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EDUCATION

- 2016-2020** PhD in Physiotherapy, Ahvaz Judishapur University of Medical Sciences, Ahvaz, Iran
- 2009-2012** MSc in Physiotherapy, University of Social Welfare and Rehabilitation Sciences, Tehran, Iran
- 2003-2007** BSc in Physiotherapy, Iran University of Medical Sciences and Health Services, Tehran, Iran

CAREERS

- 2022-2022** **Vice President of Office for Post-graduate Students**, Isfahan University of Medical Sciences, Isfahan, Iran
- 2020-Present** **Coordinator of Internship Programs**, School of Rehabilitation, Isfahan University of Medical Sciences, Isfahan, Iran
- 2019-Present** **Member of Research Council**, Musculoskeletal Disorders Research Center, Isfahan University of Medical Sciences, Isfahan, Iran
- 2015-2016** **President of Student Research Committee**, School of Rehabilitation, Isfahan University of Medical Sciences
- 2015-Present** **Member of Aging Committee**, Isfahan University of Medical Sciences, Isfahan, Iran
- 2014-2015** **Vice President of Student Research Committee**, School of Rehabilitation, Isfahan University of Medical Sciences
- 2012-Present** **Secretary** of Geriatric Branch of the Iran Association of physiotherapy
- 2012-Present** **Lecturer** of Physiotherapy Department, Isfahan University of Medical Sciences, Isfahan, Iran
- 2012-Present** **Senior Physiotherapist**, Abolfazl Rehabilitation Center, Isfahan, Iran
- 2011-2012** **Physiotherapist**, Yas Geriatric Rehabilitation Center, Tehran, Iran
- 2011-2012** **Physiotherapist**, Iran Taekwondo Federation, Tehran, Iran
- 2010- 2012** **Lecturer** of Physiotherapy Department, University of Social Welfare and Rehabilitation Sciences, Tehran, Iran

- 2009-2012** **Physiotherapist**, Hasheminejad Nursing Home (Rayhaneh Charity Institute), Tehran, Iran
- 2008-2009** **Physiotherapist**, Charity Foundation of Special Disease, Tehran, Iran
- 2007-2008** **Physiotherapist**, Mehr Nursing Home, Tehran, Iran

PROFESSIONAL MEMBERSHIPS

- 2007-Present** Medical Council, I.R. Iran
- 2012-Present** Iranian Physiotherapy Association

PUBLICATIONS

- **Baharlouei H**, Salehinejad MA, Talim Khani A, & Nitsche MA (2023). The effect of non-invasive brain stimulation on gait in healthy young and older adults: a systematic review of the literature. *Neuroscience*. 516, 125-140; DOI:10.1016/j.neuroscience.2023.01.026
- Pol F, **Baharlouei H**, Taheri A, Menz HB, & Forghany S (2021). Foot and ankle biomechanics during walking in older adults: A systematic review and meta-analysis of observational studies. *Gait Posture*. 26 (89),14-24; DOI:10.1016/j.gaitpost.2021.06.018
- Pol F, Salehinejad MA, **Baharlouei H**, & Nitsche MA (2021). The effects of transcranial direct current stimulation on gait in patients with Parkinson's disease: A systematic review. *Translational Neurodegeneration*, 10 (1), 22; DOI: 10.1186/s40035-021-00245-2
- Esfandiari A., Mostamand J., & **Baharlouei H**. (2020). The Effect of Quadriceps Kinesiotaping on the Dynamic Balance of Young Healthy Women After Fatigue: A Randomized Controlled Trial. *Journal of Bodywork and Movement Therapies*, 24(4), 462-467; DOI: 10.1016/j.jbmt.2020.06.036
- **Baharlouei H.**, Sadeghi-Demneh E., Mehravar M., Manzari P., Yazdi M. J. S., Joghataei M. T., & Jaberzadeh S. (2020). Comparison of Transcranial Direct Current Stimulation of the Primary Motor Cortex and Cerebellum on Static Balance in Older Adults. *Iranian Red Crescent Medical Journal*, 22(3), 26; DOI: 10.5812/ircmj.96259
- **Baharlouei H**, Saba, M. A., Yazdi, M. J. S., & Jaberzadeh, S. (2020). The effect of transcranial direct current stimulation on balance in healthy young and older adults: A systematic review of the literature. *Neurophysiologie Clinique*, 50(2), 119-131; DOI: 10.1016/j.neucli.2020.01.006
- Mahmoudzadeh A, Abbaszadeh S, **Baharlouei H**, & Karimi A. (2020). Translation and Cross-cultural Adaptation of the Fremantle Back Awareness Questionnaire into Persian language and the assessment of reliability and validity in patients with chronic low back pain. *Journal of Research in Medical Sciences*, July 27; 27:54; DOI: 10.4103/jrms.JRMS_386_19
- Shafizadegan, Z., **Baharlouei, H.**, Khoshavi, O., Garmabi, Z., & Fereshtenejad, N. (2020). Evaluating the short-term effects of kinesiology taping and stretching of gastrocnemius on postural control: A randomized clinical trial. *Journal of Bodywork and Movement Therapies*, 24(2), 196-201; DOI: 10.1016/j.jbmt.2019.11.003

- Rahbari, A., Dehestani, M., & **Baharlouei, H.** (2019). Psychometric characteristics of the Persian version of the Injustice Experience Questionnaire. *Psychological injury and law*, 12(3), 238-246; DOI: 10.1007/s12207-019-09344-y
- Afkhami, Z., Mirbod, M., Rezaeian, Z., Gh, S., ShirYazdi, M., & **Baharlouei, H.** (2019). Effect of a Rehabilitation Program with or Without Kinesio Tape on Shoulder Pain and Function after Mastectomy in Women with Breast Cancer. *Iranian Quarterly Journal of Breast Disease*, 11(4), 7-16; DOI:10.30699/ACADPUB.IJBD.11.04.7
- Azadeh, H., Fekri, A., Amraie, H., Roostaei, M., & **Baharlouei, H.** (2018). The correlation between rates of falling, balance, quality of life and fear of falling in patients with chronic stroke. *Archives of Rehabilitation*, 19(1), 36-43; DOI: 10.21859/jrehab.19.1.36
- Roostaei, M., **Baharlouei, H.**, Azadi, H., & Fragala-Pinkham, M. A. (2017). Effects of aquatic intervention on gross motor skills in children with cerebral palsy: a systematic review. *Physical & occupational therapy in pediatrics*, 37(5), 496-515; DOI: 10.1080/01942638.2016.1247938
- **Baharlouei, H.**, Khoshavi, O., Garmabi, Z., Fereshtenejad, N., & Shafizadegan, Z. (2017). Comparing the immediate effects of Kinesiotaping and stretching of gastrocnemius on balance in elderly. *Journal of Mazandaran University of Medical Sciences*, 27(149), 99-110.
- Panah, S. H., **Baharlouei, H.**, Rezaeian, Z. S., & Hawker, G. (2016). Cross-cultural adaptation and validation of the Persian version of the Intermittent and Constant Osteoarthritis Pain Measure for the knee. *Iranian journal of nursing and midwifery research*, 21(4), 417; DOI: 10.4103/1735-9066.185595
- Nodehi-Moghadam, A., Taghipour, M., Alibazi, R. G., & **Baharlouei, H.** (2014). The comparison of spinal curves and hip and ankle range of motions between old and young persons. *Medical journal of the Islamic Republic of Iran*, 28, 74.
- **Baharlouei, H.**, Salavati, M., Akhbari, B., Mosallanezhad, Z., Mazaheri, M., & Negahban, H. (2013). Cross-cultural validation of the Falls Efficacy Scale International (FES-I) using self-report and interview-based questionnaires among Persian-speaking elderly adults. *Achieve of Gerontology and Geriatrics*, 57(3), 339-344; DOI: 10.1016/j.archger.2013.06.005
- **Baharlouei, H.**, & Nodehi-Moghaddam, A. (2012). Correlation between Body Mass Index and postural balance in elderly. *Archives of Rehabilitation*, 12, 54-59.

BOOKS

- **Baharlouei H.**, *Transcranial Direct Current Stimulation in Rehabilitation* (2018), Setayeshe Hasti, Tehran, Iran (In Persian)
- **Baharlouei H.**, Roustaei M (2016), *Exercise Prescription in Older Adults*, Darkhovein, Isfahan, Iran (In Persian)

INTRNATIONAL RESEARCH PROJECT

- Dialogues on Disability and Inclusion between Isfahan and Hamburg, Project application within the German Academic Exchange Service (DAAD) program (2017-2019)

REVIEWING ACTIVITY

For Journals

- Archive of Gerontology and Geriatrics
- BMC Geriatrics
- Journal of Bodywork and Movement Therapies

For research centers

- Musculoskeletal Disorders Research Center, Isfahan University of Medical Sciences, Isfahan, Iran

For International Congress

- World Physiotherapy Congress

PRESENTATIONS

- 2023 The Effect of M1 tDCS on Balance in Faller and Non-faller Older Adults;** Annual Congress of the Iranin Physiotherapy Association, Tehran, Iran
- 2022 Exploring the Brain in Older Adults using Transcranial Direct Current Stimulation;** National Brain Mapping Laboratory, Tehran, Iran (online)
- 2021 The Effect of Transcranial Direct Current Stimulation on Gait in People with Parkinson's Disease;** 3rd International Conference on Medical and Health Sciences, Bingol, Turkey (online)
- 2021 The Effect of Transcranial Direct Current Stimulation on Improving Function in Athletes;** International Conference on Sports Injury Prevention, India (online)
- 2019 Comparing The Cerebellar Versus Primary Motor Cortex Transcranial Direct Current Stimulation on Balance in Older Adults,** International Congress of Physiotherapy, Tehran, Iran
- 2018 The Effect of Transcranial Direct Current Stimulation on balance in older adults,** Congress of Geriatrics, Rasht, Iran
- 2017 The Effect of Transcranial Direct Current Stimulation on Knee Osteoarthritis,** Congress of Osteoarthritis, Isfahan, Iran
- 2017 Reliability and Validity of the Persian version of Short Falls Efficacy Scale International in Iranian Elderly Adults: Results of Self-Report and Interview Mode of Administration,** Congress of Physiotherapy, Teheran, Iran
- 2016 Physical activity in Older Adults,** National Congress of Education and Health Services, Individual, Familial, Community, Isfahan, Iran
- 2015 The Effect of Inhibitory and Faciliatory Kinesiotaping of Gastrocnemius Muscle on Balance in Patient with Multiple Sclerosis,** Congress of Physiotherapy, Teheran, Iran

- 2014 The Effect of Electromagnetic Field on Hyaline Cartilage,** Electrotherapy Congress, Teheran, Iran
- 2013 The Parameters of Exercise Therapy in Patients with Depression,** Congress of Manual Therapy and Exercise Therapy, Teheran, Iran
- 2011 The Effect of Otago Exercise in Reducing Rate of falling and Mortality Among Elderly People,** Congress of New Approaches in Rehabilitation of Motor Disorders, Isfahan, Iran
- 2011 The Effect of Tai Chi in Reducing Fall Among Elderly People,** Congress of New Approaches in Rehabilitation of Motor Disorders, Isfahan, Iran

WORKSHOP/Webina INSTRUCTION

- 2023 Physiotherapy in Patients with Parkinson's Disease,** Tehran University of Medical Sciences, Online
- 2023 Physiotherapy in Balance Deficiency,** Tehran University of Medical Sciences, Online
- 2023 Neuroscience for Physiotherapists,** Tehran University of Medical Sciences, Online
- 2022 Transcranial Direct Current Stimulation in Neurological Disease,** Tehran University of Medical Sciences, Online
- 2022 Physiotherapy in Spinal cord Injury,** Tehran University of Medical Sciences, Online
- 2022 Physiotherapy in Multiple Sclerosis,** Tehran University of Medical Sciences, Online
- 2021 Management and Prevention of Fall in Older Adults;** Iranian Physiotherapy Association; Online
- 2020 Transcranial Direct Current Stimulation;** Elected Congress, Tehran, Iran
- 2019 Neurological Assessment;** Welfare Organization, Tabriz, Iran
- 2018 Neurological Assessment;** Welfare Organization, Isfahan, Iran
- 2018 Transcranial Direct Current Stimulation;** Gilan University of Medical Sciences, Rasht, Iran
- 2017 Exercise Prescription for the Elderly,** Ahvaz Physiotherapy Association, Ahvaz, Iran
- 2017 Evidenced Based Physiotherapy,** Isfahan University of Medical Sciences, Isfahan, Iran
- 2016 Exercise Prescription for the Elderly,** Rasht University of Medical Science, Rasht, Iran
- 2015 Kinesiotaping,** Isfahan University of Medical Science, Isfahan, Iran
- 2015 Osteoporosis,** Isfahan University of Medical Science, Isfahan, Iran
- 2015 Exercise therapy in patients with stroke,** Isfahan University of Medical Science, Isfahan, Iran
- 2015 Physiotherapy in patient with facial nerve palsy,** Isfahan University of Medical Science, Isfahan, Iran

2013 Exercise Prescription for the Elderly, Isfahan University of Medical Science, Isfahan, Iran

TEACHING BACKGROUND

- 19 semesters experience in teaching **Internship for Physiotherapy** for Under-graduate physiotherapy students (physiotherapy in neurological conditions and geriatric physiotherapy)
- 2 semesters experience in teaching **Internship for Physiotherapy** for MSc physiotherapy students (physiotherapy in patients with Multiple Sclerosis)
- 9 semesters experience in teaching **Physiotherapy for Cerebral Palsy** course for Under-graduate physiotherapy students
- 3 semesters experience in teaching **Physiotherapy for Stroke Patients** course for Under-graduate physiotherapy students
- 5 semesters experience in teaching **PNF Techniques** course for Under-graduate physiotherapy students
- 2 semesters experience in teaching **Physiotherapy for Rheumatic disease** course for Under-graduate physiotherapy students
- 1 semester experience in teaching **Physiotherapy for Neurological Conditions** course for Under-graduate physiotherapy students
- 2 semesters experience in teaching **Rehabilitating Research** course for MSc students
- 2 semesters experience in teaching **Seminar** course for MSc students
- 1 semester experience in teaching **Evidenced Based Physiotherapy** course for Under-graduate physiotherapy students

SPECIFICATIONS

- 2022 Data Engineering with Python Programming Language**, Interdisciplinary School, Tehran, Iran
- 2022 Introduction to PsychoPy**, Interdisciplinary School, Tehran, Iran
- 2022 Comprehensive Course on Magnetic Resonance Imaging (MRI)**, National Brain Mapping Lab, Tehran, Iran
- 2022 Research in Neuroscience and Cognitive Sciences**, Interdisciplinary School, Tehran, Iran
- 2022 Comprehensive Course on Non-Invasive Brain Stimulation**, National Brain Mapping Lab, Tehran, Iran
- 2022 Clinical Neurosciences**, Tehran University of Medical Sciences, Tehran, Iran
- 2019 Transcranial Direct Current Stimulation**, Leibniz Research Centre for Working Environment and Human Factors, In: Tehran, Iran
- 2018 Transcranial Direct Current Stimulation**, Iranian Association of Neurosciences, Tehran, Iran
- 2017 Visceral Manipulation**, University of North Georgia, In: Isfahan, Iran
- 2016 Physiotherapy for Shoulder**, Isfahan Physiotherapy Association, Isfahan, Iran

- 2015** **Physiotherapy for Lumbo-Pelvic-Hip**, University of North Georgia, In: Isfahan, Iran
- 2014** **Integrated Manual Therapy for the Spine**, Manual Concepts (Australia), Isfahan, Iran
- 2013** **Kinesio Taping** (KT1, KT2, KT3), Kinesio Taping Association International, Isfahan, Iran
- 2013** **Myofascial Release**, University of North Georgia, In: Isfahan, Iran
- 2013** **Dry Needling**, University of North Georgia, In: Isfahan, Iran
- 2010** **Interpretation of Radiological Findings**, University of Social Welfare and Rehabilitation Sciences, Tehran, Iran
- 2009** **Kinesio Taping**, University of Social Welfare and Rehabilitation Sciences, Tehran, Iran

AWARDS

- 2014** Second Technology Idea (Virtual Reality), First Annual Research Festival, School of Rehabilitation Sciences, Isfahan University of Medical Sciences, 2014

LANGUAGE SKILL

English: IELTS: 6.5

German: B1

LEISURE ACTIVITIES

- Travel
- Photography
- Qi Gong training: Senior member of YMAA-Iran
- Persian poem: publishing a book on selected Persian poems: Simorgh (2016)

Updated: May. 2023