

# Curriculum Vitae

## Mandana Masoumirad

### PERSONAL DATA

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**Institution:** Office of Medical Education,  
UCI School of Medicine.  
5141 California Ave. Suite 200B. Irvine, CA 92617

**Email:** masoumir@hs.uci.edu  
**Cellphone:** +1 (206) 393 8456

### EDUCATION

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OCTOBER 2023 - Now Postdoctoral scholar in PUBLIC HEALTH,  
**University of California, Irvine**  
Irvine, CA, U.S.A.

SEPTEMBER 2020 -  
SEPTEMBER 2023 Ph.D. in PUBLIC HEALTH (HEALTH POLICY),  
**Oregon State University,**  
Corvallis, Oregon, U.S.A.  
**Thesis Title:** *Effect of Oregon's Coordinated Care Organizations on Health Care Utilization and Health Outcomes Among Low-income Childbearing Women with Chronic Mental-Physical Comorbidities and Their Infants*  
**GPA:** 3.92/4

SEPTEMBER 2017 - DECEMBER 2019 M.A. in ECONOMICS,  
**University of Washington,**  
Seattle, Washington, U.S.A.  
**GPA:** 3.38/4

SEPTEMBER 2014 - JUNE 2017 M.S. in ECONOMICS,  
Graduate School of Management and Economics,  
**Sharif University of Technology,**  
Tehran, Iran.  
**Thesis Title:** *Examining Factors Affecting Students' Academic Success.*  
**GPA:** 16.53/20

SEPTEMBER 2010 - JUNE 2014 B.S. in ECONOMICS,  
**Shahid Beheshti University,**  
Tehran, Iran.  
**GPA:** 17.98/20

### HONORS AND AWARDS

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- Graduate assistantship, Oregon State University - September 2020 - September 2023
- S. Marie Harvey Sexual & Reproductive Health Fellowship by Oregon State University - 2022 - 2023 Academic Year
- Outstanding Student Poster Award. "Affordable Care Act Medicaid Expansion: Impact on use of sexual and reproductive health services for women living in rural and urban Oregon." Oregon Public Health Association Annual Conference & Meeting - October 2022
- Outstanding Student Poster Award. "Use of sexual and reproductive health services for women living in rural and urban Oregon." Oregon Public Health Association Annual Conference & Meeting - Octo-

ber 2021

- Graduate research assistantship, University of Washington - Spring 2019
- Graduate teaching assistantship, University of Washington - Winter 2018 to Fall 2018
- Graduate fellowship, University of Washington - Fall 2017
- Member of the Exceptional Talents Community at Shahid Beheshti University for Undergraduate studies - September 2010 to June 2014
- Ranked 2nd among 32 students with Economics major, Shahid Beheshti University - Class of 2014

## ACADEMIC PROFESSIONAL EXPERIENCE

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### Research Assistant

FEBRUARY 2022 - SEPTEMBER 2023

#### **Systems Approach to Perinatal Opioid Exposure and Maternal Suicidality**

Granted by the American Foundation for Suicide Prevention, Jangho Yoon (Co-PI), S. Marie Harvey (Co-PI)

#### **Responsibilities:**

Linked Oregon hospital discharge data, Medicaid medical and pharmacy claims, Medicaid eligibility files, and birth and death certificates to retrieve quarterly data.

Conducted statistical analysis, including univariate and bivariate probit regression models.

Created a time-to-event dataset to examine the effect of a healthcare system transformation in Oregon on opioid use, the onset of major depression, and suicide attempt/death among Medicaid-enrolled women in the perinatal period.

Contribute to the dissemination of research findings including preparing written manuscripts and presentations at scientific meetings.

Prepared interim reports for funding agencies.

APRIL 2019 - AUGUST 2019

**University of Washington, School of Public Health**, Seattle, Washington, U.S.A.

#### **Responsibilities:**

Conducted literature review on the association between work schedules and overweight/obesity.

Developed Stata codes for cleaning the National Longitudinal Survey of Youth (1988–2016) dataset, data synthesis, and quantitative data analysis.

JULY 2015 - JUNE 2017

**Sharif University of Technology**, Tehran, Iran.

#### **Responsibilities:**

Conducted literature review on factors affecting students academic performance and their future employment.

Created VBA Macro codes in Microsoft Excel to match and combine sets of data.

Developed Stata codes for data cleaning and data synthesis.

Designed qualitative and quantitative approaches to evaluate the impact of academic background, class size, family income, and demographic variables on graduate studies performance.

Interpreted and presented analysis results. Authored technical reports.

## Instructor

SEP 2020 - NOW

**Oregon State University**, Corvallis, Oregon, U.S.A.

**Responsibilities:**

Taught Introduction to the Health Care System, Introduction to Health Policy, & Economic Issues in Health and Medical Care (Average class size of 40 students).

Guided students to achieve the intended learning outcome of the course  
Identified and professionally discussed the shortcomings of health policy briefs with students

FALL 2019

**University of Washington**, Bothell, Washington, U.S.A.

**Responsibilities:**

Delivered over 40 hours of professional presentation on Managerial Economics (Average class size of 40 students)

Guided students on homework

Provided feedback in a respectful and professional manner to improve students learning

FALL 2018

**University of Washington**, Seattle, Washington, U.S.A.

**Responsibilities:**

Taught Principles of Microeconomics (Average class size of 40 students)

Supervised student examinations and graded exams

Offered constructive feedback based on student performance

## Teaching Assistant

JAN 2018 - JUNE 2018

**University of Washington**, Seattle, Washington, U.S.A.

**Responsibilities:**

Co-taught for Principles of Microeconomics (Average class size of 30 students)

Directed group discussions, problem-solving activities with quantitative application and modelling methodologies in Microeconomics

Held instructional office hours

Graded all exams

SEP 2011 - JUNE 2012

**Shahid Beheshti University**, Tehran, Iran.

**Responsibilities:**

Co-taught for Statistics 1 & 2

Co-authored "Statistics for Business and Economics 1 & 2, Rasa Publications, 2014"

## PUBLICATIONS

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- Jangho Yoon, **Mandana Masoumirad**, Linh N. Bui, Patrick Richard, and S. Marie Harvey. Prenatal opioid use as a predictor of postpartum suicide attempts among reproductive-age women enrolled in Oregon Medicaid. *BMC Women's Health* 24, 196 (2024). <https://doi.org/10.1186/s12905-024-03019-w>
  - **Mandana Masoumirad**, S. Marie Harvey, Linh N. Bui, and Jangho Yoon. Use of Sexual and Reproductive Health Services Among Women Living in Rural and Urban Oregon: Impact of the Affordable Care Act Medicaid Expansion. *Journal of Women's Health*. 2023.300-310.<http://doi.org/10.1089/jwh.2022.0308>

## CONFERENCE ABSTRACTS & PRESENTATIONS

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NOVEMBER 2022	<b>Masoumirad, M.</b> , Harvey, S.M., Bui, L. N., Yoon, J. Affordable Care Act Medicaid Expansion: Impact on use of sexual and reproductive health services for women living in rural and urban Oregon. APHA 2022 Annual Meeting & Expo, Boston, Massachusetts. Poster presentation
OCTOBER 2022	<b>Masoumirad, M.</b> , Harvey, S.M., Bui, L. N., Yoon, J. Affordable Care Act Medicaid Expansion: Impact on use of sexual and reproductive health services for women living in rural and urban Oregon. Oregon Public Health Association Annual Conference & Meeting, Corvallis, OR. Poster presentation
JUNE 2022	<b>Masoumirad, M.</b> , Harvey, S.M., Bui, L. N., Yoon, J. Use of sexual and reproductive health services for women living in rural and urban Oregon. AcademyHealth Annual Research Meeting, Washington, D.C. Poster presentation
OCTOBER 2021	<b>Masoumirad, M.</b> , Harvey, S.M., Bui, L. N., Yoon, J. Use of sexual and reproductive health services for women living in rural and urban Oregon. Virtual Oregon Public Health Association Annual Conference & Meeting Poster presentation

## TERM PAPERS AND PROJECTS

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- **Prescription Opioid Overdose and the Effectiveness of Prescription Drug Monitoring Programs**, Policy Brief, Spring 2021, Oregon State University.  
The rising prevalence of prescription opioid overdose rates was investigated, and three policy solutions, including the Prescription Drug Monitoring Program, were proposed to combat the current epidemic..
- **Cost-effectiveness of the “Contraceptive CHOICE Project”**, Research Plan, Winter 2021, Oregon State University.  
A model was proposed using Cost-Effective Analysis to characterize the cost of the “Contraceptive CHOICE Project” relative to the project’s benefit.
- **Access to sexual and reproductive health services among low-income young women in the United States**, Policy Brief, Winter 2021, Oregon State University.  
Assessed women of reproductive age’s access to sexual and reproductive health services in the United States and proposed three policy solutions to improve their access to these services.
- **Relationship between Mother’s Non-Standard Work Hours and Childhood Obesity**, Term Paper, Spring 2019, University of Washington.  
Investigated the relationship between mothers’ non-standard work hours and overweight children using the dataset of National Longitudinal Survey of Youth from 1979 to 2016

## SKILLS

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Statistical Software:	Stata, SAS
Programming Languages:	MATLAB, Python, SQL, R
Other Tools:	L <sup>A</sup> T <sub>E</sub> X, Microsoft Word, Microsoft Excel, Microsoft PowerPoint, ...
Areas of Expertise Include:	Statistical Analysis, Regression Analysis, Machine Learning

## SERVICES

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UNIVERSITY SERVICES	Member, Search committee for Health Policy and Management faculty, School of Social and Behavioral Health Sciences, College of Public Health and Human Sciences, Oregon State University, 2021-2022
OTHER SERVICES	Abstract reviewer, APHA's 2022 Annual Meeting & Expo., 2022 Abstract reviewer, AcademyHealth 2023 Annual Meeting Abstract reviewer, APHA's 2023 Annual Meeting & Expo., 2023

## PROFESSIONAL MEMBERSHIP

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2021-Now	Member, AcademyHealth
2022-Now	Member, American Public Health Association
2020-2023	Member, Oregon Public Health Association