



In the name of God
Summary of the scientific-research certificate of the faculty
members and researchers
Endocrinology and Metabolism Research Institute
Shahid Beheshti University of Medical Sciences



Name: <i>Maryam</i>	Scopus ID number: 58602415500
Family name: <i>Mousavi</i>	
H-Index: 2	Total number of citations to articles: 42 Number of citations to articles in 2024: 1
Total number of research projects: 17 Number of research projects in the role of executor: 2	Total number of articles: 13 Number of articles by the first author/responsible: 3 Number of articles in 2024: 1



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1. Personal Information:

Name: <i>Maryam</i> Last name: <i>Mousavi</i>	Date of birth: <i>13.Dec.1989</i>	National Code:
Identity Card No:	Place of Birth: <i>Malayer</i>	Father Name: <i>Mohammad Reza</i>
Email: <i>Moosavi.biostat@gmail.com</i>	Mobile phone no: <i>09187508869</i>	

2- Academic records / training courses

Grade	Duration of study		University name	Country / city of study
	Start	End		
Bachelor (BC)	2008	2012	<i>Bu-Ali Sina</i>	<i>Hamedan, Iran</i>
Master of science (MSc)	2013	2017	<i>Tehran university of medical sciences</i>	<i>Tehran, Iran</i>
Doctor of Philosophy (Ph.D)	2017	2023	<i>Tarbiat Modares University</i>	<i>Tehran, Iran</i>

3. Employment Status:

Faculty members and formal researchers			
Contract researchers			
Work start date	contract type	Researcher rank	Last upgrade date

4. Educational experience:

4.1. Teaching in short courses / educational-research workshops

No.	Course / workshop title	Date	Organization	Teaching title
1	Methods of biostatistics (8 units)	2020	Tehran Azad University of Medical Sciences	
2	Statistics and probabilities (6 units)	2020		
3	Practical unit of biostatistical methods (2 units)	2021		
4	Working with statistical packages (SPSS) - (2 units)	2021		
5	Working with statistical packages (R) - (2 units)	2022		

5. Research Activities:

5.1. Writing a book / part of a foreign book

No.	Book Title	Publisher / place of publication / year of publication
1	Biostatistics	Scientific Publications of <i>Sana</i>

6. Executive records (responsibilities):

No.	Title of responsibility	Organization / Institute	Year
1	<i>Biostatistics researcher</i>	<i>Endocrine and Metabolism Research Center - Shahid beheshti university of medical sciences</i>	<i>2021 until now</i>
2	<i>Lecturer of Biostatistics</i>	<i>Tehran Azad University of Medical Sciences</i>	<i>2019 to 2021</i>
3	<i>Research statistical consultant</i>	<i>Agah Psychology Clinic</i>	<i>2018 until now</i>

7- Academic Awards:

8. Membership in scientific forums and associations:

Member of the Scientific Association of Biostatistics of Iran

9. (Skills (mastering foreign languages, software or device, ...) (with full specifications)

English – B1

Software: *STATA – R – EXCEL – SPSS – AMOS – PLS – PASS - Endnote*

Honors

- Rank 1 in the national entrance examination for Master of Biostatistics in 2013
- The brilliant talent of the Medical Assessment and Education Center and the Ministry of Health
- Top lecturer of Tehran Islamic Azad University of Medical Sciences with the highest evaluation score in 2018 and 2019

The number of doctoral theses with the position of consultant: 1

- ❖ **Zahra Namvar** - Environmental Health Doctorate - Shahid Beheshti University of Medical Sciences (1401)

Thesis title: Investigating the relationship between air pollution indicators and menopause age in a population-based cohort study: Tehran glucose and lipid Study

The number of theses of the fellowship course with the position of consultant: 3

- ❖ **Dr. Narjes Ahmadi** - Obstetrics and Gynecology Specialist Course - Shahid Beheshti University of Medical Sciences (1401)

Thesis title: Investigating the effect of adding the amount of ovarian reserves estimated based on the serum level of antimullerin hormone to the Framingham cardiovascular disease risk estimation tool in predicting cardiovascular events in women: Tehran's glucose and lipid study

- ❖ **Dr. Elaheh Sheklabadi** - Obstetrics and Gynecology Subspecialty Course - Shahid Beheshti University of Medical Sciences (1402) Dissertation title: Comparison of the incidence of adverse pregnancy outcomes in women with polycystic ovary syndrome and non-diseased women, taking into account the obesity status: Tehran's sugar and lipid study.

- ❖ **Dr. Amirhossein Shokravi** - Endocrine subspecialty course - Shahid Beheshti University of Medical Sciences (1402)

Thesis title: Investigating the effect of reproductive factors on the relationship between age at menarche and cardiovascular events in women with a history of reproduction: Tehran's glucose and Lipid Study

Publications

- ❖ Effect of Anthropometric, Socioeconomic, and Behavioral Factors on Early Childhood Dental Caries in Tehran: A Structural Equations Modeling Approach
*Maryam Mousavi, M.J. Kharrazifard, M.S. Yekaninejad, A. Rahimi Foroushani **
The journal of Iranian dental association (2017)

- ❖ Isolation and identification of specific bacteriophage against enteropathogenic Escherichia coli (EPEC) and in vitro and in vivo characterization of bacteriophage
Azadeh Vahedi, Mohammad Mehdi Soltan Dallal, Masoumeh Douraghi, Farhad Nikkhahi, Zahra Rajabi, Maryam Yousefi, Maryam Mousavi*
Journal: FEMS Microbiology letters (2018)

- ❖ Association of ambient air pollution and age at menopause: A population-based cohort study in Tehran, Iran
Zahra Namvar, Fahimeh Ramezani Tehrani, Abbas Shahsavani, Heresh Amini, Fariba Khodagholi, Seyed Saeed Hashemi, Maryam Mousavi, Philip K. Hopke, Elahe Shahhosseini, Fereidoun Azizi, Anoushiravan Mohseni-Bandpei
Journal: Air quality, atmosphere and health (2022)

- ❖ Diagnostic Features of Polycystic Ovary Syndrome (PCOS): A Meta-analysis of Observational Studies on Prolactin Levels in Women with PCOS
*Marzieh SaeiGharNaz, Maryam Mousavi, Fatemeh Mahboobifard, Atrin Niknam, Fahimeh Ramezani Tehrani**
Journal: Diagnostics (2022)

- ❖ Does adding serum concentrations of Anti-Müllerian Hormone to Framingham Risk Score and Pooled Cohort Equations improve prediction of cardiovascular disease?
*Mina Amiri, Narjes Ahmadi, Farzad Hadaegh, Maryam Mousavi, Fereidoun Azizi, Fahimeh Ramezani Tehrani**
Journal: Menopause (2023)

- ❖ The relationship of reproductive factors with adiposity and body shape indices changes overtime: Findings from a community-based study
*Mina Amiri, **Maryam Mousavi**, Fereidoun Azizi, Fahimeh Ramezani Tehrani**
 Journal: Journal of Translational Medicine (2023)

- ❖ Evaluating Women’s Experiences of Own capacity, Support, Participation and Safety -A Cross-Sectional Study from Iran
*Samiyeh Kazemi, Farzaneh Pazandeh, Sedigheh Sedigh Mobarakabadi, Sepideh Hajian, Ali Montazeri, **Maryam Mousavi***
 Journal: International Journal of Women's Health and Reproduction Sciences (2023)

- ❖ Evaluation factors affecting on recurrence, metastasis, and survival of breast cancer in Iranian women by multi-state model approach
***Maryam Mousavi**, Ebrahim Hajizadeh*, Aliakbar Rasekhi, Shahpar Haghighat*
 Journal: Iranian journal of public health (2023)

- ❖ Blood pressure changing during women’s lifetime: The impact of menarche (2023) Maryam Farahmand, **Maryam Mousavi***, Fahime Ramezani Tehrani
 Journal: Maturitas (2023)

- ❖ Self-reported Male Infertility and Metabolic Disturbance: A Cross-Sectional Study
*Mahbanou Farhadi Azar, Marzieh Saei Gharnaz, **Maryam Mousavi**, Fahimeh Ramezani Tehrani**
 Journal: International Journal of Endocrinology and Metabolism (2023)

- ❖ Polycystic ovary syndrome and body image concerns during adolescence
*Marzieh SaeiGharNaz, **Maryam Mousavi**, Fahimeh Ramezani Tehrani**
 Journal: Journal of Pediatric Nursing (2023)

- ❖ Long-term exposure to air pollution and anti-mullerian hormone decline rate: A population-based cohort study in Tehran, Iran.
*Zahra Namvar; Anoushiravan Mohseni-Bandpei; Abbas Shahsavani; Heresh Amini; **Maryam Mousavi**; Philip K. Hopke; Elahe Shahhosseini; Fariba Khodaghali; Seyed Saeed Hashemi; Fereidoun Azizi; Fahimeh Ramezani Tehrani*
Journal: Environmental Science and Pollution Research (2023)

- ❖ To what extent the weight changes impact the risk of hypertension among menopausal women: Insights from Tehran Lipid and Glucose Study
*Marzieh SaeiGharNaz, **Maryam Mousavi**, Fahimeh Ramezani Tehrani**
Journal: BMC journal of women health (2024)

Research projects (Codes)

- ❖ Investigating the effect of adding the amount of ovarian reserves to the Framingham cardiovascular disease risk estimation tool in predicting cardiovascular events in women. (29674)

- ❖ Evaluation of the relationship between reproductive factors and the incidence of fractures in women in Tehran: Tehran lipid and glucose study (30955)

- ❖ Individual risk factors affecting the progression of hypertension according to the states of the disease in women: Tehran lipid and glucose study (33210)

- ❖ Menstrual cycle pattern and risk of metabolic syndrome in women: Tehran lipid and glucose study (43002456)

- ❖ The risk of metabolic syndrome in children of women with premature ovarian failure in the Tehran lipid and glucose study (43002461)

- ❖ Investigating the effect of ten-year exposure to particulate pollutants on changes in anti-Müllerian hormone storage in women of the Tehran lipid and glucose study (43003530)

- ❖ The relationship between weight changes and the risk of hypertension in postmenopausal women: Tehran lipid and glucose study (43003530)

- ❖ Comparison of serum levels of antimullerin hormone in people with different phenotypes of polycystic ovary syndrome: a population-based study: Tehran lipid and glucose study (43005456)

- ❖ Comparison of the prevalence of polycystic ovary syndrome in women with and without type 2 diabetes: Tehran lipid and glucose study (43005625)

- ❖ Investigating social economic inequality in different areas of health in Tehran (32116)

- ❖ Prediction of cardiovascular disease risk using Framingham risk score in women with polycystic ovary syndrome: Tehran lipid and glucose study (43007337)

- ❖ Investigating the effect of reproductive factors on the progression of hypertension in women of the Tehran lipid and glucose study: a multi-state modeling approach (43007353)

- ❖ Investigating the trend of changes in obesity indices on the incidence of type 2 diabetes in women according to menopause status: Tehran lipid and glucose study (43007429)

- ❖ Investigating the relationship between follicle stimulating hormone and the occurrence of diabetes in women participating in Tehran lipid and glucose study (secondary data analysis) (43008667)

- ❖ Investigating the relationship between long-term changes in obesity indicators and the incidence of hypertension in women participating in the Tehran lipid and glucose study with a 20-year follow-up (43007651)

- ❖ Investigating the relationship between serum levels of follicle stimulating hormone and incidence of diabetes in men: Tehran lipid and glucose study (43008667)