

Curriculum vitae

Mehdi Purmohammad (he/him)

Faculty of Education
College of Social Sciences and Humanities
University of Alberta

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6-107A Education Centre – North

University of MacEwan

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Visa Status: *Open work Permit, Student visa*

Education

- 2023- present** **Ph.D. candidate**
Special Education. University of Alberta, Canada
- 2015** **Ph.D. in Psycholinguistics**
University of Bern, Switzerland
- 2012** **MSc. in Psychology of Language**
The University of Edinburgh, UK
- 2009** **M.A. in Teaching Persian to non-Persian speakers**
Allameh Tabataba'i University, Iran
- 1998** **B.A. in Teaching English**
Isfahan University, Iran
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Research interests

Dyslexia, reading difficulties, psycholinguistics, bilingualism, language and cognitive functions interface

Professional positions

- 2024-present** **Editorial Board**
The Journal of Language Science
- 01-2020-05.2023** **Former Faculty member**
The Institute for Cognitive and Brain Sciences, Shahid Beheshti University
- 07. 2015-01.2020** **Former Faculty member**
The Institute for Cognitive Science Studies
- 2017-2020** **Head of Research and Education**
Institute for Cognitive Science Studies, Iran
- 2015-2019** **Head of non-English languages department**
Iran Language Institute, Iran
- 2008-2009** **Farsi language tutor**
Iran Language Institute, Iran
- 1998-2011** **English language teacher**
The Ministry of Education, Iran
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Academic service

- 16-19.2025 **Session Convenor**
Session 3B: Dyslexia and Reading Difficulties III, Society for the Scientific Study of Reading (SSSR) Annual Conference, Calgary, AB
- 16-19.2025 **Conference Volunteer**
Society for the Scientific Study of Reading (SSSR) Annual Conference, Calgary, AB, July 2025
- 03.2024–11.2024 **The Orton-Gillingham tutor**
The Scottish Rite Charitable Foundation Learning Centre for Edmonton
- 04.2024-06.2024 **Grade 1 volunteer Reading intervention tutor**
Garneau Public School, Edmonton,
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Standardized Reading Skills Assessment Administration

Proficient in conducting and interpreting standardized reading and language assessments (TOWRE-2, GORT-5, WRMT-III, CELF5) with children in educational and research contexts.

Certificates

- 2024 Alberta Early Childhood Educator Certification – Level 1
- 2025 Cyber Security Awareness, MacEwan University
- 2025 Professional development, MacEwan University
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Canadian Undergraduate Teaching Experience

- 2025 Fall **PSYCH 324-AS01: Infant Development**
Department of Psychology, MacEwan University
- 2025 Spring **PSYCH 324-AS01: Infant Development**
Department of Psychology, MacEwan University
- 2025 Winter **PSYCH 323 - Infant and Child Development**
Department of Psychology, University of Alberta
-

Postgraduate Teaching Experiences

- 2019-2020 **Language and Cognition**
The University of Shahid Beheshti, Iran
- 2020-2022 **The Principles of Cognitive Linguistics**
The University of Shahid Beheshti, Iran

- 2015-2020 **Cognitive Linguistics**
Institute for Cognitive Science Studies, Iran
- 2016-2020 **Research Methods in Cognitive Science of Language**
Institute for Cognitive Science Studies
- 2020-2021 **Assessment & Testing Theories and their application in Persian Language Teaching**
The University of Shahid Beheshti, Iran
- 2017-2019 **Language and Cognition**
Institute for Cognitive Science Studies
- 2016-2017 **Materials Development 1 (for teaching Persian)**
The University of Shahid Beheshti, Iran
- 2015-2016 **Materials Development 2 (for teaching Persian)**
The University of Shahid Beheshti, Iran
- 2016 **Psycholinguistics**
The University of Allameh Tabatabai, Iran
-

Other Teaching Experiences

- 2008-2009 **Teaching Persian to non-Persian Speakers**
Iran Language Institutes
-

Awards

- 2024-Oct **Alberta Graduate Excellence Scholarship (AGES)**
University of Alberta, CDA 12000
- 2023-Nov **Alberta Graduate Excellence Scholarship (AGES)**
University of Alberta, CDA 12000
- 2013 **Seed Money Award for Research and Young Researcher promotion**
University of Bern, Switzerland, CHF 8000
- 2014 **Josephine de Karman funds**
University of Bern, Switzerland, CHF 11000
- 2003 **Second place in Translation in TEACHER BOOK SELECTION FESTIVAL**
The Ministry of Education, Iran
- 2001 **Third place in Translation in TEACHER BOOK SELECTION FESTIVAL**
Ministry of Education, Iran
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PUBLICATIONS

Peer Reviewed Journal Articles and Conferences

- Irani, D., **Purmohammad, M.**, & Abbasian, S. (2025). A comparative analysis of executive functions in Broca's aphasia and healthy adults. *Applied Neuropsychology: Adult*, 1–10. <https://doi.org/10.1080/23279095.2025.2515127>
- Soleimani Tekbudak, F., **Purmohammad, M.** Özkan, A., & Acartürk, C. (2025). The PSR Corpus: A Persian Sentence Reading Corpus of Eye Movements. *Behavior Research Methods*. 57(1), 14. <https://doi.org/10.3758/s13428-024-02517-x>

- Mazlumi, M., & **Purmohammad, M.** (2025, July). The role of auditory attention in the comprehension of complex syntactic sentences in dyslexic children [Spoken paper]. *2025 Society for the Scientific Study of Reading (SSSR) Annual Conference*, Calgary, Canada.
- Purmohammad, M.** & Samar Qorbani, H. (2025, November). Designing effective reading intervention apps and digital devices for dyslexic learners: Evidence-based considerations. *18th annual International Conference of Education, Research and Innovation*. Spain, [Poster presentation]. Seville (Spain).
- Gorjizadeh, M. Nemati, F., & **Purmohammad, M.** (2025). Bridging Abstract Language and Concrete World Experiences through Multimodal Instruction to Enhance EFL Vocabulary Learning. *The 6th National Conference on Pedagogical Content Knowledge in English Language Teaching*, Farhangian University of Bushehr, Iran
- Zalzadeh, Z, Nemati, F., & **Purmohammad, M.** (2025). *Emotional Arousal Affects Long-Term Vocabulary Recall in Persian EFL Learners*. The 21st International TELLSI Conference and the 6th International Conference on Language, Discourse, and Pragmatics (LDP). Iran
- Dalir, D. **Purmohammad, M.** Khosrowabadi, R. Golfam, A. & Karbalaei sadegh, M. (2024). Investigating brain responses to topicalization processing in Persian based on Friederici's model. *Advances in Cognitive Sciences*. 26(3):88-101. URL: <http://icssjournal.ir/article-1-1692-en.html>
- Amidi, A., Golfam, A., **Purmohammad, M.** (2024). Gender representations in the poetry of Frough Farokhzad and Ahmad Shamlou: Integrating cognitive poetics and critical discourse analysis. *Advances in Cognitive Sciences*.25(4):156-173. <http://dx.doi.org/10.30514/icss.25.3.141>
- Behradmehr, M. & **Purmohammad, M.** (2024). *Investigating psycholinguistic variables on the reaction time of vocabulary retrieval in normal elderly people based on Levelt's word production model*. Poster presented at International Conference on Cognitive Science. Iran.
- Dalir, D., **Purmohammad, M.** (corresponding author), Golfam, A., Khosroabadi, R., Karbalaeisadegh, M. (2024). The Neural Response to the Syntactic Processing of wh-Complements in Persian within Adult Verbal Entries, Based on Lexical-Functional Grammar, *Journal of Language Researches*, No. 2, Vol.14, Autumn & Winter, Serial No. 27 (25-53). DOI:10.22059/jolr.2024.365010.666855.
- Shadmani, M., Monshizadeh, M., Golfam, A., & **Purmohammad, M.** (2024). Cognitive Semantics, Philology and Persian Literature: Towards a diachronic analysis of conceptual mappings of the two Persian words, RUX and RŪY, based on the Prototype Theory. *Language Studies, Institute for Humanities and Cultural Studies (IHCS) Biannual Journal*, Vol. 15, No. 2,75-115, doi: 10.30465/lj.2023.42344.2074
- Shamsa, R, **Purmohammad, M.** Mashhadi, A, & Salimi, Z. (2023).Validation of the Cardillo metaphorical package for testing neural hypotheses about metaphor and its comparison in patients with obsessive-compulsive disorder and normal individuals. *Advances in Cognitive Sciences*. 25(2):158-175. URL: <http://icssjournal.ir/article-1-1531-en.html>
- Zalzadeh, Z., Nemati, F., **Purmohammad, M.** (2023). *The emotional impact of lexical arousal on foreign language vocabulary learning*. Poster presented at Words in the World International Conference. Canada.
- Alirezaloo, N., **Purmohammad, M.** Hasani Abharian, P., Nami, M., & Biglarian, A. (2023). The Comparison of perception of the metaphor in Turkish and Persian bilingual 7-11 years old children, *Iranian Journal of Comparative Linguistic Research*, 12(24), 159-185. doi: 10.22084/rjhll.2023.26790.2239
- Purmohammad, M.** (2023). Language Selection in Bilingual Speakers: A Multidisciplinary Approach. *Interdisciplinary Studies in English Language Teaching*. Volume 2. Issue 1. 51-69. doi:10.22080/iselt.2023.24690.1045
- Irani, D., & **Purmohammad, M.** (2023). Comparison of language awareness in Kurdish-Persian bilingual children and Persian monolingual children. *Applied neuropsychology. Child*, 12(1), 56–63. <https://doi.org/10.1080/21622965.2022.2029447>

- Nasiri, M., Moayyefar, S. **Purmohammad, M.** & Ghasisin, L., (2022). Investigating Sentence Processing and Working Memory in Patients with Mild Alzheimer and Healthy Aged People. *PLoS ONE*, 17(11): e0266552. <https://doi.org/10.1371/journal.pone.0266552>
- Purmohammad, M.** Vorweg, C. & Abutalebi, J. (2022). The processing of bilingual (switched) compound verbs: Competition of words from different categories for lexical selection. *Bilingualism, Language and Cognition*. 1–13. <https://doi.org/10.1017/S1366728921001103>
- Ebrahimi, A., Hemmatian, B., & **Purmohammad, M.** (2022). The moderation effect of Illusion of Explanatory Depth of Knowledge towards National and International Issues. *Proceedings of the Annual Meeting of the Cognitive Science Society*, 44. Retrieved from <https://escholarship.org/uc/item/5r69b9qx>
- Panahinejad, H., Safavimanesh, F., **Purmohammad, M.** Jahanitabesh, A., & Hajimoladarvish, N. (2022). The Role of Conceptual Metaphors in Economics Phenomena from Behavioral Economics Aspect. *Language Related Research*. 12 (6): 299-337. URL: <http://lrr.modares.ac.ir/article-14-46689-en.html>
- Alizadeh, A., Kelarestaghi, M., **Purmohammad, M.** & Safavimanesh, F. (2022). Computational Modeling of the Effects of the Two-Sided Message on Perceived Strength of an Argument. *Contemporary Psychology*, 15 (1). 1-12, URL:<http://lrr.modares.ac.ir/article-14-46689-en.html>.
- Derakhshan, A. **Purmohammad, M.** & Safavimanesh, F. (2021). Investigation of the relationship between bilingualism, spatial perspective-taking ability, and self-regulation. *Journal of Advances in Cognitive Sciences*. 23 (3): 41-5. URL: <http://icssjournal.ir/article-1-1191-en.html>
- Hakimi, S. & **Purmohammad, M.** (corresponding author), Hakimi, M. (2021). The Role of Construction Similarity and Verb Tense on the Construction of Integrated Syntactic Representations in Bilinguals. *Journal of Researches in Linguistics*, 12(2), 263-283. doi: 10.22108/jrl.2021.127441.1556
- Soltani, V., Nilipour, R., **Purmohammad, M.** & Hasani-Abharian, P. (2021). An embodiment of conceptual metaphors and comprehension of abstract concepts in 5 to 7-year-old Persian Speaking Children. *Language Related Research*. 12 (2): 479-505, doi.org/10.29252/LRR.12.2.15, URL: <http://lrr.modares.ac.ir/article-14-34161-fa.html>
- DaneshPajouh, R. **Purmohammad, M.** & Mahdavian, A. (2020). Effectiveness of Problem-Solving Training to Improve Employee's Job Satisfaction and Creativity. *Social Cognition*, Vol. 9, No. 1, (Series 17),107-122. <https://doi.org/10.30473/sc.2020.42776.2285>
- Shafiei, F., Ghassemzadeh, H., Ashayeri, H., Safavimanesh, F., & **Purmohammad, M.** (2020). Domain mapping or schematic mapping?! How source domain in metaphor projects on target domain: visual and auditory short-term recognition. *Language-related research*. 11 (2):85-113. URL: <http://lrr.modares.ac.ir/article-14-32339-fa.html>
- Khosravi, A, Kelarestaghi, M., & **Purmohammad, M.** (2020). Emotion Detection in Persian Text; A Machine Learning Model, *Contemporary Psychology*, 14 (1), 42-48. <http://dx.doi.org/10.32598/bjcp.13.1.2>
- Moayedfar, S., **Purmohammad, M.** Shafa, N., Shafa, N., & Ghasisin, L. (2019). Analysis of naming processing stages in patients with mild Alzheimer. *Applied Neuropsychology: Adult*. 28:1, 107-116, <https://doi.org/10.1080/23279095.2019.1599894>
- Khalili Ardali, M., **Purmohammad, M.** Ujwal Chaudhary, U., Birbaumer, M. & Rana, A. (2019). Semantic and BCI-Performance in completely paralyzed patients: the possibility of language attrition in completely locked-in syndrome. *Brain and Language*. 194:93-97. <https://doi.org/10.1016/j.bandl.2019.05.004>
- Soltani, V. Nilipour, R. **Purmohammad, M.**(corresponding author) & Abharian, P. (2019). Comprehension problems of Conceptual Embodied Metaphors in 5 to 7-year-old hearing impaired Persian speaking children. *Function and Disability Journal*. 2.15. URL: <http://fdj.iums.ac.ir/article-1-86-en.html>.

- Purmohammad, M. Shamsa, R. & Torabi, L.** (2019). The semantic network of verb prefix: “for” in terms of a cognitive semantics approach. *Advances in Cognitive Sciences*. Vol. 21, No. 2. 61-73. URL: <http://icssjournal.ir/article-1-1025-en.html>
- Mehrpure, Z. Moradi, A. Dabbagh, H., Moghaddasin, M. & **Purmohammad, M.** (2019). Efficiency of Metaphorical Stories and Literal Instructions on Attention and Response Control in Attention Deficit/ Hyperactivity Disorder Children. *Medical Journal of Mashhad University of Medical Sciences*, Vol. 62, Special Issue1, 821-831. https://mjms.mums.ac.ir/article_14113.html
- Vaseq, M. & **Purmohammad, M.** (corresponding author) (2019). Dominant Views on Gender and Underrepresenting Women's Character in Children's Picture Books. *The Journal of Sociolinguistics*, Vol. 3, N 2, 55-66. <https://doi.org/10.30473/il.2019.44269.1235>
- Meshkinmehr, A. **Purmohammad, M.** Nushi, M. & Talkhabi, M. (2019). Investigating the Effect of Applying Brain-based Learning Principles on the Learning and Retention of Vocabulary by EFL. *Critical Language & Literary Studies*, Vol.16, NO. 22, 239-269. <https://doi.org/10.29252/cls.16.22.239>
- Purmohammad, M.** (2017). Cognitive Linguistics. In K. Kharrazi, *An Introduction to Cognitive Sciences and Technologies: its applications*. (p.161-133). Samt, Iran.
- Purmohammad, M. & Abbasi, Z.** (2016). *Applying Cognitive linguistics approaches in second language acquisition: A focus to teaching Persian to non-Persian speakers*. 1094-1119. Xamush Publication, Tehran.
- Purmohammad, M.** (2015). Grammatical encoding in bilingual language production: A focus on code switching. *Frontiers in Psychology*. 6:1797. <https://doi.org/10.3389/fpsyg.2015.01797>
- Purmohammad, M.** (2015). Linguistic Alignment in L1-L2 Dialogue. *Language and Dialogue*, John Benjamins Publishing, Vol. 5(2), 312–333. <https://doi.org/10.1075/ld.5.2.07pur>
- Purmohammad, M.** (2015). *Processes of language selection in bilinguals: A focus on models of bilingual language production and comprehension*. In Editum, PERSPECTIVAS LINGÜÍSTICAS., 117-132. Spain.
- Purmohammad, M.** (2009). *Xatā-hā-ye vājehgāni ma'nā'i va ramzgardāni-ye guyešvarān-e Māzandarāni (Bāboli) dar Fārsi-e goftār [Lexico-semantic Errors and Code switching in the speech of Māzandarāni (Bāboli) Speakers of Persian]* (Master's Thesis). Allāmeḥ Tabātabā'i University. Tehran. Iran.
- Purmohammad, M.** (2008). *Ta'arīf-e dozabānehgi: Entexāb-e ta'rif-i motenāseb bā dozabānehgi dar Māzandarān [Bilingualism definitions: Choosing a definition that best fits Bilingualism in Māzandarān]*. In Z., Tājeddin, & Z. Abbāsi, (Eds.). *Teaching Persian to non-Persians Seminar* (pp. 71-82). Iran Language Institute, Tehran. Iran.
- Purmohammad, M.** (2008). *Ramzgardāni dar goftār-e guyešvarān-e dozabāneh: Bā ta'kid bar ramzgardāni-ye guyešvarān-e Māzandarāni (Bāboli) dar goftār-e Fārsi (Code switching in Bilinguals' speech production: A focus on code switching in the speech of Mazandarani (Baboli) speakers of Persian)*. In Z., Tājeddin, & Z. Abbāsi, (Eds.). *Teaching Persian to non-Persians Seminar* (pp. 83-106). Iran Language Institute, Tehran. Iran.

BOOKS

- Purmohammad, M.** (2024). *The Parents' Guide to Dyslexia: Practical Strategies for Success and Understanding: An extensive theoretical and practical guide for parents of children with dyslexia and teachers*, [Kindle version]. https://www.amazon.com/dp/B0DCT3JDB8?ref_=pe_93986420_774957520
- Purmohammad, M.** (2021). *New methods and devices in language studies*. SAMT.Tehran, Iran.
- Purmohammad, M.** (2019). *Psycholinguistics*. SAMT.Tehran, Iran.
- Purmohammad, M.** (2014). *Elementary Persian for non-Heritage learners of Persian (Farsi): Teaching Persian to non-Persian Speakers(3)*. CreateSpace, An Amazon Company.

http://www.amazon.com/Elementary-Persian-non-Heritage-learners-Farsi/dp/1494893487/ref=asap_B00J6PW580?ie=UTF8

Purmohammad, M. (2013). *Learn to Speak Persian: Speaking Skill for Intermediate learners of Persian: Teaching Persian to non-Persian speakers*. CreateSpace, An Amazon Company.

http://www.amazon.com/Learn-Speak-Persian-Intermediate-non-Persian/dp/1493672304/ref=asap_B00J6PW580?ie=UTF8

Purmohammad, M. (2013). *An applied Persian Grammar, Speaking as the macro-skill, Teaching Persian to non-Persians*. CreateSpace, An Amazon Company. http://www.amazon.com/Applied-Persian-Grammar-Speaking-macro-skill/dp/1493537601/ref=asap_B00J6PW580?ie=UTF8

Graduate Teaching Assistantships

◆ EDPY 458-Assessment and Programming for Children with a Specific Reading Disability, Instructor: Professor George Georgiou, Winter 2024, University of Alberta.

◆ EDPY 301 Inclusive Education: Adapting Instruction for Students with Special Needs, Winter 2024, University of Alberta.

Graduate Research Assistant

◆ University of Alberta, 2023-2024

Collaborated with a team of researchers to collect, and score large datasets on early universal language screening in primary grades, resulting in the identification of key trends and insights that contributed to the publication of a high-impact research paper, supervised by Professor Lesly Wade Woolley,

◆ University of Alberta, 2024

Collaborated with a team of researchers to collect, and score large datasets on early universal language screening in primary grades, resulting in the identification of key trends and insights that contributed to the publication of a high-impact research paper, supervised by Professor George Georgiou

Grants Received for Research Projects

Purmohammad, M. (2021). The role of frequency and number of neighboring words in reading intensified words and the role of attention and working memory performance in the comprehension of complex syntax sentences in dyslexic children, (Report No. 11990), Cognitive Sciences and Technologies Council, Tehran, Iran

Purmohammad, M. (2019). Investigation of Reaction Time for different levels of word retrieval in healthy aged people and young and middle-aged people based on Levelt's speech production Model, (Report No. 8243), Cognitive Sciences and Technologies Council, Tehran, Iran

Purmohammad, M. (2017). The role of construction similarity and verb tense on the construction of integrated syntactic representations in bilinguals, (Report No. 6288) Cognitive Sciences and Technologies Council, Tehran, Iran

Language proficiency questionnaire adaptation

Marian. V., Blumenfeld, H., & Kaushanskaya, M. (2007). The Language Experience and Proficiency Questionnaire (LEAP-Q): Assessing language profiles in bilinguals and multilinguals. *Journal of Speech Language and Hearing Research*, 50 (4), 940-967. (English for

Science Communication

Purmohammad, M. (17 June, 2024). *The prevalence of reading difficulties* [Video]. YouTube. <https://www.youtube.com/watch?v=CLpVbKwe9YY&t=94s>

Purmohammad, M. (16 June, 2024). *What is dyslexia* [Video]. YouTube. https://www.youtube.com/watch?v=b_sk18ZuXno&t=151s

Purmohammad, M. (12 June, 2024). *Developmental Language Disorder* [Video]. YouTube. <https://www.youtube.com/watch?v=qDxV0RSKAWU&t=3s>

Invited talks and presentations

Purmohammad, M. (04 February, 2025)

The Bilingualism world. Kaviani Educational Institution. Iran

Purmohammad, M. (11 July, 2024)

The nature of Dyslexia and the major challenges to the phonological deficit theory of Dyslexia. Shenakht Center, Tehran, Iran.

Purmohammad, M. (15 March, 2024)

Dyslexia. Definition and new development. Institute for Cognitive Science Studies. Tehran, Iran.

Purmohammad, M. (3-5 May, 2023)

A processing model of Bilingual (Switched) Compound verb. Presented at The first international conference on the Science of Language and the Brain. Tehran, Iran.

Purmohammad, M. (18 Feb, 2022)

The role of language in Cognitive functions. Presented at the 10th Iranian Symposium of Cognitive Neuropsychology. Tehran, Iran.

Purmohammad, M. (27 July 2021)

An introduction to Psycholinguistics and Neurolinguistics. Presented in National Brain Mapping Laboratory. Tehran, Iran.

Purmohammad, M. (April 2021)

Psycho-neurolinguistics of codeswitching in bilingual speakers. Presented in National Brain Mapping Laboratory. Tehran, Iran.

Purmohammad, M. (2020)

Language and Emotion. Presented in the summer school of The Emotional Mind. Tehran, Iran.

Purmohammad, M. (2018)

Language processing and language control in bilinguals: A neuro-psycholinguistics approach, Brain & Cognition Clinic, Tehran, Iran.

Purmohammad, M. (2017)

Neurolinguistics, bilingualism and second language material development. Presented in Shahid Beheshti University. Tehran, Iran.

Purmohammad, M. (2017)

Teaching in multilingual classrooms: A focus on teaching Persian to non-Persians. Presented at Shahid Beheshti University Tehran, Iran.

Purmohammad, M. (February 2016)

The production of Bilingual compound verbs: A psycholinguistic study, The University of Shahid Beheshti. Tehran, Iran.

Purmohammad, M. (2015)

The processing of bilingual compound verbs. Presented at WinterSchool, The University of Fribourg. 2-4 February. Switzerland.

Purmohammad, M. (2014)

Grammatical encoding in the production of Bilingual compound verbs. Presented at BeLing-Kolloquium HS 2014. University of Bern. Switzerland.

Purmohammad, M. (2013)

Code switching: a touchstone of bilingual language production models. A PhD Workshop, Presented at the Institute of Multilingualism, University of Fribourg. Switzerland.

Purmohammad, M. (2013)

Language processing of Code switching within Persian compound verbs. Presented at BeLing-Kolloquium HS 2013. University of Bern. Switzerland

Purmohammad, M. (2012)

The Lexical Semantic Interference Model (LSIM) in bilingual language production. Presented at the 33rd Language at Edinburgh Lunch, University of Edinburgh. UK.

Theses and dissertations supervised as the First supervisor

- Majid Khalili (2017). Language Attrition in Patients with Complete Locked-In Syndrome. Institute for Cognitive Sciences. Tehran, Iran

- Mohsen Sedaghatkish (2018). Investigating Visual Attention in the Perception of Facial Attractiveness with Different Eye and Lip Brightness Levels. Institute for Cognitive Sciences. Tehran, Iran

- Alireza Saei (2017). The Effect of Orbitofrontal Cortex Stimulation on Emotional Decision-Making: A Transcranial Magnetic Stimulation Study. Institute for Cognitive Sciences. Tehran, Iran

- Zohreh Naghsh (2019). Investigating the Effect of Priming on the Representation of Emotional and Neutral Words in Persian-English Bilinguals. Institute for Cognitive Sciences. Tehran, Iran

- Arman Tabrizi (2019). Emotional Word Processing: The Effect of Valence and Word Type in Persian-English Bilinguals and Persian Monolinguals. Institute for Cognitive Sciences. Tehran, Iran

- Gholamreza Bandali (2017). Differential Brain Responses to Syntactic and Semantic Violations Based on Evidence from Event-Related Potentials (ERPs) in the Persian Language. Institute for Cognitive Sciences. Tehran, Iran

- Simin Abutalebi (2021). Different Levels of Abstract Word Retrieval in Old aged, Middle aged and Young aged Healthy people. Institute for Cognitive Sciences. Tehran, Iran

- Fatemeh Afshar (2021). Theory of mind in bilingual and monolingual children with Autism Spectrum disorder. Shahid Beheshti University. Tehran, Iran

- Azadeh Derakhshan (2020). The Effect of Bilingualism on Spatial Perspective-Taking and Self-Regulation Abilities in Adults. Institute for Cognitive Sciences. Tehran, Iran

- Mehdi Dowlatbadi (2019). The Role of Structural Similarity and Verb Tense in the Construction of Integrated Syntactic Representations in Persian-Azeri Bilinguals. Tehran University. Tehran, Iran.

- Atekeh Ebrahimi (2020). The Effect of Explanation on the Moderation of Political Opinions Related to Domestic and Foreign Issues. Institute for Cognitive Sciences. Tehran, Iran

- Amin Haddadi (2019). Investigating the Relationship Between the Linguistic Processing of Irony and Its Representation and Interpretation in Reading Persian Literary Texts. Institute for Cognitive Sciences. Tehran, Iran

- Dana Irani (2020). Investigating the Differences in Language Awareness Between Bilinguals and Monolinguals. Institute for Cognitive Sciences. Tehran, Iran

- Behnam Karam (2020). Cognitive Modeling of Metaphor Comprehension Mechanisms Using a Bayesian Cognitive Model. Institute for Cognitive Sciences. Tehran, Iran
- Alireza Meshkinmehr (2020). The Effect of Applying the First and Seventh Principles of Brain-Based Learning on Vocabulary Acquisition and Recall in Foreign Language Teaching. Institute for Cognitive Sciences. Tehran, Iran
- Ali Meskaranian (2020). Eye Tracking and Criminology Using Speech Processing Through Reading Texts Related to the Murder Scene by the Killer. Institute for Cognitive Sciences. Tehran, Iran
- Mona Moazzenzadeh (2020). Perceptual Verbs and Oral Reading aloud in the Context of Ambiguous Sentences in Narrative Discourse. Institute for Cognitive Sciences. Tehran, Iran
- Nader Alirezaloo (2022). The Comparison of perception of the metaphor in Turkish and Persian bilingual 7-11 years old children. Institute for Cognitive Sciences. Tehran, Iran
- Hoda Panahinejad (2020). The Role of Conceptual Metaphors in Economics Phenomena from Behavioral Economics. Institute for Cognitive Sciences. Tehran, Iran
- Tahura Vosugh (2021). The Effect of a Foreign Language on Moral Decision-Making in Persian-English Bilinguals. Institute for Cognitive Sciences. Tehran, Iran
- Maede Behradmehr (2024). Investigating psycholinguistic variables on the reaction time of vocabulary retrieval in normal elderly people based on Levelt's word production model. Institute for Cognitive Sciences. Tehran, Iran
- Fatemeh Alemi (2022). Representations of emotion and emotion-laden words in Farsi – Azari children. Shahid Beheshti University. Tehran, Iran
- Mahan Abdollahi (2024). The grounding of abstract concepts in the sensory-motor brain system. Shahid Beheshti University. Tehran, Iran
- Hossein Mehrafshan (2023). The performance of bilingual and monolingual individuals with symptoms of attention deficit hyperactivity disorder in inhibitory control, cognitive flexibility and theory of mind. Shahid Beheshti University. Tehran, Iran
- Amirmahya Safayousefi (2024). Evaluation of the neighborhood effect and frequency on reading words with the tashdid suprasegmental elements in dyslexic children. Shahid Beheshti University. Tehran, Iran
- Parisa Sheikhi Karizaki (2025). The Role of Working Memory in Complex Syntactic Comprehension in Dyslexic Children. Shahid Beheshti University. Tehran, Iran
- Mostafa Mazlumi (2025). The role of attention performance in the comprehension of complex syntactic sentences in dyslexic children. Shahid Beheshti University. Tehran, Iran
- Delangiz Delir (2025). Neural Responses to the Copy Theory of Movement in Persian Wh-Complement Phrases within the Frameworks of the Strong Minimalist Hypothesis and Lexical-Functional Grammar in Adults. Azad University.

Theses and dissertations supervised as the Second supervisor

- Maryam Gorjizadeh (2024). The Interplay of Instructional Modality and Linguistic Context in Learning Abstract Vocabulary by EFL Learners. Persian Gulf University.
- Zahrah Zalzadeh (2024). Arousal in English Lexical Processing and Vocabulary Learning by Persian Learners of English. Persian Gulf University.
- Fateme Esmailzad (2024). The Foreign Language Effect on Optimism Bias. University of Tehran. Iran
- Afsoon Khajavi (2022). Attentional control and cognitive flexibility differences between monolinguals. Kordestan University.
- Azadeh Esmaeili (2022). The effect of metaphors usage in training of computer programming and improvement of children's computational thinking. Tehran University. Iran

- Fatemeh Rezaie Bidokhty (2023). The effect of inhibition, cognitive flexibility and working memory on metaphor perception in ADHD and normal children between 7-8/5 years old. Institute for Cognitive Sciences. Tehran, Iran
 - Maryam Nasiri (2021). Investigation of sentence processing and working memory in aged people and patient with mild Alzheimer. Isfahan University. Iran.
 - Ahmad Shakir Hosseini (2020). Validation and Normativeness of The Mini-Addenbrooke's Cognitive Examination (M-ACE) as brief Cognitive Screening Instrument in Mild & Major Neuro Cognitive Disorders on People in the Elderly Population –Tehran.Institute for Cognitive Sciences. Tehran, Iran
 - Fatemeh Soleymani (2015). The Effects of Word Length, Word Frequency, and Sentential Predictability on Fixation Durations in Reading of Persian. Middle East Technical University Ankara, Turkey
 - Ali Khosravi (2019). Emotional Pattern in Text; Detection and Validation of Emotion Lexicon. Institute for Cognitive Sciences. Tehran, Iran
 - Vahideh Soltani (2019). Development of Rehabilitation Plan to Enhance Comprehension of Abstract Concepts Using Embodied Conceptual Metaphors in 5 to 7 year old Hearing Impaired Persian Speaking Children. Institute for Cognitive Sciences. Tehran, Iran
 - Zahra Mehrpur (2017). The Role of Verbal Intervention by Using Metaphors on Behavior of Children with Attention-Deficit/ Hyperactivity Disorder. Institute for Cognitive Sciences. Tehran, Iran
 - Aziz Alizadeh (2017). Computational Modeling of Persuasive Messages' Influences on Public Attitudes. Institute for Cognitive Sciences. Tehran, Iran
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Mentoring and Academic Support

02. 2024-11. 2024 PhD Student Mentorship

Mentoring a PhD student in Psychological Studies in Education to develop a research proposal with a focus on language, providing guidance on theoretical frameworks and research design.

2015-present Psycholinguistics Expertise

Regularly assist students in understanding psycholinguistic concepts and designing experiments, leveraging expertise as a published author and PhD in Psycholinguistics.

Translations

Farhat, H., (1990). *The Dastgah Concept in Persian Music*, Part Publication, Translated by Purmohammad, Mehdi, (1380), Part Publication: Tehran, Iran.

Zonis, E. (1973). *The Classical Persian Music*, Translated by Purmohammad, M. (1378), Part Publication, Tehran, Iran.

Farhat, H. (1973). *The Traditional art music of Iran*, Translated by Purmohammad, M. (1378), Part Publication, Tehran. Iran

Gerson-Kiwi, (1963). *The Persian Doctrine of Dastga-composition, A Phenomenological study in the Musical Modes*, Translated by Purmohammad, M. (1384), Honar o Farhang Publication: Tehran. Iran

Nettle, B. (1972). *Daramad-e Chahargah, A Study in the performance practice of Persian Music*, Translated by Purmohammad, M. (1383), Fasname-ye Honar, Ministry of Culture and Art, Tehran. Iran.

Membership

The International Dyslexia Association (2024-)

Ad hoc Reviewer

Society for the Scientific Study of Reading (SSSR), (2024-)

Journal of Advances in Cognitive Science

Journal of Comparative Linguistics

Journal of Language Sciences
