

CURRICULUM VITAE

MOHSEN MONJI

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

Doctoral Fellow, CRDCN Emerging Scholar

🌐 www.mohsenmonji.com 🐙 github.com/Mohsnmonji ✉ Mohsen.monji@concordia.ca

🌐 [linkedin.com/Mohsenmonji](https://www.linkedin.com/Mohsenmonji)

EDUCATION

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

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

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| DOCTORAL RESEARCHER, CRDCN EMERGING SCHOLAR The Canadian Research Data Centre Network (CRDCN) | 2024 - Present Montréal, Canada |
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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.

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| DOCTORAL RESEARCHER The Quebec inter-University Centre for Social Statistics (QICSS) | 2024 - Present Montréal, Canada |
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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.

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

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

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| RESEARCH ASSISTANT Department of Sociology and Anthropology, Concordia University | Jan 2022- June 2023 |
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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.

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| RESEARCH ASSISTANT The Applied Artificial Intelligence Institute, Concordia University | Jun 2023 - Sep 2023 |
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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](#)

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

TEACHING EXPERIENCE

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

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

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

- **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 1st 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

- 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

- **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

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

CERTIFICATES

- **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

English, Persian.

REFERENCES

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

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

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

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

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

Assistant Professor, Department of Sociology, McGill University.