

# Aida Parnia

University of Toronto  
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## EDUCATION

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University of Toronto PhD: Sociology	2021 – Current
University of Toronto Master of Arts: Sociology	2020 – 2021
University of Toronto Master of Public Health: Epidemiology	2014 – 2016
University of Toronto Honours B.Sc. Psychology and Global Health	2010 – 2014

## RESEARCH INTERESTS

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

## AWARDS

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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 proposal (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

## PUBLICATIONS

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### 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 = Relevé 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"
2. **Parnia A.**, Nkiwane N., Siddiqi A. "Racial Inequalities in Mortality in the Context of Post-20<sup>th</sup> Century Immigration to a Settler-Colonial State: Analysis of Census-Linked Death Records from Canada"

## 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\*](#)

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## PROFESSIONAL AND RESEARCH EXPERIENCE

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- Research assistant* 2022 July – current  
Dr. Field's research group, University of Toronto Scarborough
- Lead quantitative data analysis for project on mental health of queer and trans people
- 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
- Studio Y fellow* 2017 Sept – 2018 May  
Data Catalyst, MaRS Discovery District
- Conducted a rapid review of 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 report 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 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

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## TEACHING EXPERIENCE

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*Teaching assistant (Graduate level)* Intermediate Data Analysis (1 session), Sociology, U of T

Teaching assistant (Graduate level) Statistics for Sociologists (3 sessions), Sociology, U of T  
 Teaching assistant Introduction to Quantitative Methods (2 sessions), Sociology, U of T  
 Teaching assistant Sociology of Emotions (1 session), Sociology, U of T  
 Teaching assistant Intermediate Quantitative Methods (2 sessions), Sociology, U of T

## POSTERS AND PRESENTATIONS

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1. **A. Parnia (2023).** Queer politics in Iran's Woman, Life, Freedom Movement: Beyond Politics of Recognition. *Historical Materialism Conference, London, UK* [Presentation]
2. **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]
3. **A. Parnia (2019).** The racial/ethnic composition of "Healthy Immigrant Effect" in Canada. *Social Epidemiology Seminar (Nov 4, 2019), DLSPH, U of T* [Presentation]
4. **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]
5. **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]
6. **A. Parnia, K. Deng, J Greenwood. (2018).** Impact of Innovation Hubs. *MaRS Discovery District.* [Company Presentation]
7. S. Saha, A. Manduric, **A. Parnia**, J. Robson, S. Dhunna, DC. Cole. **(2017).** JuxtaTalks: Critical Health Perspectives. [Panel Discussion]
8. **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]
9. **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]
10. **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]
11. **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]
12. 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]
13. 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]
14. 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\*](#)
15. **A Parnia**, S Malaviya. **(2014).** Reinventing the Role of Universities in Neglected Diseases. 7<sup>th</sup> Annual Global Health Symposium. The Graduate Student Alliance for Global Health. Toronto, Ontario. [Presentation]

16. 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

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*Outstanding Graduating Sociology Student* 2022  
Canadian Sociological Association – University of Toronto

*Gordon Cressy Leadership Award* 2016  
University of Toronto

*Knowledge Translation Graduate Student Award* 2015  
National Collaborating Centres for Public Health (As part of the Ebola Working Group)

*Planning and Dissemination Grant– Institute Community Support (\$10,000)* 2014  
Dimaras H, **Parnia A**, Raman SA, Liang L. Canadian Conference on Neglected Tropical Diseases. Canadian Institute of Health Research (CIHR) [Award]

*Best Oral Presentation* 2014  
Annual Global Health Symposium, Graduate Student Alliance for Global Health

## PROFESSIONAL DEVELOPMENT AND TRAINING

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*Population Analytics in an Aging Society Training* 2023  
The Consortium on Analytics for Data-Driven Decision-Making (CAnD3), McGill University

*Berkeley Workshop in Formal Demography* 2022  
University of California, Berkeley

*Certificate in Health Impact* 2020  
The Dalla Lana Fellowship in Global Journalism, University of Toronto

*Systematic Review Workshop* 2017  
Institute for Work and Health

## PROFESSIONAL AND COMMUNITY SERVICE

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### 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]

**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**

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**Data Analysis:** R, STATA, SAS

**Data Management:** CSPRO, Access