

Aida Parnia

University of Toronto

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EDUCATION

University of Toronto 2021 – Current
PhD: Sociology

University of Toronto 2020 – 2021
Master of Arts: Sociology

University of Toronto 2014 – 2016
Master of Public Health: Epidemiology

University of Toronto 2010 – 2014
Honours B.Sc. Psychology and Global Health

RESEARCH INTERESTS

- Health inequalities
- Quantitative methods
- Class
- Racialization
- Migration
- Gender

AWARDS

2022

- Barbara Frum Memorial Award in Canadian Scholarship – \$8,000
- Ontario Graduate Scholarship (OGS) – \$15,000
- Canada Graduate Scholarship (CGS) Doctoral award – SSHRC – \$105,000
 - Ranked 2 out of 151 proposals (total score of 11.87/12) in the sub-committee

2021

- Sociology Admission Merit Award – University of Toronto – \$10,500
- Raymond Breton Graduate Scholarship – \$3,000

2020

- Canada Graduate Scholarship-Master's (CGS M) – SSHRC – \$17,500

TEACHING EXPERIENCES

University of Toronto

CI Intermediate Quantitative Methods (undergraduate, Sociology) Fall 2024

TA Intermediate Data Analysis (Graduate, Sociology) Winter 2023, 2024

TA Statistics for Sociologists (Graduate, Sociology) Fall 2022, Winter 2022, 2023

TA Introduction to Quantitative Methods (undergraduate, Sociology) Fall 2021, 2022, 2024

TA Intermediate Quantitative Methods (undergraduate, Sociology) Fall 2020, Winter 2023

TA Advanced Topics in Sociology: Sociology of Emotions (undergraduate, Sociology) Winter 2021

Other

Workshop: Introduction to R. Quantitative Boot Camp for Graduate Students. Sociology Department, U of T, Sept 2023

Workshop: Introduction to R. Computational & Quantitative Social Sciences (CQSS), Methods Training Days. Data Science Institute, U of T, Sept 2023

PUBLICATIONS

Refereed Journal Articles

1. Blair A, **Parnia A**, Shahidi F V, Siddiqi A. (2021). Social inequalities in protective behaviour uptake at the start of the COVID-19 pandemic: results from a national survey. *Canadian Journal of Public Health*. <https://doi.org/10.17269/s41997-021-00553-0>
2. Shahidi F. V., & **Parnia, A.** (2021). Unemployment Insurance and Mortality Among the Long-Term Unemployed: A Population-Based Matched Cohort Study. *American Journal of Epidemiology*. <https://doi.org/10.1093/aje/kwab144>
3. Blair A, **Parnia A**, Siddiqi A. (2021) A time-series analysis of testing and COVID-19 outbreaks in Canadian federal prisons to inform prevention and surveillance efforts. *Communicable Disease Report = Revele des Maladies Transmissibles au Canada*. 47(1):66-76. DOI: 10.14745/ccdr.v47i01a10.
4. Blair A, Warsame K, Naik H, Byrne W, **Parnia A**, and Siddiqi A. (2021) Identifying Gaps in COVID-19 Health Equity Data Reporting in Canada Using a Scorecard Approach. *Canadian Journal of Public Health*, <https://doi.org/10.17269/s41997-021-00496-6>.
5. Shahidi F.V., **Parnia A.**, Siddiqi A. (2020). Trends in socioeconomic inequalities in premature and avoidable mortality in Canada, 1991-2016. *CMAJ*, 192 (39) E1114-E1128; DOI: 10.1503/cmaj.191723.
6. Tait, C.A., **Parnia, A.**, Zewge-Abubaker, N. *et al.* (2020). Did the UN convention on the rights of the child reduce child mortality around the world? An interrupted time series analysis. *BMC Public Health* 20, 707.
7. **Parnia A**, Siddiqi A. (2020). Socioeconomic disparities in smoking are partially explained by chronic financial stress: marginal structural model of older US adults. *J Epidemiol Community Health* 74:248-254
8. Smith-Canoy, H., Wong, W., Siddiqi, A., Tait C., and **Parnia, A.** (2020) When Everyone Agrees: Human Rights Norms on Women and Children and Their Effects on Health. *The International Journal of Human Rights*
9. Wiseman, C. L. S., **Parnia, A.**, Chakravartty, D., Archbold, J., Copes, R., and Cole D. (2019). "Total, methyl and inorganic mercury concentrations in blood and environmental exposure sources in newcomer women in Toronto, Canada." *Environmental research* 169: 261-271.
10. **Parnia, A.**, Chakravartty, D., Wiseman C.L.S., Archbold, J., Copes, R., Zavar, N., Chen, S.X., and Cole, D.C. (2018). Environmental factors associated with blood lead among newcomer women from South and East Asia in the Greater Toronto Area. *Science of The Total Environment*, 624, 558-566.
11. Wiseman, C.L.S., **Parnia A.**, Chakravartty D., Archbold J., Zvar N., Copes R., Cole D. (2016). Blood Cadmium Concentrations and Environmental Exposure Sources in Newcomer South and East Asian Women in the Greater Toronto Area, Canada. *Environmental Research*, 154, 19-27.

Manuscripts in Progress

1. **Parnia A.**, Fields J. "Gender-based inequalities in the mental health of queer and trans people in Toronto, Canada, during the third wave of the COVID-19 pandemic"

Project Reports

1. Chakravartty, S. D., **Parnia, A.**, Wiseman, C., Cole, D., Archbold, J., White-Barnett, O., Copes, R. (2016). *Metals in Newcomer Women Final Report*. Health Canada.

Media Articles

1. Siddiqi, A., Blair, A., **Parnia, A.** (2020). A lack of data hides the unequal burden of COVID-19. [*Toronto Star*](#)
2. **A Parnia** (2016) Lead Poisoning: A Review. [*Juxtaposition Global Health Magazine*](#)
3. **A Parnia** (2015). Why we need to stand in solidarity with the TA union, [*The Varsity*](#)
4. **A Parnia** (2015). Ebola in Context: Lessons Learned from the Ebola Crisis, [*Juxtaposition Global Health Magazine*](#)
5. **A Parnia** (2014). Health Politics in Focus: Dr. Norman Bethune (UofT 1916). [*Juxtaposition Global Health Magazine*](#)

PROFESSIONAL AND RESEARCH EXPERIENCE

- Research data analyst* 2018 May – Current
Dr. Siddiqi's lab, Dalla Lana School of Public Health, U of T
- Lead data analysis activities for several research projects
- Research assistant* 2022 July – 2023 Aug
Dr. Field's research group, University of Toronto Scarborough
- Lead quantitative data analysis for a project on the mental health of queer and trans people
- Studio Y fellow* 2017 Sept – 2018 May
Data Catalyst, MaRS Discovery District
- Conducted a rapid review of the economic and social impact of innovation hubs and social entrepreneurship incubators globally
- Research associate* 2017 Mar – 2017 Aug
Aboriginal Cancer Control Unit, Cancer Care Ontario
- Contributed to various projects and reports related to cancer risk and prevention in indigenous communities in Ontario
- Data analyst* 2016 Oct – 2017 Mar
Dr. Siddiqi's lab, Dalla Lana School of Public Health, U of T
- Lead study on the role of stress in socioeconomic disparities in health
- Writer / data analyst* 2016 Jul – 2016 Sep
Metals in Newcomer Women Project, Dalla Lana School of Public Health, U of T
- Drafted final reports for granting agency, ethics, and peer-review publications
- Practicum student* 2016 Jan – 2016 May
Dr. Siddiqi's lab, Dalla Lana School of Public Health, U of T
- Research Canadian welfare state reforms and subsequent reform of child benefits in the early 2000s
- Research assistant* 2015 Oct – 2016 Mar
Metals in Newcomer Women Project, Dalla Lana School of Public Health, U of T
- Conducted all quantitative analysis and prepared findings for presentations and reports

Practicum student

2015 Apr – 2016 Aug

Metals in Newcomer Women Project, Dalla Lana School of Public Health, U of T

- Crafted program for input and cleaning the database of more than 200 interviews using CSpro and reported early findings

Research Student

2014 Jun – 2014 Sept

Centre for Global Child Health, SickKids

- Contributed to a systematic review of food fortification in low- and middle-income countries

POSTERS AND PRESENTATIONS

1. **A. Parnia (2024)**. Inequalities in the health of queer and trans people: Cis-heteropatriarchy as a theoretical approach. *Canadian Sociological Association Conference, Montreal, Canada* [Presentation]
2. A. Dibavar, ..., **A. Parnia (2024)**. Feminist, Queer, and Femme Worldmaking of Protest, Care, and Solidarity. *International Studies Association Conference, San Francisco, USA* [Round table]
3. **A. Parnia (2023)**. Queer politics in Iran's Woman, Life, Freedom Movement: Beyond Politics of Recognition. *Historical Materialism Conference, London, UK* [Presentation]
4. **A. Parnia (2022)**. Toronto 2SLGBTQIA+ Health and Well-Being During the Covid-19 Pandemic. *Centre for Mental Health and Addiction (Oct 26, 2022)* [Online presentation]
5. **A. Parnia (2019)**. The racial/ethnic composition of "Healthy Immigrant Effect" in Canada. *Social Epidemiology Seminar (Nov 4, 2019), DLSPH, U of T* [Presentation]
6. **A. Parnia (2018)**. Distribution and characteristics of voter share for right-wing populist mayoral candidate. *Social Determinants of Health CHL 5105, DLSPH U of T* [Presentation]
7. **A. Parnia (2017)**. Determinants of 'Modifiable Behaviours': Role Of Financial And Life Stress In Mediating Disparities In Socioeconomic Status. *Social Epidemiology Seminar (May 1, 2017) DLSPH, U of T*. [Presentation]
8. **A. Parnia, K. Deng, J Greenwood. (2018)**. Impact of Innovation Hubs. *MaRS Discovery District*. [Company presentation]
9. S. Saha, A. Manduric, **A. Parnia, J. Robson, S. Dhunna, DC. Cole. (2017)**. JuxtaTalks: Critical Health Perspectives. [Panel Discussion]
10. **A. Parnia, Y Shakya, S Wanigaratne, DC. Cole. (2016)**. The Need for Anti-racist Frameworks in Community-Based Participatory Research (CBPR) in Public Health. [Decolonizing Conference](#). [Panel Discussion]
11. **A. Parnia, D. Chakravartty, C.L.S. Wiseman, J. Archbold, R. Copes, N. Zawar, S. Chen, DC. Cole. (2016)**. Lead In Newcomer Women From South & East Asia in Greater Toronto Area. *Public Health 2016. Canadian Public Health Association (CPHA)*. Toronto, Ontario. [Poster]
12. **A. Parnia, D. Chakravartty, C.L.S. Wiseman, J. Archbold, R. Copes, N. Zawar, S. Chen, DC. Cole. (2015)** Metals in Newcomer Women Study - Preliminary Results and Knowledge Exchange Strategy. [Community meeting presentation]
13. **A. Parnia, D. Chakravartty, C.L.S. Wiseman, J. Archbold, R. Copes, N. Zawar, S. Chen, DC. Cole. (2015)**. Newcomer women in the greater Toronto area – the case of trans-national metal exposures in a global environment. *Canadian Conference On Global Health, Montreal, Quebec*. [Poster]
14. C.L.S Wiseman, D. Chakravartty, J.A. Archbold, R. Copes, N. Zawar, **A. Parnia, S. Chen, D. Cole. (2015)** Blood Metal Concentrations in Newcomer Women in Toronto, Canada. *Society of Environmental Toxicology and Chemistry North America 36th Annual Meeting, Salt Lake City, Utah*. [Poster]

15. A Alberga, **A Parnia**, S Brent, L Falk, Y Ali, M Pereira Bajard, A Manoharan, S Paramalingam. **(2015)** Canadian Ebola Perceptions: Responding to a Global Health Epidemic. 2015 The Canadian Society for Epidemiology and Biostatistics Conference. Toronto, Ontario. [Poster]
16. Z. Bhutta, A.J. Prashad, K. Wazny, E. Keats, A. Huynh, **A. Parnia**, H. Pitchik. and J. Das, **(2015)**. Food fortification as a strategy for alleviating micronutrient deficiencies in low-and middle-income countries: A systematic review. [*Annals of Global Health*, 81\(1\), pp.188-189](#)
17. **A Parnia**, S Malaviya. **(2014)**. Reinventing the Role of Universities in Neglected Diseases. 7th Annual Global Health Symposium. The Graduate Student Alliance for Global Health. Toronto, Ontario. [Presentation]
18. B Pakes, **A Parnia**, DC Cole. **(2014)**. What is global health: An empirical analysis and taxonomy. *Pandemic of Health Conference*. Dalla Lana School of Public Health, University of Toronto. [Presentation]

HONOURS

<i>Outstanding Graduating Sociology Student</i> Canadian Sociological Association – University of Toronto	2022
<i>Gordon Cressy Leadership Award</i> University of Toronto	2016
<i>Knowledge Translation Graduate Student Award</i> National Collaborating Centres for Public Health (As part of the Ebola Working Group)	2015
<i>Planning and Dissemination Grant– Institute Community Support (\$10,000)</i> Dimaras H, Parnia A , Raman SA, Liang L. Canadian Conference on Neglected Tropical Diseases. Canadian Institute of Health Research (CIHR) [Award]	2014
<i>Best Oral Presentation</i> Annual Global Health Symposium, Graduate Student Alliance for Global Health	2014

PROFESSIONAL DEVELOPMENT AND TRAINING

<i>Population Analytics in an Aging Society Training</i> The Consortium on Analytics for Data-Driven Decision-Making (CAnD3), McGill University	2023
<i>Berkeley Workshop in Formal Demography</i> University of California, Berkeley	2022
<i>Certificate in Health Impact</i> The Dalla Lana Fellowship in Global Journalism, University of Toronto	2020
<i>Systematic Review Workshop</i> Institute for Work and Health	2017

PROFESSIONAL AND COMMUNITY SERVICE

Journal Reviewer

International Journal of Hygiene and Environmental Health [2023], *The Journal Of Exposure Science And Environmental Epidemiology* [2021] *Reproductive Toxicology* [2018] *Journal of Epidemiology and Community Health* [2017] *International Journal of Health Policy and Management (In collaboration with Prof. Cole)* [2016] *Environmental Research (In collaboration with Prof. Cole)* [2015]

CUPE 3902, Unit 1 Steward 2024
Sociology Department, U of T

Mentor 2016-2017
Public Health Alumni Association, Dalla Lana School of Public Health, U of T

Coordinator 2014-2015
REINVENT Conference on Neglected Diseases, Dalla Lana School of Public Health, U of T

Co-Director 2014-2015
Ebola Working Group-Community Outreach Team, Dalla Lana School of Public Health, U of T

Public relations Co-Director 2014
Health and Human Rights Conference, University of Toronto International Health Program

Executive Editor-in-Chief 2013-2014
Juxtaposition Global Health Magazine, U of T

Team Assistant 2013-2014
MoveU Health Education Team, Kinesiology and Physical Education Faculty, U of T

Communications Executive 2012-2014
Hart House Social Justice Committee, Hart House, U of T

PROGRAMMING LANGUAGES

Data Analysis: R, STATA, SAS

Data Management: CSPRO, Access

REFERENCES

1. Dr. Monica Alexander
Assistant Professor, Statistics and Sociology, University of Toronto
Email: monica.alexander@utoronto.ca
2. Dr. Arjumand Siddiqi
Professor, Dalla Lana School of Public Health, University of Toronto
Email: aa.siddiqi@utoronto.ca