CURRICULUM VITAE

Name: Aida Ravarian

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QUALIFICATIONS

2018-2024 Doctor of Philosophy, Pediatric Neuro-rehabilitation Research Centre, University of Social Welfare and Rehabilitation Sciences (USWR); ***www.uswr.ac.ir***

- **Title of Thesis:** The Effect of Vestibular stimulations on Motor Performance of preterm infants in NICU

2015-2016 **Certification of Completion of Ignite** (Core Training and Mentoring Program for Neonatal Therapies), National Association of Neonatal Therapies (NANT), USA.

2002-2005 **Master of Science in Occupational Therapy**, School of Occupational Therapy, University of Social Welfare and Rehabilitation Sciences (USWR)**;** ***www.uswr.ac.ir***

- **Title of Thesis:** Investigation of the impact of massage in addition to Neurodevelopmental Treatment (NDT) techniques on gross motor milestones in infants with motor delay.

1998-2002 **Bachelor of Science in Occupational Therapy,** School of Occupational Therapy, Iran University of Medical Sciences (IUMS); ***www.iums.ac.ir***

- **Title of Research Project:** Investigation of the impact of wrist positioning on power grip.

CAREER HISTORY

Clinical

2024- Present **Assistant Professor,** Pediatric Neurorehabilitation Research Center & Occupational therapy department, University of Social Welfare and Rehabilitation Sciences (USWR), Iran.

2008 - 2024 **Founder and Team lead – Head of Occupational Therapy**
Nikan & Neo Synapse Neonatal & Pediatrics Rehabilitation Center, Tehan, Iran.

2020 - 2024 **Neonatal and Pediatric Occupational Therapist**
Ali Asghar Children's Hospital and Hazrat Rassoul Hospital, NICU and follow-up clinics, Iran University of Medical Sciences (IUMS), Iran.

2011- 2016 **Neonatal Occupational Therapist in NICU**
Arash Women Hospital, NICU and follow-up clinics, Tehran University of Medical Sciences (TUMS), Iran.

2007-2010 **Occupational Therapy Instructor & Therapist**
Saba Rehabilitation, Research and education Centre, University of Social Welfare and Rehabilitation Sciences (USWR), Iran.

2005-2007 **Occupational Therapy Instructor & Therapist**
Asma Rehabilitation, Research and education Centre, University of Social Welfare and Rehabilitation Sciences (USWR), Iran.

Research

2018 - Present **Scientific Editor and Reviewer**
BMC Pediatric Journal;
Iranian Rehabilitation Journal (IRJ).

2006 - Present **Supervisor & Co- Supervisor for PhD, Master & Bachelor students**
Department of Occupational Therapy, University of Social Welfare and Rehabilitation Sciences (USWR):
(1 PhD student & 5 master and bachelor student).
School of Nursing & Midwifery, Tehran University of Medical Sciences

(TUMS):
(3 master students).

2006-2010 **Member of Executive Research Committee**
Asma & Saba Rehabilitation, Research and Education Centre,
University of Social Welfare and Rehabilitation Sciences (USWR)

Teaching

2024-present	**Assistant Professor**, Occupational therapy department & Pediatric Neurorehabilitation Research Center, University of Social Welfare & Rehabilitation Sciences (USWR), Tehran, Iran.
2020-Present	**Neonatal Occupational Therapy for postgraduates of Occupational Therapy (duration of course: 1 year)** Iranian Ministry of Health and Medical Education, Iran.
2011-Present	**Clinical Instructor of OT undergraduate students (duration of course: 5 semester)** OT pediatric clinic, Ali Asghar Children's Hospital & Rehabilitation Center, Developmental Research and Education Centre, Iran University of Medical Sciences, Tehran, Iran.
2002-2011	**Clinical Instructor of OT undergraduate students (duration of course: 9 semester)** OT pediatric clinic, Saba and Asma children Rehabilitation, Research and Education Center, University of Social and Welfare Rehabilitation, Tehran, Iran.

AWARDS

2019	Recognition Award, Iranian Ministry of Health & Medical Education, Tehran, Iran
2016	Recognition Award, Arash hospital, Tehran, Iran
2008 & 2010	Best therapist of the year award, Asma & Saba, Rehabilitation, Research and Education Center, University of Social Welfare and Rehabilitation Sciences (USWR), Tehran, Iran

GRANTS

- **Ravarian A**., Mohammad Ali Mohseni Bandpei, Farin Soleimani, Cross Cultural Adaptation, Validity and Reliability of the Test of Infants Motor Performance, Pediatric Neurorehabilitation Research Centre, University of Social Welfare and Rehabilitation Sciences (USWR), Tehran, Iran, 2023
- **Ravarian A.**, Soleimani F., Nazi S., Kavousipour S., Early Intervention in pediatric Motor Developmental Disorders, Pediatric Neurorehabilitation, Research Centre, Ministry of Health and Medical Education, Tehran, Iran, 2021, $10,000 grant awarded.
- **Ravarian A.,** *Training of Occupational Neonatal Therapists in Iran*, 2021.

- **Ravarian A.,** Joghataei M., Pishyare E., Soleimani F., *Effects of baby massage, besides NDT techniques, on gross motor milestone on infants with motor delay*, University of Social Welfare and Rehabilitation Sciences (USWR), Tehran, Iran,2003-2006.
- Alizad V.**,** Sajedi F., **Ravarian A.**, Karimlou M., Malekkhosravi G., *Quality of lifeand family function of mothers of children with CP*, Saba Rehabilitation, Research and Education Center, University of Social Welfare and Rehabilitation Sciences (UWRS), Tehran, Iran, 2006-2008.

- **Ravarian A.**, Sakhayian N., *Investigation of cultural and economic situation in the families with disabled pediatrics*, Cultural Heritage, Tehran, Iran, 2005-2007.

PUBLICATIONS

National Guidelines (n=3)

- Heidarzadeh M., Habibollahi A., Rastkar E., Ranjbar A., **Ravarian A.,** *Positioning of Preterm Infants in NICU (Country Guideline)*, Ministry of Health and Medical Education of Islamic Republic of Iran, 2021.

- Sadeghimoghadam, P**.,** Heidarzadeh M., Habibollahi A., **Ravarian A.,** *et all*, *Early Rehabilitation in Infants with Asphyxia*, Ministry of Health and Medical Education of Islamic Republic of Iran, *In Press*.

Book Chapter (n=2)

- Soleimani, F. Nazi, S. Kavousipor, S. **Ravarian, A.** (2020) *Early Intervention in Infants with Motor Developmental Delay***,** in Vameghi, R. *Early Intervention in Children with Motor Developmental Disorder,* University of Social Welfare & Rehabilitation Sciences (USWR) press, pp 5-83

- **Ravarian A.,** Moghadam K., (2022), *Occupational Therapy in Palliative Therapy for infants and children***,** in M. Kadivar**,** *Palliative therapy in neonates and children***,** Tehran University of medical sciences (TUMS) press, *2023.*

Journals (n= 14)

- **Ravarian A**, Mohseni Bandpei MA, Soleimani F, Rahmani N, Sajedi F., The effects of Rhythmic Maternal Movements (RMM) on motor performance of premature infants admitted at the NICU: A Double Blind Randomized Clinical Trial (RCT). **Under submission**
- Mokhlesin M., Yadegari F., Noroozi M., **Ravarian A.**, and Ghoreishi Z. "Effect of

action observation training on the oral phase of swallowing in children with cerebral palsy: a pilot randomized controlled trial." Logopedics Phoniatrics Vocology 49, no. 4 (2024): 188-196.

- **Ravarian A.**, Soleimani F., Rahmani N., Sajedi F., Shaabani M., Noroozi M., & Mohseni-Bandpei MA., Designing Study Protocol: The Effects of Rhythmic Maternal Movements on Motor Performance of Preterm Infants Hospitalized in a Neonatal Intensive Care Unit: A Randomized Controlled Clinical Trial. Iranian Journal of Neonatology 15.1 (2024).
- **Ravarian A,** Rahmani N, Soleimani F, Sajedi F, Noroozi M, Campbell SK, Mohseni-Bandpei MA. Test of infant motor performance: Cross-Cultural Adaptation, Validity and Reliability in Persian infants. Early Human Development. 2023 Sep 1;184: 105831.
- **Ravarian A**, Mohseni Bandpei MA, Soleimani F, Sajedi F, Rahmani N. The Effects of Vestibular Stimulations on Neurodevelopment, Growth and Vital Signs of Preterm Infants: A systematic review. International Journal of Pediatrics. 2022 Sep 20.
- **Ravarian A.**, Vameghi R., Heidarzadeh M., Nariman S., Sagheb S., Nori F., Saeedershadi F., Norozi M., *Factors Influencing the Attendance of Preterm Infants to Neonatal Follow up and Early Intervention Services Following Discharge from NeonatalIntensive Care Unit during First Year of Life in Iran,* Iran J Child Neurol. 2018, 12(1), 67-76
- **Ravarian A.**, Nariman S., Noori F., Saeid Ershadi F., Shahrokhi A., Noroozi M., Vameghi R., *Cerebral Tissue Oxygenation in Postural Changes in Mechanically Ventilated Preterm Newborns Less than 72 Hours after Birth*, Iranian Journal of Pediatrics, 2017, 27(5)
- **Ravarian A.**, Zadeh Mohammadi A., Moghaddam K., Sharifi Daramd P., Saeid Ershadi F., Afrooz A., *Art Therapy and Marital Satisfaction of children with Autism spectrum disorder's parents*, QUID Investigacion, Ciencia y Tecnologia, 2017, 1, 100-107
- **Ravarian A.**, Moghaddam K., Saeid Ershadi F., *The Role of Occupational Therapy on Improvement of Skills in Children with Epilepsy*, The Neuroscience Journal of Shefaye Khatam, 2018, 6(3), 31-31
- Noori F., Nariman S., Rahmiaan H., Sadat-Hoseini A.**, Ravarian A.,** *The effect of non-nutritive sucking by mothers on full oral feeding attainment in preterm neonates*, J Compr Ped, 2018, 9(1), e59657
- Sajedi F., Vameghi R., Alizad V., Malek Khosravi Gh., Karimloo M., **Ravarian A.**, Shahshahani Poor S., *Is anxiety more common in mothers of children with cerebral palsy?*, Journal of Rehabilitation, 2011, 11(545), 15-20
- Moghaddam K.**, Ravarian** A.**,** Saied Ershadi F., Gorji A., *The importance of theatre therapy (psychodrama) in the treatment of children and adolescents with Autism spectrum disorder*, The Neuroscience Journal of Shefaye Khatam, 2019, 7(2), 107-115
- Alizad V., Malekkhosravi Gh., Karimlou M.**, Ravarian A.**, *Sajedi F., Family function of*

children with Cerebral Palsy and its relation to the severity and type of cerebral palsy, Payesh Journal: 2010, 9(4), 385-390

- Moghaddam K., **Ravarian A.**, Saeid Ershadi F., *Painting Therapy in Improvement of the Symptoms of Children with Autism Spectrum Disorder*, Psychology and Behavioral Sciences , 2019, 8(3), 79-84

Conference Presentations (n = 12)

- **Ravarian A,** Nabian H., Maleki A., Saeed Ershadi F., Anatomic Orthopedic Problems in children, Annual Congress of Iranians Society of Pediatrics, 2025

- **Ravarian.A,** Mohagheghi P., Heidarzadeh M**.,** (Panel discussion), *Early Rehabilitation in High-Risk Infants, The First National Congress of Pediatric Rehabilitation, 2025, Tehran, Iran.*

- **Ravarian A.,** Soleimani F., Sadeghi N., Nori M., *" Neurodevelopment, Early Detection and Early Intervention in Children with Neurodevelopmental Disorder ", 13th Neuroscience Congress, 2025*

- **Ravarian A.,** Mohagheghi P., Vafaii Shahi M., Riyahi A., Invited chairing responsibilities in Early detection, *Screening and Early Intervention of Infants and pediatric with cerebral palsy panel*, 2022

- **Ravarian A**., *Oral Motor Management in preterm infants, 8th Iranian Neonatal Health Congress* (Virtual), Tehran, Iran, 2022

- **Ravarian A.,** *Developmental Care of preterm infants in NICU*, 2022

- **Ravarian A.,** *follow up after NICU in preterm infants*, 2020

- **Ravarian A.,** *The Roles of Occupational Neonatal Therapists in NICUs*, 2019

- **Ravarian A.,** *Early Occupational Therapy in infants with Asphyxia*, 2018

- **Ravarian A.,** *Effect of educational application of Family-Centered painting techniques in improvement of the symptoms of children with Autism Spectrum Disorder (ASD)*, 4th international conference on Recent Innovations in Psychology, Tehran, Iran, 2017

- **Ravarian A.,** *Sensory stimulation & infants massage*, 6th workshop of Assessment and Intervention in Development of infants in NICU, 2009, University of Social Welfare & Rehabilitation, Tehran, Iran, 2009

- **Ravarian A.,** *Early intervention in occupational therapy*, 13th Occupational therapy congress, Tehran, Iran, 2008

- **Ravarian A.,** *Positive touch & baby massage on infants*, 19th International Congress of Pediatrics, Tehran, Iran, 2007

- **Ravarian A.**, *Sensory Integration and cerebral palsy,4th student seminar of occupational therapy*, Tehran, Iran, 2003

- **Ravarian A.,** *Investigation of the effects of wrist positioning on power grip*, 9th Occupational therapy congress, Tehran, Iran, 2002

Workshop Presentations (n = 5)

- **Developmental care & Positioning in preterm and high risk infants in NICU:** (15 x 4 hours), Iran, 2018-2025

- **Pain management for preterm infants in NICU** (2 hours), University of Social Welfare & Rehabilitation (USWR), 2020

- **Sensory stimulation & infants massage,** 6th workshop of Assessment and Intervention in Development of infants in NICU, 2009, University of Social Welfare & Rehabilitation (USWR), Tehran, Iran

- **Positive touch & baby massage on infants**,19th International Congress of Pediatrics, Tehran, Iran, 2007

- **Occupational therapy in NICU**, 2nd workshop of infants & environmental factors in NICU, University of Social Welfare & Rehabilitation (USWR), Tehran, Iran, 2005

MEDIA COVERAGE

- **Ravarian A., (2020-2021).** TV Interview Series titled "Occupational Neonatal Therapy and Screening and early Intervention in NICUs" for pediatricians. (www.behdasht.tv/program)

- **Ravarian A., (2019**). Protagonist in a documentary titled "Occupational therapy beyond a miracle" about my patient and my work, made by Iran Health Ministry for general population. (www.behdasht.tv)

UNIVERSITY AND PROFESSIONAL SERVICES

2016-present	**Member of academic board of the National Neonatal Care,** Department of Neonatology, Iran Ministry of health and Medical Education, Tehran, Iran
2022	**Member of Scientific Committee**, the 8th Iranian Neonatal Health Congress (Virtual), Tehran, Iran

2020	**Membership in the Committee for the Development of Clinical Guidelines for Infants with Motor Disorders,** University of Social Welfare and rehabilitation Sciences **(**USWR), Tehran, Iran
2019	**Member of Scientific committee**, the 6th Iranian Neonatal Health Congress, Tehran, Iran
2015	**Member of Scientific Committee**, the 20th Iranian Occupational Therapy Congress, Tehran, Iran
2014	**Member of executive committee**, the 19th Iranian Occupational Therapy Congress, Tehran, Iran

PROFESSIONAL MEMBERSHIP

2002-Present	Iran Medical Council
2002-Present	Iranian Occupational Therapy Association
2010-2017	National Association of Neonatal Therapists (NANT), USA

SELECTED PROFESSIONAL DEVELOPMENT

2022	**Certificate of General Movements (GMs),** Pediatric Neuro-rehabilitation Centre, University of Social and Welfare Rehabilitation (USWR)
2021	**Certificate of Test of Infant Motor Performance (TIMP)** *Note: Translation and reliability of TIMP under supervision of Prof. Campbell, Suzann K. (i.e. developer of TIMP) for preterm infants in NICUin Iran. I am approved as* ***nominated certifier*** *for TIMP test in Iran.*
2018	**Certification of Kangaroo Mother Care Workshop,** Ministry of Healthand Medical Education of Islamic Republic of Iran and UNICEF-Iran Country Office
2016	**Certification of Completion of the use of the Bayley *III,*** NANT *(online),* USA
2016	**Introduction to the Test of Infant Motor Performance,** NANT (online), USA
2016	**Follow-up program by Infant Behavioral Assessment and Intervention Program (IBAIP) in the Evolutionary Care Program**

2016	**Comprehensive care approaches in neonatal wards, Newborn Individualized Developmental Care and Assessment Program (NIDCAP),** by Prof. Heidelise Als and Dr. Nikk Conneman, Iran

Referees

Can be provided upon request.