

# Curriculum Vitae (2021)

## Personal information:

**First name:** Samaneh      **Last name:** Karamali Esmaili      **Surname:** Esmaili

**Nationality:** Iranian      **Gender:** Female

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

**Language certificate:** MHLE (14/May/2010)

**Membership in the medical system organization:** No: 560

**Membership in the Iranian Occupational Therapy Association:** No. 2011

**Work address:** Department of Occupational therapy, School of Rehabilitation Sciences, IUMS, Mirdamad Blv., Madar Sq., Shahnazari Str., Tehran, Iran

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## Education:

**2012-2016**      PhD in *occupational therapy*, School of rehabilitation Sciences, IUMS, Tehran , Iran

**2000-2003**      MSc. in *occupational therapy*, School of Rehabilitation Sciences, IUMS, Tehran, Iran

**1996-2000**      BSc. In *occupational therapy*, School of Rehabilitation Sciences, IUMS, Tehran, Iran.

## Work experiences:

- 2001- 2014** Private work at the Vali-e-asr, Ravan-Pouya, and Zehn-e-Ziba clinics in Tehran, Iran as Pediatric/psychosocial occupational therapist
- 2008** Setting up the department of play therapy at the Rehabilitation Institute of Zehn-e-Ziba
- 2002** Setting up the department of mental health occupational therapy at the Rehabilitation Institute of Vali-e-asr
- 2003- Present** Part-time work at the Ali-e-Asghar hospital as Pediatric/psychosocial occupational therapist
- 2003** Setting up the outpatient and inpatient clinic of occupational therapy at the Ali-e-Asghar hospital
- 2016- Present** Full-time work at IUMS as faculty member (assistant professor) in occupational therapy department
- 2012** Collaboration with the Ministry of Health in developing a graduate education program for undergraduate, postgraduate and students in occupational therapy
- 2010** Membership in the Working Group on the Valuation of Occupational Therapy Services - National Workshop on Native

Compilation of Relative Value of Health Services, Ministry of Health

**2016- Present** Membership in the PKU Committee of the Ali-Asghar hospital, IUMS

**2015- Present** Membership in the Accreditation Committee of the Faculty of Rehabilitation, IUMS

**2019- Present** Membership in the EDO Committee of the Faculty of Rehabilitation, IUMS

**Teaching experiences:**

- Continuous teaching for the occupational therapy and speech therapy students at the school of Rehabilitation, IUMS in theoretical and clinical courses from 2004 to present; about the following:
  - Occupational therapy in child psychiatry
  - Occupational therapy in intellectual disability
  - Play/leisure in occupational therapy
  - Play therapy
  - Therapeutic techniques (Sensory integration- Applied Behavior Analysis)
  - Developmental Psychology
  - Abnormal psychology
  - Child Psycho-motor development and its disorders

- Theories and models of occupational therapy
  - Community-based rehabilitation
  - Internship in pediatric mental and physical disabilities and play therapy
- Teaching “play-based Therapy Approaches to Autism” - Training course on “Rehabilitation of autism” for occupational therapists working in exceptional education in the country, 2006.
  - Teaching “behavioral intervention and occupational therapy assessments in school” - Training course on “Rehabilitation of children with special needs” for occupational therapists working in exceptional education in the country, 2019.
  - Teaching “play and behavioral approaches and activities of daily living interventions in children with autism spectrum disorder (ASD)” for ASD therapists at Isfahan- Ministry of Health and Medical Education- 2019.

### **Journal Publications:**

- Esmaili, S. K., Shafaroodi, N., Mehraban, A. H., Parand, A., Qorbani, M., Yazdani, F., & Mahmoudpour, A. (2016). Prevalence of Psychiatric Symptoms and Mental Health Services in Students with Specific Learning Disabilities in Tehran, Iran. *International Journal of Mental Health and Addiction*, 14(4), 438-448.
- Esmaili, S. K., Shafaroodi, N., Mehraban, A. H., Parand, A., Zarei, M., & Akbari-Zardkhaneh, S. (2017). Effect of Play-based Therapy on Meta-

cognitive and Behavioral Aspects of Executive Function: A Randomized, Controlled, Clinical Trial on the Students With Learning Disabilities. *Basic and clinical neuroscience*, 8(3), 203-212.

- Esmaili, S. K., Mehraban, Shafaroodi, N., A. H., Yazdani, F., Masoumi T., & Zarei, M., (2017). Participation in peer-play activities among children with learning disabilities: a randomized controlled trial. *American Journal of Occupational Therapy*. 2019. Vol. 73, 7302205110p1-7302205110p9. doi:10.5014/ajot.2018.028613
- Mohammadi P, Alizadeh Zarei M, Karamali Esmaili S. Psychometric properties of Children Participation Assessment Scale-Parent Version (CPAS-P) in Iranian children with autistic spectrum disorder. *J Adv Med Biomed Res*. 2018 Sep 10; 26 (118):41-7.
- Saneii SH, Karamali Esmaili S. Rehabilitation in Autism Spectrum Disorder: A Look at Current Occupational Therapy Services in Iran. *Function and Disability Journal*. 2019 Jan 10; 2(1):54-63.
- Esmaili, S. K., Bayanzadeh, A., Hejazy, E., & Shafaroudy, N. (2006). Social Problem Solving Skills in Students with Learning Disability. *Iranian Journal of Psychiatry and Clinical Psychology*, 12(1), 36-42.
- Esmaili, S. K., (2016). Play in Occupational Therapy. *Exceptional Education*, 5(142), 47-53.

- Alizadeh, M., & Esmaeili, S. K., (2015). The effectiveness of floor-time intervention on emotional functions of children with autistic spectrum disorders. *Journal of Modern Rehabilitation*, 9(1), 8-16.
- Esmaili, S. K., Alizadeh Zareei M., (2014). The Neural Substrates of Executive Functions and its Importance in Education and Rehabilitation. *Exceptional Education*, 5(127), 37-44.
- Abdollahipour, F., Alizadeh Zarei, M., Akbar Fahimi, M., & Esmaili, S. K., (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.
- Mohammadi, P., Alizadeh Zarei, M. & Esmaili, S. K., (2017). Psychometric properties of Children Participation Assessment Scale -Parent Version (CPAS-P) in Iranian children with autistic spectrum disorder. *Journal of Zanjan University of Medical Sciences*. 2017. *In Press*.
- Esmaili, S. K., (2013). Executive functions and frontal lobes: neural substrates. *Quarterly Journal of Contemporary Neuroscience*. 11(41-42), 22-28.
- Esmaili, S. K., (2015). Occupational therapy: A profession for increasing daily occupations in children with autism spectrum disorder. *The Voice of Autism*, 1, 7-9.

- Esmaili, S.K., (2019). Model of human occupation: A review on clinical applications in rehabilitation of children. *Scientific Journal of Rehabilitation Medicine*. (Online Published).
- Hojati Abed, E., Shafaroudi, N., Akbarfahimi, M., Zareiyan, A., Parand, A., & Karamali Esmaili, S. (2019). Persian Translation and Psychometric Properties Assessment of Self-Determination Student Scale for Adolescents. *Archives of Rehabilitation*, 20(4), 350-9.
- Abed, E. H., Akbarfahimi, M., Shafaroudi, N., Zareiyan, A. R. M. I. N., Parand, A., & Esmaili, S. K. (2020). Psychometric properties of the Persian version of self-determination parent perception scale. *Iranian Rehabilitation Journal*, 18(1), 23-30.
- Yazdani, F., Nazi, S., Kavousipor, S., Karamali Esmaili, S., Rezaee, M., & Rassafiani, M. (2021). Does covid-19 pandemic tell us something about time and space to meet our being, belonging and becoming needs?. *Scandinavian Journal of Occupational Therapy*, 1-10.
- Dashbozorgi, Z., Ghaffari, A., Esmaili, S. K., Ashoori, J., Moradi, A., & Sarvghadi, P. (2021). Effect of neurofeedback training on aggression and impulsivity in children with attention-deficit/hyperactivity disorder: a double-blinded randomized controlled trial. *Basic and clinical neuroscience*, 12(5), 693.

- Yazdani, F., Bonsaksen, T., Roberts, D., Hess, K. Y., & Esmaili, S. K. (2021). The self-efficacy for therapeutic use of self-questionnaire (SETUS): psychometric properties of the English version. *Irish Journal of Occupational Therapy*, 49(1), 20-27.

### **Book publications:**

- Editing the first edition of “Occupational therapy for children with special needs”. Publisher: Teimourzadeh. 2002.
- Editing the second edition of “Occupational therapy for children with special needs”. Publisher: Teimourzadeh. 2011.
- Translating the “Learning difficulties in children and adolescents: interdisciplinary mental health services”: Publisher: Danjeh. 2016.
- Writing the “Play and leisure in occupational therapy”. Publisher: Setayeshe hasti- 2020.
- Writing the “Guiding for application of Floortime approach”. Publisher: Setayeshe hasti- 2021.

### **Research experiences:**

- Ph.D. thesis: The impact of peer play participation on occupational adaptation process in children with specific learning disabilities according to the Model of Human Occupation.
- Master's thesis: Comparing the features of social problem solving skills in students with learning disabilities with normal students.



- Bachelor's thesis: The study of the effect of Putty exercises on the in-hand manipulation skills in children with diplegic spastic cerebral palsy.
- Member 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- 2017.
- Research project: “Investigating the effect of group play on the executive functions of children with specific learning disabilities- 2013.
- Research project: “investigating the practice of Iranian occupational therapists in the treatment of children with autism spectrum disorder-2016.
- Research project: “Developing an intervention program for sensory organization of balance control in children”- 2017.
- Research project: “Effect of Transcranial Direct Current Stimulation with and without computer assisted cognitive rehabilitation on executive functions and occupational performance of children with autism spectrum disorder 8-14 Years” – 2018.
- Research project: “The effect of functional music therapy on motor and cognitive skills of children with specific learning disabilities” – 2019.
- Research project: “Comparison of cognitive orientation to daily occupational performance (CO-OP) with current therapy approaches (CTA) on motivation and participation of children with cerebral palsy 8-12 years”- 2019.
- Research project: “Investigating the Relationship between Executive Functions and Behavioral Problems with Academic Occupations in Students with Specific Learning Disabilities- 2019.
- Research project: “Translation and Psychometric Assessment of the Gilliam Autism Rating Scale; Third Edition- 2019.

- Reviewing articles in:
  - Journal of Rehabilitation Medicine,
  - International Journal of Pediatrics,
  - Journal of Behavioral and Brain Science,
  - Journal of Autism and Developmental Disabilities
  - Applied Neuropsychology: Child
  - Middle East Journal of Rehabilitation and Health Studies
  - Iranian Journal of Psychiatry and Behavioral Sciences
  - Shahid Beheshti University Research Center,
  - Isfahan University Research Center,
  - Congress of Computer Games and its Role in Health Promotion,
  - Scientific congress of Occupational Therapy in different years, and ...
- Research Interests:
  - Childhood disorders (autism spectrum disorders, learning disabilities, attention deficit/hyperactivity disorder, behavioral disorders, anxiety disorders, cerebral palsy)
  - Play-based interventions
  - Environmental interventions in occupational therapy
  - Psychosocial interventions
  - Clinical application of advanced models and theories in occupational therapy specially the model of human occupation (MOHO).

**Workshop presented:**

- “Behavioral Therapies in Exceptional Children”- The First Exceptional Children's Conference- Faculty of Psychology and Educational Sciences, University of Tehran- 2008.

- “Application of Behavioral Therapy in Occupational Therapy for Children”- The 14th Iranian Occupational Therapy Congress- 2009.
- “Introducing Floortime/DIR in Rehabilitation of Autism”- The 16th Iranian Occupational Therapy Congress- 2011.
- “The Application of Theory of Mind in Occupational Therapy for Children”- The 17th Iranian Occupational Therapy Congress- 2012.
- “Play Interventions in Occupational Therapy for children-1” (Elementary level) - Iranian Occupational Therapy Association-2015.
- “Play Interventions in Occupational Therapy for children-2” (Advanced level) - Iranian Occupational Therapy Association-2016.
- “Top-down and bottom-up assessments of occupational therapy in children with mental disorders”- The 22<sup>nd</sup> Iranian Occupational Therapy Congress- 2018.

### **Conference presentations:**

- A lecture titled “Therapeutic Activities for PTSD” - The Second Occupational Therapy Student Seminar – 1999.
- A lecture titled “Hand Function in Children with Cerebral Palsy and Comparison with Normal Children” - The Third Occupational Therapy Student Seminar – 2000.
- A lecture titled “The Importance of Attention to Mental Functions in Children with Cerebral Palsy” - Fourth Occupational Therapy Student Seminar – 2003.
- A lecture titled “Comparing social problem solving in children with learning disabilities with normal children” - The 10th Scientific Congress of Occupational Therapy in Iran – 2004.

- A lecture titled “New Technology in Measuring and Treating Motor Planning” (Interactive Metronome = IM) - 12th Scientific Congress of Occupational Therapy in Iran - 2006.
- A Poster titled “Occupational Therapy in Chronic Fatigue Syndrome” - 12th Scientific Congress of Occupational Therapy in Iran – 2006.
- A Poster entitled “Applying the Playfulness Model for Rehabilitation of Children with Physical Disorders” - The 14th Scientific Congress of Occupational Therapy in Iran – 2008.
- A lecture entitled “The Effect of Floortime Therapy on Children with Autism Spectrum Disorders” - The 16th Scientific Congress of Occupational Therapy in Iran – 2010.
- A panel entitled “Psychosocial Interventions in Children with mental Disorders” – The 17th Scientific Congress of Occupational Therapy in Iran – 2011.
- A lecture titled “school-based occupational therapy in autism” - The first seminar of the Exceptional Children in the Week of Health – 2013.
- A lecture titled “The effect of participation in peer play on the process of occupational adaptation” - The 21st Scientific Congress of Occupational Therapy in Iran – 2015.
- A panel titled “The History of Play in Occupational Therapy” – The 21st Scientific Congress of Occupational Therapy in Iran – 2015.
- A panel titled “The role of Play in Occupational Therapy” – The 1th Conference of Occupational Therapy in Physical and Mental Disorders, Shiraz University – 2015.
- A panel titled “Play Therapy in Cancer” - The 22st Scientific Congress of Occupational Therapy in Iran – 2016.

### **Workshops attended:**

- “Sensory disorders” - 13th Iranian Occupational Therapy Congress - 2007
- “Sensory Integration” -University of Welfare and Rehabilitation Sciences – 2007
- “Handwriting” - IUMS – 2007
- “New Methods of Rehabilitation Assessment and Treatment for Children with Spastic Cerebral Palsy” - Kashan University of Medical Sciences – 2008
- “psychology in Exceptional Children” - Faculty of Psychology and Educational Sciences, University of Tehran - 2008
- “Schizophrenia and Chronic Mood Disorders: Providing Psychosocial Services and Rehabilitation” - University of Social Welfare and Rehabilitation Sciences -2009
- “Kawa model” - IUMS- 2012
- “Role of Emotion in Face Processing - 18th Scientific Occupational Therapy Congress - 2012
- “Instrumentation and Psychometric Investigation”- 19th Occupational Therapy Congress - 2013
- “Self-Reflection and Critical Thinking” - 19th Occupational Therapy Congress- 2013
- “Cognitive Rehabilitation” - 20th Occupational Therapy Congress - 2014
- “introducing Snoezelen Multisensory Room”- 2014
- “Question Designing” - IUMS- 2015
- “Qualitative research methodology”- IUMS - 2015
- “Clinical Reasoning in Rehabilitation”- IUMS - 2015
- “ Bottom-up and top-down approaches in treatment of cerebral palsy”-

Iranian Occupational Therapy Association -2015

- “Promoting Faculty Members”- IUMS – 2015
- “Evaluation in Education (OSCE)”- IUMS – 2015
- “Producing of Virtual Content in Education” (Camtesia Studio software 8, 9)- IUMS - 2016
- “Advanced Electronic Search”- IUMS - 2016
- “Qualitative research software”- IUMS - 2016
- “New Concept of Bobat Approach in Cerebral Palsy- Iranian Occupational Therapy Association -2016
- “English Writing” (Characteristics of Scientific Texts)- IUMS - 2017
- “English Writing” (Expression)- IUMS - 2017
- “English Writing” (Complex sentences)- IUMS – 2017
- “Producing Virtual Content in Education (Storyline software)”- IUMS – 2017
- “Interaction of teacher and students”-IUMS- 2017
- “Writing research proposal in NIMAD”- IUMS- 2018
- “Search strategies”- IUMS- 2018
- And ...