry of health- 2016-2017.
- Member of rehabilitation committee of ministry of health- 2016-Present
- Rehabilitation Officer of Ministry of Health for Policy Planning and Provision of rehabilitation Guidelines and standards. 2018- Present.
- Head of the Committee for the Compilation of Standards for Rehabilitation Services in Autism Spectrum Disorders in the Ministry of Health- 2018.
- Coordinator and member of the Committee for the Compilation and preparation of Standards for Rehabilitation Services in stroke disease in the Ministry of Health- 2017-2018.
- Coordinator and member of the Committee for the Compilation and preparation of Standards for Rehabilitation Services in multiple sclerosis (MS)disease in the Ministry of Health- 2018-2019.

### **Journal Publications:**

- MRA Dehaqani, MA Zarei, AH Vahabie, H Esteky. (2016). Selective impairment of perceptual closure in autism. Journal of Vision 16 (12), 477-477.

- MRA Dehaqani, MA Zarei, AH Vahabie, H Esteky. (2016). Impairment of perceptual closure in autism for vertex-but not edge-defined object images. *Journal of vision* 16 (10), 10-10.
- F Dehghan, N Mirzakha, M Alizadeh Zare, K Razjoyan. (2015). The relationship between sensory processing and behavior in children with attention deficit disorder and hyperactivity 7 to 10 years old. *Journal of Modern Rehabilitation* 9 (3), 9-18.
- F Vosooghifard, M Alizadeh Zarei, MAL Nazari, M Kamali.(2013). The effect of neurofeedback training and neurofeedback with occupational therapy based on cognitive rehabilitation on executive functions in autistic children. *Journal of Modern Rehabilitation* 7 (2), 28-34.
- F Abdollahipour, M Alizadeh Zarei, M Akbar Fahimi, S Karamali Esmaeili. (2016). Study of face and content validity of the Persian version of behavior rating inventory of executive function, preschool version. *Archives of Rehabilitation* 17 (1), 12-19.
- F Molagholamreza Tabasi, F Aliabadi, M Alizade Zarei, M Qorbani. (2016). Survey of behavioral problems and sensory processing in children with attention deficit/hyperactivity disorder. *Iranian Rehabilitation Journal* 14 (1), 63-68.
- M Alizadeh, S Esmaeili. (2015).the effectiveness of floor-time intervention on emotional functions of children with autistic spectrum disorders. *Journal of Modern Rehabilitation* 9 (1), 8-16.
- M Bayrami, T Hashemi, M Mahmoud-Alilou, M Alizadeh-Zarei. (2014). Perceptual Organization and Central Coherence During the Visual Processing in Children with Autism: Evidence for Disrupted Functional Connectivity in Autistic Brain. *Archives of Rehabilitation* 15 (2), 12-21.

- M Shojaee, MA Zarei, AH Mehraban. (2014). Translation, face and content validity of the persian version of school function assessment. Middle East Journal of Rehabilitation and Health Studies 4 (4).
- N Sadeghi, MAL Nazari, M Alizade, M Kamali. (2013).The effect of neurofeedback training on EEG and balance performance in children with reading disorder. Journal of Modern Rehabilitation 7 (3), 32-39.
- K Borhani, F Aliabadi, M Alizadeh, N Amiri, J Mahmoodi Gharaei. (2012). The performance of children with attention deficit/hyperactivity disorder in a visual attention test. Razi Journal of Medical Sciences 19 (99).
- A Mohammadi, AH Mehraban, SA Damavandi, MA Zarei, M Amini. (2017). Participation in Daily Life Activities among Children with Cancer. Middle East Journal of Cancer 8 (4), 213-222.
- ASG Atigh, M Akbarfahimi, MA Zarei. (2017). The Effect of Movement Activities in Synchronization with Music on Motor Proficiency of Children with Autism. Journal of Advanced Medical Sciences and Applied Technologies 3 (2), 61-68.
- H Rahimzadegan, MA Zareai, M Amini, NG Kouhbanani, A Shojaai. (2017).Psychometric properties of the Persian version of school function assessment (SFA) in 6 to 12-year-old children with physical disabilities. Middle East Journal of Rehabilitation and Health Studies. In press.
- A Atigh, M Akbarfahimi, M Alizadeh, MM Rad. (2013). The effect of musical movement activities on the balance function of autistic children. Journal of Kermanshah University of Medical Sciences 17 (8), 483-491.

- K Borhani, F Aliabadi, M Alizadeh Zarei, N Amiri, M Kazem Targhi, G Taghizadeh. (2011). Unilateral neglect in children with attention deficit/hyperactivity disorder. *Journal of Modern Rehabilitation* 5 (1), 14-1.
- NG Kouhbanani, MA Zarei, L Lajevardi, H Rahimzadegan, A Shojaei. (2018). The Reliability of the Persian Version of the School Function Assessment in Iranian Students 6 to 12 Years Old in Tehran Schools. *Middle East Journal of Rehabilitation and Health*. In press.
- N Havaei, A Azad, MA Zarei, A Ebadi. (2017). Development and validity of the persian handwriting assessment tool for primary school-aged children Iranian Red Crescent Medical Journal 19 (3).
- S Shokri, M Akbarfahimi, MA Zarei, SG Hosseini, M Farhadian. (2016). The Influence of Age and Gender on Executive Functions of the Brain in an Iranian Sample of Healthy Adults. *Journal of Advanced Medical Sciences and Applied Technologies* 2 (3), 247-256.
- N Havaei, A Azad, M Rezaei, AH Mehraban, M Alizadeh. (2016). An Overview of Developmental Dysgraphia. *J Rehab Med*. 5(1):224-39.
- F Parvizi, L Lajevardi, MA Zarei, H Ashaieri,. (2016). Comparing planning in high functioning children with autism and normal ones (6 to 12 years). *J Rehab Med*. 5(1):101-108.
- M Zarei, L Lajevardi, MA Zarei, A Azad, E Mollazadeh. (2016). Construct validity and test-retest reliability of survey of activities and fear of falling in the elderly among Iranian patients with Parkinson disease. *Middle East Journal of Rehabilitation and Health* 3 (3).
- S Maleki, MA Zarei. (2016). Correlation Between Executive Function Behaviors and Educational Achievement of Children With



Developmental Coordination Disorder. Middle East Journal of Rehabilitation and Health 3 (3).

- F Dehghan, N Mirzakha, M Alizadeh Zarei. (2015). The relationship between sensory processing and behavior in children with high functioning autism 7 to 10 years old. J Rehab Med 4 (2), 19-28.
- AN MIRZAKHANI, BA ZAHEDI, ZM ALIZADEH, BA AKBARZADEH. (2014). DEFICIT OF NEUTRAL FACIAL EXPRESSION RECOGNITION BETWEEN CHILDREN WITH HIGH-FUNCTIONING AUTISM AND TYPICAL PEERS AGED 7-11. SCIENTIFIC JOURNAL OF REHABILITATION MEDICINE 3 (3), 43-53.
- M Bayrami, MM Alilou, T Hashemi, MA Zarei. (2014). Perceptual integration and visual object recognition in children with high functioning autism. Journal of Kermanshah University of Medical Sciences 17 (10), 637-646.
- F Parvizi, M Alizadeh Zare, H Ashaieri. (2012). Comparing set-shifting in high functioning children with autism and normal ones (6 to 12 years). Journal of Modern Rehabilitation 5 (4), 15-20.
- FR Fard, M Esteki, K Poushneh, M Alizadeh. (2014). Effectiveness of sensory learning programs in visual and perceptual skills of children with learning disabilities. International Journal of Psychology and Behavioral Research. Vol., 3(6), 517-525.
- S. K Esmaili, M Alizadeh Zareei, (2014). The Neural Substrates of Executive Functions and its Importance in Education and Rehabilitation. Exceptional Education, 5(127), 37-44.
- Kheirollahzadeh M, Alizadeh Zarei M, Amini M, Dehghan Tarzjani F. The Association between Motor Proficiency and Performing Recreational

and Leisure Activities in School for Children with Autism Spectrum Disorder. *Function and Disability Journal*. 2018 Aug 15; 1(2):1-8.

- Boroujeni NB, Yadegar F, Zarei MA. Investigation of Semantic System Defects in Adult Aphasic Patients Following Stroke. *Journal of Modern Rehabilitation*. 2018 Feb 1:61-70.
- Havaei N, Azad A, Zarei MA, Ebadi A. Development and validity of the persian handwriting assessment tool for primary school-aged children. *Iranian Red Crescent Medical Journal*. 2017; 19(3).
- Nobahar Ahari M, Azad A, Alizadeh-Zarei M, Ebadi A, Parand A, Mohammadi P. Development and Validity of the School Interim Competency of Performance Skill Battery Scale (SICPSBS). *International Journal of Pediatrics*. 2018 Nov 1; 6(11):8451-73.

### **Book publications:**

- Collecting and writing “Sensory integration: disorders and interventions. A practical guidelines for therapists and parents”. Publisher: IUMS. 2017.
- Translating the “Early Start Denver Model in ASD”: Publisher: setayesh hasti. 2018.
- Writing the “Every things about autism”. Publisher: setayesh hasti. 2018.

### **Interests:**

#### **In policy making:**

- Policies for the integration of rehabilitation services in the health and Welfare system.

- Providing clinical guidelines of rehabilitation for use in rehabilitation centers and clinics.
- Designing comprehensive rehabilitation packages to provide globally and affordable services throughout the country.
- Developing rehabilitation services for people with disabilities through the expansion and facilitation of comprehensive centers, daily centers and Residential centers of rehabilitation.
- Development and integration of all dimensions of rehabilitation in welfare system including medical, social, supportive and vocational.
- Establishing appropriate mechanisms to facilitate the access of people with disabilities to rehabilitation and care services by attracting non-governmental contributions and training specialists and technicians in each province as focal.

#### In research:

- Health Economics Studies
- Autism studies in cognitive field
- Cognitive Rehabilitation
- Neuro- Cognitive studies in Childhood developmental disorders (autism spectrum disorders, learning disabilities, attention deficit/hyperactivity disorder, behavioral disorders, anxiety disorders, cerebral palsy)
- Neuropsychosocial interventions
- Brain Stimulation( tDCS, rTMS)
- School based occupational therapy

- Executive Function Studies

### **Research experiences:**

- Ph.D. thesis: The investigation of neural correlates and brain processing of visual recognition in autism spectrum disorder comparing with normal peers.
- Master's thesis: The study of effectiveness of sensory integration activities in motor proficiency and academic achievement of children with learning disability.
- Bachelor's thesis: Comparing the balance function and falling between healthy and sickly elderly.
- Execute manager of Student Research Committee at school of rehabilitation of IUMS- 1997-2000.
- Member of Research Committee of occupational therapy department at school of rehabilitation of IUMS. 2016 - 2017.
- Research project: "Investigating the relationship between executive functions and motor proficiency in children with developmental coordination disorder.2015.

### **Reviewing articles in:**

- Journal of Basic and Clinical Neuroscience,
- Journal of Rehabilitation Medicine,
- Journal of Behavioral and Brain Science,
- mazandaran University Research Center,
- Iranian Red Crescent Medical Journal
- Medical Journal of The Islamic Republic of Iran

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