

Danial Nejadmasoom

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Research Interests

- Psychology of Pain, Brain top-down regulation, Psychological (Neuro-cognitive) Interventions, Hypnosis, Neural basis of psychotherapy

Education

- **MSc, General Psychology** – Zanjan University, Zanjan, Iran. **Aug. 2023 – Present**
- **BSc, Psychology** – Islamic Azad University of Chalus, Chalus, Iran, **Sep. 2019 –Sep. 2023**
GPA: 18.57/20
- **Diploma, Empirical Science** – Payame Danesh High School, Nowshar, Iran. **Sep. 2016 – June. 2019**

Oral and Poster Presentations

Oral Presentation:

1. **D. Nejadmasoom**, Hypnotic Insights for the Cue-Induced Retrieval and Reconsolidation with Episodic Foresight (CIREF) Framework: A Review of the Neural Mechanisms for Reshaping Drug-Related Memories. 16th Internation Addiction Scince Congress (ASC-2023), Tehran, Iran. (Published)
2. **D. Nejadmasoom**, SD. Siadat. Hypnotic-based neuro-modulation in gut-brain axis dysregulation. The 10th Basic and Clinical Neuroscience Congress(BCNC-2021), December 2021. Tehran, Iran. (Published)

Poster Presentation:

1. **D. Nejadmasoom**, H. Jafarirad, S.S. Al-hashemi. Augmented Learning: Exploring the Education Through Augmented Reality.1st National Conference on Artificial Intelligence in Education and Learning (Aiedu2024), Tehran, Iran. (Published)
2. **D. Nejadmasoom**, A. Faerman. Hypnothechnology: Implication of technology in Hypnosis. The 1st International Congress of Artificial Intelligence in Medical Sciences (AIMS-2023), Kish, Iran. (Published)
3. **D. Nejadmasoom**. Virtual Reality Hypnosis: a cognitive intervention for motor function improvement. The 6th International USERN Congress, November 2021. Tehran, Iran. (Published)

Journal Articles

1. **D. Nejadmasoom**, I.Zakariapour, J. Alizadehgoradel, J. Salehi, R.L Perri. tDCS-Augmented Hypnosis for Pain: A Pilot Randomized, Double-Blind, Crossover Study with Baseline EEG as a Predictor of Treatment Response (**pre-submission**)
2. R. Abbasi, **D.Nejadmasoom**, Effect of Placebo Interventions on Eating-Related Behaviors and Their biomarkers: A systematic review (**Ongoing**)
3. **D. Nejadmasoom**, J. Alizadehgoradel, R.L Perri. Combination of cathodal tDCS and Hypnosis on Symptoms of Restless Leg Syndrome: A Case Report (**Under review**)
4. J.Alizadehgoradel, **D. Nejadmasoom**, Z. Bigdeli, M. Taherifard, M. A Nitsche. Tolerability and Safety of 30 Intensified Transcranial Direct Current Stimulation (tDCS) Sessions in Entomophobia Treatment (**Under Review**)
5. **D. Nejadmasoom**, A. Mirshahi. Palliative Care, Psychological Interventions, Personalized Medicine: The Triple “P” approach to Enhance Quality of Life and Well-being. <https://doi.org/10.32388/VQFFAI.2> (**Published**)
6. **D. Nejadmasoom**, R. Rizzo, S. Shrama, M. Jensen, K. Saleki, A. Pathak. [Effects of hypnosis on clinical pain: An overview of systematic reviews and meta-analyses.](#) (**Ongoing**)
7. **D. Nejadmasoom**, M. Ebrahimi, [Effects of Motor Imagery and Hypnosis for improving motor function: A Review of Implications and Neural mechanisms,](#)
8. **D. Nejadmasoom**, A. Fathi Juzdani, A. Faerman. Hypnotechnology: Effective roots in the past, insightful branches for the future. (**Ongoing**)
9. **D. Nejadmasoom**, K. Saleki, SD. Siadat. Microbiome changes, as a potential mechanism of the effectiveness of Psychological Interventions. (**Ongoing**)
10. **D. Nejadmasoom**, Hypnoanalgesia: A Bridge Between Neuroscience and Clinical Settings. Interv Pain Med Neuromod.2(1):e127650. Doi: 10.5812/ipmn-127650. (**Published**)

Book Publications

Authorship:

1. **D. Nejadmasoom**, S.S. Alhashemi. [Comprehensive sleep guide: Healthy sleep with a healthy brain](#), 2023, Parlaq Qalam, ISBN: 978-622-7972-74-0. (Published)
2. S.S. Alhashemi, S. Mehrabi, **D. Nejadmasoom**. [Approaches to Healthy Aging: Prevention of Alzheimer's and Other Cognitive Disorders](#), 2021, Parlaq Qalam, ISBN: 987-622-6993-65-4. (Published)

Translation:

1. **D. Nejadmasoom**. A Million Things to Ask a Neuroscientist: Brain made easy, M. Tranter, 2021. (**Pre-market process**)
2. **D. Nejadmasoom**. Fight Right: How Successful Couples Turn Conflict Into Connection, J. Gottman, J. S. Gottman, 2024. (**In progress**)

Professional Membership

- International Society of Hypnosis (ISH) **2021 – 2022**
- Iranian Neuroscience Society (INS) **2020 – 2021**
- Iranian Psychology Association (IPA) **2020 – 2021**

Executive and Voluntary Experiences

University of Zanjan

- **1st International Cancer Prevention Congress** – Part-time **2024 - Present**
 - Member of Student Committee
- **Research Assistant** - Part-time
As a Master's student at the University of Zanjan, I have the pleasure of assisting Dr. Jaber Alizadeh with his research projects. My job is to keep things running smoothly, ensuring we stay on track and work together effectively. **2023 - Present**

Sadra Neuroscience Association

2020 – Present

- **Core director**, Developmental Neuroscience Core
 - Programming and organizing scientific events
 - Inviting researchers from all around the world
 - Lecture in Neuroscience Journal clubs

• Writer, News work-group, ◦ Writing about new neuroscientific studies	2021 – 2022
Brain Gym Academy	
• Content Producer ◦ Writing about the biography of Neuroscience researchers	2022 – 2023
Universal Scientific Education and Research Network (USERN), Central Office	
• Offices Administrative ◦ Managing and Programming for More than 20 USERN Offices, Executive Directors in Iran's Universities ◦ Evaluation of USERN Offices ◦ Organizing scientific events ◦ Communicate with Universities' Deputies for Establishing the USERN Office • Offices Publicity In-Charge ◦ Managing USERN Offices' Social Media activities. • Member of Executive Committee, The 6th International USERN Congress 2021 ◦ Writing News about lectures ◦ Online workshop backup operator	2022 – 2023
	2021 – 2022
USERN Shahid Beheshti University of Medical Sciences Office	
• Event Organizer in Medical Sciences	2020 – 2022
Science Journalism	
• Dideno Student Journal, Islamic Azad University of Chalus ◦ Owner ◦ Executive Director ◦ Member of Editorial Board • Ideal Student Intelligence Journal, Kharazmi University ◦ Member of Editorial Board • Broca Student Journal, Guilan University ◦ Member of Editorial Board	2019 – 2023

Work Experiences

Noavaran Faragir Salamat (Nafas)	
• Chief Executive Officer	2025- Present
Ravanamooz	
• Content Specialist	2024 – 2025
Anatomyar Startup , Mofid Innohub	
• Research and Development Manager	2022 – Present
Alzheimer Scientific Startup , Samsung AUT Tech Center, Amir-Kabir University	
• Research Fellow	2020 – Present
Sepanta Zist Apadana , Biology Education Company	
• Website Writer and Translator	2020 – 2021

Awards and Honors

- [The first rank in the field of technology and educational services](#), The first startup event of new educational technologies in Sarcheshmeh copper complex, Rafsanjan
- [The top rank in the technological startups section](#) by the Anatomyar team, Sheikh Al-Raees National Festival
- **Appreciated the Student** as a cultural activist, Islamic Azad University of Chalus.
- **Selected workshop organizer** in the simultaneous event of USERN SBMU Office with the 6th USERN International Congress 2021.
- **Worthy and appreciated speaker** in the third round of the USERN Mtalk competition.
- **Worthy and appreciated speaker** in the scientific competition of cognitive sciences of Cog Talk 2.

Certificates

- **Neuroscience Courses**
 - **tES electrical brain stimulation and clinical and research applications (8 h)** – Dr. Ali Salehi Nejad, PhD, Department of Psychology and Neuroscience, Leibniz Institute.
 - **Electrical brain stimulation workshop (7h)**, Dr. Hamed Ekhtiari, MD, PhD, Brain Gym Academy.
 - **Essentials of Applied Neuroscience (25h)** – Dr. Mir-Shahram Safari, PhD (Shahd Beheshti University), Neurosafari.
 - **Neurocognitive Brain Intervention for Brain Resilience (8h)** – Dr Hamed Ekhtiari, MD, PhD, and Dr.Tara Rezapur, PhD, Brain Gym Academy.
 - **Cognitive Functions of Excellence: From Assessment to Change (21 h)** – Dr. Hamed Ekhtiari, MD, PhD, and Dr.Tara Rezapur, PhD, Brain Gym Academy.
 - **Children's Brain Gym trainer (12h)**, Dr. Hamed Ekhtiari, MD, PhD, and Dr.Tara Rezapur, PhD, Brain Gym Academy.
- **Hypnosis Courses**
 - **Hypnotherapy workshop (60h)**, Dr. Enayat Shahidi, MD, PhD, and the International Society of Hypnosis
 - **Applying Hypnosis in Treating Depression (3h)**, Dr. Michael Yapko, PhD, Asian Society of Hypnosis and Hypnotreatment.
 - **Hypnotic approaches in Pain control (3h)**, Prof. Mark.P.Jensen, PhD, Asian Society of Hypnosis.
 - **Transformation: Hypnosis in Brain and Body (1h)**, Dr. David Spiegel, National Center for Complementary and Alternative Medicine (NCCIH).
 - **Hypnosis in Neuroscience and Cognitive Psychology (8h)**, Dr. Anoshiravan Zahedi, Shenakht Center.
- **Research Skills Course**
 - **USERN Research Week School (18h)**: Scientific Writing, Systematic Review, Meta-Analysis, Data Analysis in SPSS, Submission & Peer Reviewing, Editing Book with International Publishers.
- **Another Course**
 - **Laboratory Animal Science (20h)**, Best Medical Academy, Confirmation code: **CASRP-5892FD1044** – [Click for certificate confirmation.](#)
 - **Comprehensive Biology (5h)**, Sepanta Zist Apadana Educational Company.
 - **Introduction to Meningitis (1h)**, World Health Organization (WHO).
 - **Karate (5 years), Black belt (1st Dan)**, Kanzenryo style, Iran's Karate Federation.

Invited Speaker in

- **AI-based approaches, A step toward Precision Psychiatry**, 1st International Congress of AI in Medical Sciences, Kish, Iran. **2023**
- **Psychological Intervention: The story of the brain that heals itself**, 2nd International Neurotalk event, Tehran, Iran. **2023**
- **Hypnotechnology: Implementation of technology in hypnosis**, 11th Basic and Clinical Neuroscience Congress, Tehran, Iran. **2023**
- **The brain that changes itself: Introduction to Cognitive Rehabilitation**, Islamic Azad University of Chalus, Tehran, Iran. **2022**
- **Introduction to EndNote**, Semnan University of Medical Sciences, USERN Office, Semnan, Iran. **2022**
- **Brain, Metaphor and Treatment: Words can cure your pain**, Islamic Azad University of Chalus, Chalus, Iran. **2022**
- **Introduction to Cognitive rehabilitation**, Isfahan University of Medical Sciences, Neuroscience Association, Isfahan, Iran. **2022**
- **Neurocognitive Approach to Hypnotic Interventions**, The 7th Interdisciplinary Seminar of Iran's Brain Mapping, Tehran, Iran. **2021**

Skills

- **Language**
 - English (Basic)
 - Farsi (Native)
- **Soft Skills**
 - Public Speaking
 - Scientific Presentation,
 - Teaching
 - Science Communication
 - Critical Thinking
 - Networking
 - Writing
 - Video Editing with mobile (InShot)
 - Word Press(Basic)
- **Research Skills**
 - EEG data Acquisition
 - Hypnotherapy for research
 - tES Brain Stimulation.
 - SPSS(Basic)
 - R programming (Basic)
 - Designing figures and graphical abstarcts for accadmic papers.
 - Brain simulation by SimNIBS
 - EndNote
 - Zotero
 - Microsoft Office (Word, PowerPoint)
 - Searching in Scientific Database (PubMed, Web of Science, Scopus)

References

- Prof. Mark Jensen, University of Washington, mjensen@uw.edu
- Prof. Seyed Davar Siadat, Pasteur Institute of Iran, d.siadat@gmail.com
- Dr. Hamed Ekhtiari, University of Minesota, h.ekhtiari@gmail.com
- Dr. Jaber Alizadehgoradel, University of Zanjan, j.alizadeh45@gmail.com