

Curriculum vita: Mehdi Purmohammad

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Affiliation: Shahid Beheshti University

Education

Ph.D. (2015) Psycholinguistics. University of Bern, Switzerland

MSc. (2012) Psychology of Language, The University of Edinburgh, England

M.A. (2009) Teaching Persian to non-Persians, Allameh Tabataba'i University, Iran

B.A. (1998) Teaching English, Isfahan University, Iran

Research interests

Bilingualism, language production, language and cognitive functions, first language acquisition, dyslexia

Professional positions

- Faculty member of Institute for Cognitive and Brain Sciences, Shahid Beheshti University (2020-till now)
- Former Faculty member of Institute for Cognitive Science Studies (2015-2020)
- Head of Research and Education, Institute for Cognitive Science Studies (ICSS), Iran (2017-2020)
- Head of non-English languages department, Iran Language Institute, Iran (2015- 2019)

Teaching Experience:

Institute for Cognitive Science Studies, 2015- 2020

Postgraduate course taught:

Psycholinguistics

Cognitive Linguistics

The principle of Cognitive Science

Research methods in Cognitive Science of language

The University of Allameh Tabatabai, 2016

Postgraduate course taught: Psycholinguistics

The University of Shahid Beheshti, 2016

Postgraduate course taught: Materials Development

Payam-e Nur University, 2015

Undergraduate courses taught: translation courses

Iran Language Institute, 2007-2010

Teaching Persian to non-Persian speakers

Imam Khomeini International University, 2009

Teaching Persian to non-Persians,

PUBLICATIONS

BOOKS

- Purmohammad, M. (2021). New methods and tools 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

ARTICLES

- Ghasisin, L., Nasiri, M., Moayyefar, S. & **Purmohammad, M.** (accepted). Investigating of Sentence Processing and Working Memory in Patients with Mild Alzheimer and Healthy Aged People. *PLOS ONE*.
- 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>
- Irani, D., & **Purmohammad, M.** (2022). Comparison of language awareness in Kurdish-Persian bilingual children and Persian monolingual children. *Applied neuropsychology. Child*, 1–8. Advance online publication. <https://doi.org/10.1080/21622965.2022.2029447>
- 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. doi.org/10.52547/LRR.12.6.10.
- 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, Dor: <http://dorl.net/dor/20.1001.1.20081243.1399.15.1.1.2>, URL:<http://lrr.modares.ac.ir/article-14-46689-en.html>.
- Derakhshan, A. **Purmohammad, M.** & Safavimanesh, F. (2021). The effects of bilingualism on adults' spatial perspective taking ability and self regulation. *Journal of Advances in Cognitive Sciences*. 23 (3): 41-5. doi.org/10.30514/icss.23.3.41
- 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). 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.** & Mahdavi, 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.
- 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*. doi=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: possibility of language attrition in completely locked in syndrome. *Brain and Language*. 194:93-97. doi: 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.iuums.ac.ir/article-1-86-en.html>.
- Purmohammad, M.**, Shamsa, R. Torabi, L. (2019). Semantic network of verb prefix: “forou” in terms of a cognitive semantics approach. *Advances in Cognitive Sciences*. Vol. 21, No. 2. 61-73.
- 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.
- 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.
- 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.
- Purmohammad, M.** (2017). Cognitive Linguistics. In K. Kharrazi, *An Introduction to Cognitive Sciences and Technologies: its applications*. 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. doi: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. doi 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'ārif-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.

Research projects

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 Switzerland, adapted by Mehdi Purmohammad, Universität Bern, & Max R. Freeman, Northwestern University)

Invited talks and presentations:

Purmohammad, M. (18 Feb, 2022). The role of language in Cognitive functions. Presented in 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 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 in Shahid Beheshti University Tehran, Iran.

Purmohammad, M. (February 2016). The production of Bilingual compound verb: A psycholinguistic study, The University of Shahid Beheshti. Tehran, Iran.

Purmohammad, M. (2015). The processing of bilingual compound verbs. Presented in 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 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.

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), Faslname-ye Honar, Ministry of culture and art, Tehran. Iran.

Awards and Grants

2015 post doc Grant from the National Elites Foundations, Presidency of Islamic Republic of Iran,

2014 Placed Third in the Humanities Studies Committee of the 1st Round of Iranian Elite Scientific Competition in Europe, Middle Asia and Russia and achieving 'Bavar Award

2013 Seed Money Award for research and young researcher promotion, University of Bern, Switzerland

2013 Dr Joséphine Karman Fellowship Trust, University of Bern, Switzerland

2003 Gained second place in Translation in "TEACHER BOOK SELECTION FESTIVAL", Iran, The Ministry of Education

2001 Gained third place in Translation in "TEACHER BOOK SELECTION FESTIVAL", Iran Ministry of Education.

Ad hoc Grant Proposal Reviewer

Cognitive Sciences and Technologies Council

Iran National Science Foundation (INSF)

Ad hoc Reviewer

ADVANCES IN COGNITIVE SCIENCE