

# CURRICULUM VITAE

## MOHSEN MONJI

PhD Candidate & Lecturer in Sociology/Social Statistics, FRQSC Doctoral Scholar, CAnD3

Doctoral Fellow, CRDCN Emerging Scholar

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## EDUCATION

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**Ph.D. CANDIDATE IN SOCIAL AND CULTURAL ANALYSIS (SOCIOLOGY) 2020 – Present**

Concordia University

*Montréal, Canada*

- **Thesis:** Quantitative Intersectional Approaches to Population Mental Health Disparities: A Study of Young Adults in Canada.
- **Co-Supervisors:** Drs. Matthew Unger, Marie-Pier Joly (Concordia University)
- **Committee Member:** Dr. Alexis Dennis (McGill University)

M.A. IN ANTHROPOLOGY

2018

*University of Tehran*

*Iran*

B.S. IN INDUSTRIAL ENGINEERING

2015

*Isfahan University of Technology*

*Iran*

## RESEARCH INTERESTS

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Social Determinants of Mental Health , Access to Mental Health Care, Quantitative Research Methods, Applied Social Statistics, Survey Methodology, Computational Sociology, History of Statistics, Critical Data Studies.

## MANUSCRIPTS IN PROGRESS

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- Disparities in Anxiety and Depression among Young Adults in Canada: An Intersectional Multilevel Analysis of Individual Heterogeneity and Discriminatory Accuracy (MAIHDA).
  - Intersectional Disparities in Psychological Distress among Young Adults in Canada: A Latent Class Analysis.
  - Mental Health Disparities among Young Adults in Canada: A Mixed-Effect Model Analysis.
  - Community Belonging and Self-Rated Mental Health among Young Adults in Canada: Findings from the Canadian Community Health Survey.
  - Food Insecurity as a Social Determinant of Psychological Distress among Young Adults in Canada: A Mixed-Effects Model Analysis.

- Machine Learning Approaches to Population Mental Health: A Comparison of Logistic Regression, Support Vector Machines, and Decision Trees.

## PROFESSIONAL AND RESEARCH EXPERIENCE

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<b>MENTOR, CONNECT CONCORDIA MENTORSHIP PROGRAM</b> <b>Concordia University</b>	<b>2025-Present</b> <b>Montréal, Canada</b>
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Providing mentorship, academic, and career advising to undergraduate students at Concordia University.

<b>DOCTORAL RESEARCHER, CRDCN EMERGING SCHOLAR</b> <b>The Canadian Research Data Centre Network (CRDCN)</b>	<b>2024 - Present</b> <b>Montréal, Canada</b>
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Using data from Statistics Canada's national surveys to analyze disparities in mental health outcomes among youth and young adults in Canada.

<b>DOCTORAL RESEARCHER</b> <b>The Quebec inter-University Centre for Social Statistics (QICSS)</b>	<b>2024 - Present</b> <b>Montréal, Canada</b>
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Using data from Statistics Canada's national surveys to analyze disparities in mental health outcomes among youth and young adults in Canada.

<b>DOCTORAL FELLOW</b> <b>Consortium on Analytics for Data-Driven Decision-Making (CAnD3), McGill University</b>	<b>2024 - Present</b>
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One-year training doctoral fellowship in population data analytics at McGill University.

<b>RESEARCH ASSISTANT</b> <b>Department of Sociology and Anthropology, Concordia University</b>	<b>2022 - Present</b>
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Research assistant to Professor Matthew Unger in two SSHRC and FRQSC projects on Indigenous communities in Canada.

<b>RESEARCH ASSISTANT</b> <b>Department of Sociology and Anthropology, Concordia University</b>	<b>Jan 2022- June 2023</b>
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Research assistant to Professor Marie-Pier Joly in a project on employment, underemployment, and the mental health of immigrants in Canada.

<b>RESEARCH ASSISTANT</b> <b>The Applied Artificial Intelligence Institute, Concordia University</b>	<b>Jun 2023 - Sep 2023</b>
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Research assistant to Professor Tristan Glatard, Canada Research Chair on Big Data for Neuroinformatics and the co-director of the Applied Artificial Intelligence Institute.

Publication available at: [Normative Principles for Gender Equity in AI](#)

<b>CONTRIBUTING AUTHOR/EDITOR</b> <b>All Tech is Human, Responsible Artificial Intelligence Working Group</b>	<b>Jul 2023 - Oct 2023</b>
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The 2023 Responsible Tech Guide. Available at: [Responsible Tech Guide](#).

## TEACHING EXPERIENCE

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**LECTURER**, Department of Sociology and Anthropology, Concordia University

**SOCI 212, Statistics I**, Winter 2025

- Designed a course in social statistics.

**TEACHING ASSISTANT**, Department of Sociology and Anthropology, Concordia University

- Provided office hours, led tutorials, and conducted lab sessions to support student learning.

**SOCI 212-B, Statistics I**, Fall 2024

**SOCI 213-B, Statistics II**, Winter 2024

**SOCI 213 -CC, Statistics II**, Winter 2024

**SOCI 213-AA, Statistics II**, Fall 2023

**SOCI 310, Research Methods**, Winter 2022

**SOCI 300, Classical Social Theory**, Winter 2025, Fall 2024

**SOCI 300, Classical Social Theory**, Winter 2023, Fall 2022

**SOCI 300, Classical Social Theory**, Winter 2022, Fall 2021

**TEACHING ASSISTANT**, *Department of Applied Human Sciences, Concordia University*

**AHSC 380, Quantitative Research Methods for Practitioners**, Winter 2022

**TUTOR**, self-employed, Tehran, Iran, 2016-2020.

- Taught Social Statistics and Quantitative Research Methods to undergraduate and graduate social science students.

## CONFERENCE PRESENTATION

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**Canadian Sociological Association Annual Conference**, Toronto, Canada (2025)

- Discrimination and Inequalities in Psychological Distress among Young Adult Post-Secondary Students in Canada: A Latent Class Analysis (Sociology of Mental Health Research Cluster)

**Canadian Sociological Association Annual Conference**, Toronto, Canada (2025)

- Food Insecurity and Psychological Distress Among Young Adult Post-Secondary Students in Canada: A Mixed-Effect Analysis (Food Studies Cluster)

**Canadian Population Society Annual Conference**, Toronto, Canada (2025)

- Discrimination and Inequalities in Psychological Distress among Young Adult Post-Secondary Students in Canada: A Latent Class Analysis.

### **Canadian Population Society Annual Conference, Toronto, Canada (2025)**

- Food Insecurity and Psychological Distress Among Young Adult Post-Secondary Students in Canada: A Mixed-Effect Analysis.

### **Canadian Public Health Association Annual Conference, Winnipeg, Canada (2025)**

- Discrimination and Inequalities in Psychological Distress among Young Adult Post-Secondary Students in Canada: A Latent Class Analysis (Accepted)

### **ODISSEI Conference of Computational Social Science, Utrecht, The Netherlands (2024)**

- Machine Learning Approaches for Exploring the Social Determinants of Mental Health in Canada, (Absent due to visa delays).

### **Canada's Social Prescribing Conference- Advancing Social Prescribing for Health & Wellbeing, Toronto, Canada (2024)**

- Towards Mental Health Equity through Community Building: Social Prescribing as an Emerging Determinant of Mental Health in Canada.

## **TALKS**

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### **Affecting Machines: Normative Principles for Gender Equity in Artificial Intelligence, Fourth Space, Concordia University (2023)**

Panelist in a workshop discussing and presenting the Normative Principles for Gender Equity in AI. See the recorded workshop at: [Affecting Machines](#)

## **SCHOLARSHIPS, FELLOWSHIPS, AWARDS , DISTINCTIONS**

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- **Canadian Research Data Centre Network (CRDCN) Emerging Scholars Grant, Ph.D., 2024.**  
Awarded by CRDCN, Funded by the CFI, CHIRR, SSHRC, Statistics Canada.
- **Quebec Inter-University Center for Social Statistics (QICSS) Entrance Scholarship, PhD, 2024.**
- **Fonds de recherche du Québec (FRQSC) Doctoral Scholarship, 2024-2026.**  
**Ranked 1<sup>st</sup>** in Sociology and Demography.
- **Consortium on Analytics for Data-Driven Decision-Making (CAnD3) Fellowship, 2024-2025.**  
**First Concordia student** to be awarded the CAnD3 fellowship by McGill University.
- **Dialogue McGill's Graduate Research Scholarship, 2023-2024.**
- **Concordia University Conference Travel Award, 2024, 2025(3 times)**
- **Concordia University Merit Scholarship, Department of Sociology and Anthropology, 2023**
- **Concordia University Graduate Fellowship (Ph.D.), 2020-2024**
- **Concordia University International Tuition Award of Excellence (Ph.D.), 2020-2024**

## ACADEMIC AFFILIATIONS

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- Canadian Sociological Association
- American Sociological Association
- American Statistical Association
- Statistical Society of Canada
- Canadian Population Society
- Canadian Public Health Association
- American College Health Association
- The Health Equity Network
- Women's Health Research Cluster
- The Quebec Population Health Research Network

## SKILLS

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- **Survey Data Analysis:** Complex surveys, multiple imputations, sampling, nonresponse bias, weighting, bootstrapping.
- **Statistical Modeling:** OLS, logistic, & ordinal regressions, Mixed-effects models, mediation and moderation analysis, latent class analysis, I-MAIHDA.
- **Machine Learning:** Support vector machines, decision trees, k-nearest neighbors, random forests, neural networks.
- **Data Visualization:** Static and interactive visualizations with ggplot2, Plotly, and shiny dashboards.
- **Mathematical Writing:** LaTeX, R Markdown, Quarto, Bookdown.
- **Reproducible Research:** R Projects, renv.
- **Other Tools:** Google Workspace, Google Forms, Microsoft 365, Notion, Excel, Word, PowerPoint.

## PROGRAMMING LANGUAGES & SOFTWARE

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- R, Python, SPSS, LaTeX, Git, GitHub, R Markdown, Quarto, Bookdown, Qualtrics.

## CERTIFICATES

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- **Canadian Statistics and Microdata for the Social Sciences**, issued by Concordia University, 2023.
- **Gender-Based Analysis Plus**. *Issued by Government of Canada, 2024.*
- **Gender and Health: Awareness, Analysis, and Action**. *Issued by Pan American Health Organization, 2024.*
- **Health Inequality Monitoring Foundations: Data Sources**. Issued by World Health Organization, 2023.
- **Health Inequality Monitoring Foundations: Health Data Disaggregation**. Issued by World Health Organization, 2023.
- **Inequality Analysis using R: Disaggregated data from surveys**. Issued by World Health Organization, 2023.
- **Research Ethics based on the Tri-Council Policy Statement: Ethical Conduct for Research Involving Humans (TCPS 2: CORE 2022)**. Issued by Government of Canada, 2024.

## LANGUAGES

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English, Persian.

## REFERENCES

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**Matthew P Unger** ([matthew.unger@concordia.ca](mailto:matthew.unger@concordia.ca)) ([homepage](#))

*Associate Professor, Department of Sociology and Anthropology, Concordia University.*

**Marie-Pier Joly** ([marie-pier.joly@concordia.ca](mailto:marie-pier.joly@concordia.ca)) ([homepage](#))

*Assistant Professor, Department of Sociology and Anthropology, Concordia University.*

**Alexis Dennis** ([alexis.dennis@mcgill.ca](mailto:alexis.dennis@mcgill.ca)) ([homepage](#))

*Assistant Professor, Department of Sociology, McGill University.*