

LEAH ROSENKRANTZ
Curriculum Vitae

Department of Geography
Simon Fraser University
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EDUCATION

- 2021 PhD candidate, Geography, Simon Fraser University
Dissertation Title: Implementing trauma registries in low- and middle-income countries: towards a better understanding of experience and sustainability
Dissertation Advisor: Dr. Nadine Schuurman
- 2017 Masters, Global Health Systems, The University of Western Ontario
- 2016 BSc, Physiology, The University of Western Ontario

PUBLICATIONS

Refereed Journal Articles:

- [9] Laane, C.L.E., **Rosenkrantz, L.**, Schuurman, N., Hameed, S.M., Joos, E. (2021). Socioeconomic Status Does Not Influence the Presentation of Patients with Inguinal Hernia at an Urban Canadian Teaching Hospital. *Canadian Journal of Surgery*.
- [8] **Rosenkrantz, L.**, Schuurman, N., Arenas, Jimenez, M.F., Hameed, M.S. (2021). Understanding the barriers and facilitators to trauma registry development in resource-constrained settings: a survey of trauma registry stewards. *Injury*.
- [7] Ramay, B., Caudell, M., Cordon-Rosales, C., Archila, L., Palmer, G., Jarquin, C., Moreno, P., McCracken, J., **Rosenkrantz, L.**, Amram, O., Omulo, S., Call, D. (2020). Antibiotic use and hygiene interact to influence the distribution of antimicrobial-resistant bacteria in low-income communities in Guatemala. *Scientific Reports*, 10(1), 1-10.
- [6] **Rosenkrantz, L.**, Schuurman, N., Bell, N., Amram, O. (2020). The need for GIScience in mapping COVID-19. *Health & Place*, 102389.
- [5] Redding, L.E., Brooks, C., Georgakakos, C.B., Habing, G., **Rosenkrantz, L.**, Dahlstrom, M., Plummer, P.J. (2020). Addressing individual values to impact prudent antimicrobial prescribing in animal agriculture. *Frontiers in Veterinary Science*.
- [4] **Rosenkrantz, L.**, Schuurman, N., Arenas, C., Nicol, A., Hameed, M.S. (2020). Maximizing the potential of trauma registries in low- and middle-income countries. *Trauma Surgery and Acute Care Open*.

[3] Wister, A., **Rosenkrantz, L.**, Shashank, A., Walker, B.B., Schuurman, N., Fyffe, I. (2020). Urban Mapping of Multimorbidity and Socio-economic Deprivation Among Older Adults Using the Canadian Longitudinal Study on Aging. *Journal of Aging and Environment*, 1-20.

[2] **Rosenkrantz, L.**, Schuurman, N., & Hameed, M. (2019). Trauma registry implementation and operation in low- and middle-income countries: A scoping review. *Global public health*, 14(12), 1884-1897.

[1] **Rosenkrantz, L.**, Amram, O., Caudell, M. A., Schuurman, N., & Call, D. R. (2019). Spatial relationships between small-holder farms coupled with livestock management practices are correlated with the distribution of antibiotic resistant bacteria in northern Tanzania. *One Health*, 8, 10009

Book Chapters:

Rosenkrantz, L., Schuurman, N. (2021). 'Examining geographical visualizations of COVID-19', in Andrews, G.A., Crooks, V., Pearce, J., and Messina, J. (ed.) *COVID-19 and similar futures- Pandemic Geographies*. Switzerland: Springer Nature. In Press.

Rosenkrantz, L., Schuurman, N. (2021). 'Mapping Pandemics', in Kent, A.J., Specht, D. (ed.) *Routledge Handbook of Geospatial Technologies and Society*. Routledge, Taylor and Francis Group. In Press.

Tuyisenge, G., **Rosenkrantz, L.**, Schuurman, N., Randall, E., Hameed, M.S. 'Geo-enabled trauma registries: The case of Cape Town, South Africa', in Makanga, T.P. (ed.) *Practicing Health Geography: The African Context*. Springer International Publishing, 2021.

Podcasts:

Rosenkrantz, L., Contributor. 'There's safety in numbers: making the case for trauma registries in global health.' The Global Development Primer. 2021 Feb 9. <https://anchor.fm/robert-huish/episodes/Theres-Safety-in-Numbers-Making-the-Case-for-Trauma-Registries-in-Global-Health-eq6agr>

A W A R D S A N D H O N O U R S

2020 Canadian Institute for Health Research Doctoral Award (\$105,000)

2019 Mitacs Accelerate Grant (\$15,000)

2019 ESRI award for Best Student Presentation at the annual meeting of the Canadian Association of Geographers

2019 Best Student Presentation at the conference for Spatial Knowledge and Information (\$300)

2017 Simon Fraser University Graduate Dean's Entrance Scholarship (\$84,000)

2017 Canadian Queen Elizabeth II Diamond Jubilee Scholarship (\$6000)

2012 Western Scholarship of Excellence (\$2000)

INVITED TALKS

2020 Panel on Geography in the Time of COVID-19. Department of Geography, The University of British Columbia, October 27, 2020.

2019 Trauma registry implementation and operation in the global south. Trauma Services, Division of General Surgery, Vancouver General Hospital, March 5, 2019.

CONFERENCE ACTIVITY

2019 **Rosenkrantz, L.**, Amram, O., Caudell, M., Schuurman, N., Call, D. Exploring the spatial distribution of antibiotic resistant bacteria on small-holder farms in northern Tanzania. Paper presented at the annual meeting of the Canadian Association of Geographers: May 27-31, 2019, Winnipeg, Manitoba.

2019 **Rosenkrantz L.**, Schuurman, N., and Hameed M. (2019, February). *Trauma registries in the global south: a geographical inventory*. Paper presented at the annual Spatial Knowledge and Information (SKI) conference: February 21-23, 2019, Banff, Alberta.

2018 **Rosenkrantz L.**, Schuurman, N., and Hameed M. (2018, November). *Trauma registries in the global south: location and implementation*. Poster session presented at the 24th Canadian Conference on Global Health: November 21-23, 2018, Toronto, ON

2018 **Rosenkrantz L.**, Schuurman, N., and Hameed M. (2018, August). *Trauma registry implementation and injury severity scoring in low- and middle- income countries: a geographical inventory*. Paper presented at the annual meeting of the Canadian Association of Geographers: August 6-10, 2018, Quebec City, QB.

TEACHING EXPERIENCE

Teaching Assistant work:

Health Geography (Summer 2019), Simon Fraser University

Introduction to Geographic Information Systems (Fall 2018), Simon Fraser University

Nature and Society (Spring 2018), Simon Fraser University

RESEARCH EXPERIENCE

2020 Research Assistant, Department of Geography, Simon Fraser University
Project: Developing a COVID-19 vulnerability index for British Columbia

- 2020 Research Assistant, Department of Geography, Simon Fraser University
Project: An international survey examining “runnability”
- 2019 Research Assistant, Department of Geography and Gerontology, Simon Fraser University
Project: An exploration of the spatial and environmental correlates of multi-morbidity in Canada
- 2018 Research Assistant, Department of Geography, Simon Fraser University, and Department of Surgery, University of British Columbia
Project: A spatial analysis of emergency versus elective hernia surgeries in British Columbia

NON - ACADEMIC WORK

- 2017 Project Manager, New Nature Foundation, Uganda
Project: Geographical survey and analysis of households with eco-friendly cooking stoves

SERVICE TO PROFESSION

- Manuscript review (1), BMJ Open, 2020
- Manuscript review (1), Journal of Health and Place, 2020
- Manuscript review (2), The Canadian Geographer, 2020

DEPARTMENTAL SERVICE

- 2020 Communication and Events Committee, Department of Geography, Simon Fraser University
- 2020 Interim Graduate Studies Committee Representative, Department of Geography, Simon Fraser University
- 2020 Strategic Planning Committee Representative, Department of Geography, Simon Fraser University
- 2019 Vice President, Geography Graduate Association, Simon Fraser University
- 2018 Social Events Chair, Geography Graduate Association, Simon Fraser University

COMMUNITY INVOLVEMENT

- 2020 Education and Research Lead, Partners in Health Canada Spark, Canada

PROFESSIONAL MEMBERSHIPS

2017- Present Canadian Association of Geographers

2019- Present American Association of Geographers