Parisa Naseri, Ph.D.

Research Center for Social Determinants of Health,
Research Institute for Endocrine Sciences,
Shahid Beheshti University of Medical Sciences, Tehran, Iran.

☎: +98 21 2243 2500 (424)
☏: +98 9127506816
✉: pnaseri.89@gmail.com
iD: 0000-0003-1484-2391
@: https://endocrine.ac.ir/

Education

Ph.D. in Biostatistics; 2014

Shahid Beheshti University of Medical Sciences Tehran, Iran.
Thesis Title: "Spatiotemporal Modeling of fMRI data: a Bayesian Approach"
Under supervision of Dr Hamid Alavi Majd.

M.S. in Biostatistics; 2012

Arak University of Medical Science, Arak, Iran.
Thesis Title: "Application of Conditional Logistic_Likelihood Ratio in Genetic linkage analysis in Tehran Lipid and Glucose Study (TLGS)"
Under supervision of Dr Maryam Daneshpour.

B.S. in statistics; 2008

Tehran University, Tehran, Iran.
Thesis Title: "Application of Logistic and Log-linear Models to Investigate the Effect of Fluvoxamine on Depression"
Under supervision of Dr Amid Rasoulian.

Research experience

2016- Present

Researcher, Research Center for Social Determinants of Health (SDH), Research Institute for Endocrine Sciences, Shahid Beheshti University of Medical Sciences.
Job description: Study design, data analysis and interpretation, manuscript drafting.

2014- 2015

Researcher, Cellular and Molecular Endocrine Research Center, Research Institute for Endocrine Sciences, Shahid Beheshti University of Medical Sciences, Tehran, Iran.
Job description: Study design, data analysis and interpretation.

Teaching experience

2017- 2018

Kashan University of Medical Sciences, Kashan, Iran.
Job description: Teaching "Biostatistics".

2015- 2017

Shahid beheshti University of Medical Sciences, School of paramedical science, Tehran, Iran.
Job description: Teaching Assistant "Advanced Biostatistics".

2015- 2017

Faran University, Tehran, Iran.
Job description: Teaching "Applied Statistics for Social and Management Sciences".

2013- 2014

Arak University of Medical Science, Arak, Iran.

Job description: Teaching "Biostatistics".

Advising

M.Sc. Students Advised, Shahid Beheshti University of Medical Sciences

Mansuri Z. Assessment of RP11-82L7.4 and AC007381.3 expression levels in patients with T2DM and healthy people. 2016.

Hashemi M, Determining the effect of yoga exercises on the quality of life of patients with chronic heart failure, 2016.

Haghighat S. Determination of correlation between the level of moral development and the formation of professional identity in nursing students, 2016.

Akbarzade S. Assessing stress of searching information in post graduate students in faculty of paraclinical sciences, 2016.

Ghasemi Y. Assessing quality of life in elderly people, 2017.

M.Sc. Student Advised, Ardabil University of Medical Sciences

Sadegh pour F. Assessing effect of Emotional Intelligence on PTG in hemodialysis patients, 2018.

Research Interests

o   Bayesian hierarchical models
o   Spatio-temporal models
o   fMRI, Genetics
o   Machine Learning

Awards and Honor

2012   Ranked first among Masters students of Biostatistics Department

2016   Ranked first among PhD students of Biostatistics Department

Skills

Language skills: o Persian
                              o English

Computer skills: o Microsoft Office (Word, Excel, PowerPoint)

Genetic analysis software: o SAGE, FBAT, Powermarker

Neuroimaging Software: o SPM, FSL

Analysis Software: o R, MATLAB, SAS, STATA, SPSS, WinBUGS

Publications

- **Naseri P**, Alavi H, Tabatabae M .Integrated Nested Laplace Approximation Method for Hierarchical Bayesian Inference of Spatial Model with Application to Functional Magnetic Resonance Imaging Data (Accepted in Communications in Statistics - Theory and Methods, 2020).

- **Naseri, P**., Amiri, P., Momenyan, S., Zayeri, F., Karimi, M., & Azizi, F. (2020). Longitudinal association between body mass index and physical activity among adolescents with different parental risk: a parallel latent growth curve modeling approach. International Journal of Behavioral Nutrition and Physical Activity, 17, 1-13.

- **Naseri P**, Alavi H, Tabatabae M. Cognitive regulation of food intake associated with weight management and obesity prevention (Accepted in Journal of Activitas Nervosa Superior Rediviva)

- **Naseri P**, Alavi H, Najibi M, Tabatabae M. Functional Brain Response to Emotional Musical Stimuli in Depression Using SPDE Approach (Accepted in Journal of Basic and Clinical Neuroscience).

- **Naseri P**, Khodakarim S, Daneshpour M, Guity K, Familial aggregation and linkage analysis with covariates for metabolic syndrome risk factors. Gene, 2018. 659: p. 118-122.

- **Naseri P**, Baghestani AR, Momenyan N, Akbari ME. Application of a mixture cure fraction model based on the generalized modified weibull distribution for analyzing survival of patients with breast cancer. International Journal of Cancer Management. 2018;11(5).

- **Naseri P,** Alavi Majd H, Kariman N, Sourtiji A. Comparison of generalized estimating equations (GEE), mixed effects models (MEM) and repeated measures ANOVA in analysis of menorrhagia data. Journal of Paramedical Sciences (JPS) Winter 2016 Vol 7, No1. ISSN 2008-4978.

- Faghihzadeh E, Alavi-Majd H, Kavousi A, **Naseri P**, Nazari A, Yadegarfar M. Difference of brain functional connectivity between regions of interest in patients with Osteoarthritis pain and opposed response to placebo. Activitas Nervosa Superior Rediviva, 2019. 61(1).

- Hasanzade M, Shirani M, Afrashtehfar KI, **Naseri P**, Alikhasi M. In vivo and in vitro comparison of internal and marginal fit of digital and conventional impressions for full-coverage fixed restorations: A systematic review and meta-analysis. Journal of Evidence Based Dental Practice. 2019: 236-254.

- Rahmani R, **Naseri P**, Safaroghli-Azar A, Tarighi S, taher Hojjati M. Investigation of correlation between H63D and C282Y mutations in HFE gene and serum Ferritin level in beta thalassemia major patients. Transfusion Clinique et Biologique. 2019; 26(4): 249-252.

- Amiri P, Vahedi-Notash G, **Naseri P**, Khalili D, Nazari SSH, Mehrabi Y, et al. National trends of pre-hypertension and hypertension among Iranian adolescents across urban and rural areas (2007–2011). Biology of sex differences. 2019;10(1):15.

- Sadeghpour F, Heidarzadeh M, **Naseri P**, Nadr-Mohammadi Moghadam M. Emotional Intelligence as a Predictor of Posttraumatic Growth in Patients Undergoing Hemodialysis. Illness, Crisis & Loss. 2018:1054137318788653.

- Momenyan S, Baghestani AR, Momenyan N, **Naseri P**. Survival Prediction of Patients with Breast Cancer: Comparisons of Decision Tree and Logistic Regression Analysis. International Journal of Cancer Management, 2018; 11(7):e9176.

- Shayan Z, Mezerji N, Shayan L, **Naseri P**. Prediction of Depression in Cancer Patients with Different Classification Criteria, Linear Discriminant Analysis versus Logistic Regression. Global Journal of Health Science; Vol. 8, No. 7; 2016.

- Heidarzadeh M, **Naseri P**, Shamshiri M, Dadkhah B, Rassouli M, Gholchin M. Evaluating the factor structure of the persian version of posttraumatic growth inventory in cancer patients. Asian nursing research. 2017;11(3):180-6.

- Khalili-Parapary Y, Heidarzadeh M, Mozaffari N, **Naseri P**. The psychometric properties and factor structure of persian version of edmonton symptom assessment scale in cancer patients. Indian journal of palliative care. 2017;23(4):419.

- Mohammad Gholi Mezerji N, **Naseri P**, Omraninezhad Z, Shayan Z. The Reliability and Validity of the Persian Version of Pittsburgh Sleep Quality Index in Iranian People. Avicenna Journal of Neuro Psycho Physiology. 2017;4(3):95-102.

- Hajifaraji M, Ajami M, Seyfi M, **Naseri P**. The effect of stevia on lipid profile and glycemic index of type 2 diabetic patients: a randomized controlled trial. World. 2018:36.

- Izadi, N., Koohi, F., Safarpour, M., **Naseri, P**., Rahimi, S., & Khodakarim, S. (2020). Estimating the cure proportion of colorectal cancer and related factors after surgery in patients using parametric cure models. Gastroenterology and Hepatology from Bed to Bench, 13(2), 125.

- Momenyan S, **Naseri P**, Alavi H, Management of Baseline Measurements in Statistical Analysis of 2×2 Crossover Trials. . Journal of Paramedical Sciences (JPS) Winter 2019 Vol 10, No1. ISSN 2008-4978.

Manuscripts under review

- Amiri P, **Naseri P**, Vahedi G, Jalali S, Khalili D, Mehrabi Y, Azizi F. Trends of low physical activity among Iranian adolescents across urban and rural areas: Findings of a national survey 2006-2011 (Revised in Scientific Reports, 2020).

Books

o Mezerji M, **Naseri P**. Guide Book for Advanced Probability and Statistics in Biology. Khaneh Ketab, 2014 (Persian language).

o Mezerji M, **Naseri P**. Shayan Z. Guide Book for inferential statistics in biostatistics, 2016 (Persian language).

Presentations

Invited speaker:

o **Naseri P**, Amiri P, Zayeri F. Longitudinal Association Between Physical Activity and Body Mass Index in Tehran Lipid and Glucose Study (TLGS). The 7th Iranian Congress of prevention and treatment of obesity. 27-29 November 2019. Tehran, Iran.

Poster presentation:

o **Nseri P,** Alavi H, Najibi M, Tabatabae M. Functional Brain Response to Emotional Musical Stimuli in Depression Using SPDE Approach. Third Iranian Symposium on Brain Mapping Updates. 1-2 May 2019. Tehran, Iran.

o **Naseri P,** Alavi Majd H, Kariman N, Sourtiji A. Comparison of generalized estimating equations (GEE), mixed effects models (MEM) and repeated measures ANOVA in analysis of menorrhagia data. The 12th annual Students Research Congress of Shahid Beheshti University of Medical Sciences.

o **Naseri P,** Khodakarim S, Daneshpour M. Non-parametric methods in genetic linkage analysis. The 12th annual Students Research Congress of Shahid Beheshti University of Medical Sciences.

o Shayan Z, Mezerji N, Shayan L, **Naseri P.** Prediction of Depression in Cancer Patients with Different Classification Criteria, Linear Discriminant Analysis versus Logistic Regression. The 12th annual Students Research Congress of Shahid Beheshti University of Medical Sciences.

References

Ahmad Parsian, PhD
Associate Professor of Statistics
School of Mathematics, Statistics and
Computer Sciences,
University of Tehran, Tehran, Iran.
E-mail: aparsian@ut.ac.ir

Yadollah Mehrabi, PhD
Associate Professor of Biostatistics
Department of Epidemiology,
School of Public Health, Shahid Beheshti
University of Medical Sciences, Tehran, Iran.
E-mail: mehrabi@sbmu.ac.ir