

Sarah A. Mason-Renton

Curriculum Vitae

EDUCATION

- 2017 **Doctor of Philosophy**, Geography (Environment and Sustainability)
Department of Geography and Centre for Environment and Sustainability (CES),
Western University, London, ON, Canada
Advisor: Dr. Isaac Luginaah
- 2013 **Master of Science**, Geography
- MSc degree accelerated into PhD program
- 2012 **Bachelor of Science**, Honors Specialization in Cell and Developmental Biology
Department of Biology, University of Western Ontario

PROFESSIONAL APPOINTMENTS

- 2017 **SSHRC Postdoctoral Fellow**
Institute for Resources, Environment and Sustainability,
University of British Columbia, Vancouver, BC, Canada
Advisor: Dr. Gunilla Oberg

RESEARCH CONTRIBUTIONS

Refereed Journal Articles

6. Stieb, D. M., Shutt, R., Kauri, L., **Mason, S.**, Chen, L. Szyszkowicz, M. ... Luginaah, I. (2017). Cardiorespiratory effects of air pollution in a panel study of outdoor physical activity and health in rural older adults. *Journal of Occupational and Environmental Medicine*, 59(4), 365-364. doi: 10.1097/JOM.0000000000000954
5. **Mason-Renton, S. A.**, Luginaah, I. and Baxter, J. (2016). Community Divide as more Detrimental than the Plant Itself: Confrontational Stigma and Community Responses to Rural Facility Siting. *Journal of Rural and Community Development*, 11(2), 22-44.
4. **Mason-Renton, S. A.**, Luginaah, I. and (2016). Interfering with therapeutic tranquility: Debates surrounding biosolid waste processing in rural Ontario. *Health and Place*, 41, 42-49.
3. Mambulu, F., Mkandawire, P., Dixon, J., **Mason, S. A.**, Rishworth, A., and Luginaah, I. (2015). Silence of the leaders: Alcohol policy making in Malawi. *African Geographical Review*. 34(3), 232-249.
2. **Mason, S. A.**, Dixon, J., Mambulu, F., Rishworth, A., Mkandawire, P. and Luginaah, I. (2015). Management challenges of urban biosolids: Narratives around facility siting in rural Ontario. *Environmental Planning and Management*, 58(8), 1363-1383.
1. Walker, C., Baxter, J., **Mason, S. A.**, Luginaah, I. and Ouellete, D. (2014). Wind energy development and perceived real estate values in Ontario, Canada. *AIMS Energy*, 2(4), 424-442.

Refereed Book Chapters

- Mason, S. A.**, Walker, C., Baxter, J. and Luginaah, I. (2016). Ethics and Activism in Environment and Health Research. In N. E. Fenton and J. Baxter (Eds), *Practicing Qualitative Methods in Health Geographies*, Routledge. Pp. 54-72.

Refereed Conference Proceedings

- Mason-Renton, S. A.** (2017, April). Are checking the boxes and meeting the requirements enough?: Community lessons learned from the siting of a regional biosolid processing facility in a rural Ontario community. Water Environment Association of Ontario Technical Symposium AND OPCEA Exhibition. National Conference. Ottawa, Ontario, April 2 - 4, 2017.
- Mason, S. A.** (2015, June). Urban Biosolids in the Rural Landscape: A Waste or a Resource?. In Water Environment Federation (Eds.), WEF/IWA Residuals and Biosolids Conference 2015 The Next Generation of Science, Technology, and Management Conference Proceedings. Washington, DC, United States of America, June 10, 2015 (018_A). Virginia: Water Environment Federation.

Dissertations

- Mason-Renton, S. A.,** (2017). Confrontational Stigma and Contested 'Green' Developments: Biosolid Facility Siting in the Rural Landscape. *Electronic Thesis and Dissertation Repository*. 4561. <http://ir.lib.uwo.ca/etd/4561> (Doctoral Dissertation)

Journal Articles – Revised Manuscript Under Review

- Mason-Renton, S. A.,** and Luginaah, I. (2017) Lasting impacts and perceived inequities: Community reappraisal of the siting of a regional biosolid processing facility in rural Ontario. *Journal of Risk Research*.
- Mason-Renton, S. A.,** and Luginaah, I. (2017) Conceptualizing waste as a Resource: Urban biosolid processing in the rural landscape. *The Canadian Geographer*

Journal Articles – Under Review

- Walker, C., **Mason-Renton, S. A.** and Bednar, D. (2017). "Get it in your own city! Get it in your backyard!": Urban bias, rural inequalities and conflict in rural Ontario. *Journal of Rural and Community Development*
- Kansanga, M., Antabe, R. **Mason-Renton, S.,** Atuoye, K. and Luginaah, I. (2017). "It's a woman's work after all": agricultural modernization and increasing gendered burdens in smallholder farming in Ghana. *Agriculture and Food Security*.
- Kansanga, M., **Mason-Renton, S.,** Sano, Y, Braimah, J. A., Antabe, R. (2017). Increasing farm sizes, disappearing staple crops: the paradox of smallholder agriculture mechanization in the northern savannah of Ghana. *Journal of Development Studies*.
- Warring, C., **Mason-Renton, S.,** Braimah, J., Luginaah, I. and Baxter, J. (2017). Paralysis by analysis or precautionary paralysis: policy and environmental discourses in the management of residential organic waste. *Journal of Environmental Planning and Management*.
- Mkandawire, P., Kangmennaang, J., Walker, C., Antabe, R., **Mason, S.,** Atuoye, K., and Luginaah, I. (2016). Pregnancy intention and gestational age at first antenatal care visit in Lesotho. *Maternal and Child Health Journal*.

Technical Reports

- Mason-Renton, S.,** Fraser, L. (2017). Biosolids: Community Engagement and Risk Perceptions in the Thompson-Nicola Valley, Qualitative Research Summary Report. Report submitted to Metro Vancouver.
- Luginaah, I., **Mason, S. A.,** McIntosh, L. (2015). Outdoor and Indoor Physical Activity and Health Study – 2015 Technical Report. Report Submitted to Health Canada.
- Luginaah, I., **Mason, S. A.,** Mason, J. (2014). Outdoor Physical Activity and Health Study – 2014 Technical Report. Report Submitted to Health Canada.
- Luginaah, I., Buzelli, M. and **Mason, S. A.** (2013). Outdoor Physical Activity and Health Study – 2013 Technical Report. Report Submitted to Health Canada.

Media Articles

Mason-Renton, S. (2017). 2017 WEAO Conference residual and biosolid session summary. *Influents*. Water Environment Association of Ontario.

RESEARCH FUNDING RECEIVED

<i>Awarded</i>	<i>Role</i>	<i>Granting Agency</i>	<i>Grant Title</i>	<i>Total</i>
2016	Co-PI	Western CES Seed Grant	Uptake of Benzalkonium Chlorides by Plants Grown using Wastewater Sludge	\$5000
2015	Collaborator	Greater Vancouver Sewerage and Drainage District	Land Application of Biosolids: Public Attitudes and Risk Perceptions of Biosolid Resource Recovery	\$51 243
2014	PI	Research Western	Emerging views of rural landscapes in Ontario: A Case Study of the Siting of a Regional Biosolid Processing Facility in Southgate Township	\$10 000

SCHOLARSHIPS AND AWARDS

Scholarships

2017-2019	Postdoctoral Fellowship , Social Sciences and Humanities Research Council
2016	Western Doctoral Excellence Research Award , School of Graduate and Postdoctoral Studies, Western University
2014 – 2017	Vanier Canadian Graduate Scholarship , Social Science and Humanities Research Council
2014 – 2017	Joseph-Armand Bombardier Canada Graduate Scholarship, Doctoral , Social Science and Humanities Research Council
2014	Ontario Graduate Scholarship , Ontario Ministry of Training Colleges and Universities
2013	Joseph-Armand Bombardier Canada Graduate Scholarship, Masters Social Science and Humanities Research Council
2013	Ontario Graduate Scholarship , Ontario Ministry of Training Colleges and Universities
2013 – 2017	Western Graduate Research Scholarship , School of Graduate and Postdoctoral Studies, Western University
2012	Western Graduate Research Scholarship , School of Graduate and Postdoctoral Studies, Western University

Awards

2016	Environment and Sustainability Graduate Student Award (In-Stream PhD), Centre for Environment and Sustainability, Western University
2015	Best Doctoral Student Paper Award - <i>The political ecology of waste as a resource: urban biosolid processing in the rural landscape</i> , Canadian Association of Geographers Ontario Division Annual Meeting
2015	Best Student Paper Award - <i>The Plant is up and Running and the Wounds are Yet to Heal: Biosolids Facility Siting</i> , Community Conflict and Emotional Geographies in Rural Ontario, Rural Geography Specialty Group, American Association of Geographers
2015	Environment and Sustainability Graduate Student Award (In-Stream PhD), Centre for Environment and Sustainability, Western University
2014	Environment and Sustainability Graduate Student Award (PhD Entrance), Centre for

- Environment and Sustainability, Western University
- 2014 **Canadian Association of Geographers Award for Department Involvement**
- Awards Cont.**
- 2013 **Ontario Five-Year Volunteer Service Award**, Ontario Ministry of Citizenship, Immigration and International Trade
- 2009 – 2012 **Canadian Interuniversity Sport Academic All-Canadian**
- 2009 – 2012 **Dean's Honours List**, Faculty of Science, Western University

CONFERENCE ACTIVITIES

Conference Session Organizer/Co-Organizer

- New Voices in Rural Geography I & II: American Association of Geographers Annual Meeting, Boston, MA, April 5 - 9, 2017.
- Rural Change and Residents' Sense of Place and Experiences in their Locale I & II: American Association of Geographers Annual Meeting, San Francisco, CA, March 29 – April 2, 2016.
- New Voices in Rural Geography I, II & III: American Association of Geographers Annual Meeting, San Francisco, CA, March 29 – April 2, 2016.

Papers Presented

- Mason-Renton, S. A.** and Luginaah, I. (2017). Lasting impacts and perceived inequities: Community reappraisal of the siting of a regional biosolid processing facility in rural Ontario. International Medical Geography Symposium. International Conference. Angers, France, July 2-7, 2017.
- Mason-Renton, S. A.** and Luginaah, I. (2017). Conceptualizing waste as a resource: Urban biosolid processing in the rural landscape. Canadian Association of Geographers Annual Meeting. International Conference. Toronto, Ontario, May 29 – Jun 2, 2017.
- Mason-Renton, S. A.** and Luginaah, I. (2017). Lasting impacts and perceived inequities: Community reappraisal of urban biosolid processing in the rural landscape. American Association of Geographers Annual Meeting. International Conference. Boston, Massachusetts, April 5 - 9, 2017.
- Mason-Renton, S. A.** (2017). Are checking the boxes and meeting the requirements enough?: Community lessons learned from the siting of a regional biosolid processing facility in a rural Ontario community. Water Environment Association of Ontario Technical Symposium and OPCEA Exhibition. National Conference. Ottawa, Ontario, April 2 - 4, 2017.
- Mason-Renton, S. A.** and Luginaah, I. (2016). Rural Community Conflict and Biosolid Facility Siting: Where are we now? Canadian Association of Geographers Ontario Division Annual Meeting. Waterloo, Ontario, October 28-29, 2016.
- Dobbin, N., Stieb, D. M., Shutt, R., Kauri, L., **Mason, S.**, Chen, L. ... Luginaah, I. (2016). Cardiorespiratory Risks and Benefits of Outdoor Physical Activity in Older Adults. International Society for Environmental Epidemiology 2016 Annual Conference. International Conference. Rome, Italy, September 1 – 4.
- Mason, S. A.** (2016). Biosolids processing and land application: public responses and enduring uncertainties. Canadian Biosolids and Residuals Conference. National Conference. Edmonton, Alberta, May 17 – 19.
- Mason, S. A.** (2016). Biosolids processing and land application: public responses and enduring uncertainties. Water Environment Association of Ontario Annual Meeting and Technical Symposium. National Conference. Niagara Falls, Ontario, April 10 – 12. (invited oral presentation).
- Mason, S. A.** and Luginaah, I. (2016). Biosolid facility siting and rural community development: where are we now? American Association of Geographers Annual Meeting. International Conference. San Francisco, California, March 29 – April 2, 2016.
- Mason, S. A.** and Luginaah, I. (2015). The political ecology of waste as a resource: urban biosolid processing in the rural landscape. Canadian Association of Geographers Ontario Division Annual Meeting. Ottawa, Ontario, October 23-24, 2015.

Mason, S. A. and Luginaah, I. (2015). Stewards of the land and custodians for future generations: debates surrounding biosolid waste processing in rural Ontario. International Medical Geography Symposium. International Conference. Vancouver, British Columbia, July 6 – 10. 2015.

Papers Presented Cont.

Mason, S. A. (2015). Urban biosolids in the rural landscape: A waste or a resource? WEF/IWA Residuals and Biosolids Conference 2015. International Conference. Washington, District of Columbia, June 7 – 10, 2015.

Mason, S. A. and Luginaah, I. (2015). The Plant is up and Running and the Wounds are Yet to Heal: Biosolids Facility Siting, Community Conflict and Emotional Geographies in Rural Ontario. American Association of Geographers Annual Meeting. International Conference. Chicago, Illinois, April 21 – 25, 2015.

Mason, S. A., Bednar, D. and Pipher, D. (2015). Proceedings from the environment and sustainability multidisciplinary panel series. 12th Annual Earth Day Colloquium. Institutional Conference. London, Ontario. April 9, 2015.

Mason, S. A. and Luginaah, I. (2014). Biosolid facility siting and rural residents' changing sense of place and emotional geographies. CAGOnt 2014 Annual Meeting. Regional Conference. Toronto, Ontario, October 24 – 25, 2014.

Walker, C., Baxter, J., **Mason, S.,** Luginaah, I. and Ouellete, D. (2014). Wind energy development and perceived real estate values in Ontario, Canada. CAGOnt 2014 Annual Meeting. Regional Conference. Toronto, Ontario, October 24 – 25, 2014.

Mason, S. A. and Luginaah, I. (2014). Noxious facility siting and rural residents changing sense of place. Qualitative Analysis Conference. International Conference. London, Ontario, June 24 – 27, 2014.

Mason, S. A. and Luginaah, I. (2014). Urban biosolids as a waste or a resource in the rural landscape: A point of tension and heightened community conflict. Canadian Association of Geographers Annual Meeting. International Conference. St. Catherines, Ontario, May 26 – May 30, 2014.

Walker, C., **Mason, S. A.,** Bednar, D. (2014). Idyllic landscapes and invisible conflict in rural Ontario and Manitoba. Canadian Association of Geographers Annual Meeting. International Conference. St. Catherines, Ontario, May 26 – May 30, 2014.

Cadioux, K. V., Mckinnon, I., Hiner, C., **Mason, S. A.,** Mitchell, C., Gustafson, S., Morse, C. and McCandless, S. (2014). Studying Exurbia: Roundtable workshop on methods for evaluating materiality and meaning across case studies. American Association of Geographers Annual Meeting. International Conference. Tampa Bay, Florida, April 8 – 12, 2014. (round table panel session).

Mason, S. A. and Luginaah, I. (2014). Urban biosolids in the rural landscape: a waste or a resource? American Association of Geographers Annual Meeting. International Conference. Tampa Bay, Florida, April 8 – 12, 2014.

Mason, S. A., Dixon, J., Mambulu, F., Rishworth, A., Mkandawire, P. and Luginaah, I. (2013). Management challenges of urban biosolids: Narratives around facility siting in rural Ontario. 2013 Joint Annual Meeting ELDAAG/CAGONT. Regional Conference. Toledo, Ohio, October 25 – 26, 2013.

Mason, S. A., Dixon, J., Mambulu, F., Rishworth, A., Mkandawire, P., and Luginaah, I. (2013). Science-policy boundaries in the siting of biosolid facilities: A case study from Southgate Township, Ontario. International Symposium in Medical/Health Geography. International Conference. Lansing, Michigan, July 8 – 12, 2013.

Mason, S. A. and Luginaah, I. (2013). Risk Perception associated with the siting process of a biosolid treatment facility and subsequent agricultural application in the Township of Southgate, Ontario. American Association of Geographers Annual Meeting. International Conference. Los Angeles, California, April 9 – 13, 2013.

Mason, S. A. and Kelly, G. (2012). Differential Gene Expression of *Sip1* and *Mitf* during extraembryonic endoderm differentiation. Western Biology Research Day. Institutional Conference. London, ON. April 2012.

Posters Presented

Luginaah, I., Armah, F., **Mason, S. A.**, Vercillo, S. and Walker, C. (2015). Environmental burdens on community and population health. Research Chairs Symposium. Provincial Conference. Toronto Ontario, April 1 – 2, 2015.

TEACHING EXPERIENCE

Lecturer (2016 – present)

Department of Geography, Western University, London, Ontario

- GEO 3431b: Geography of Health and Healthcare (Winter 2017)
- GEO 2152F: Geography of Hazards (Intersession 2016)

Undergraduate Thesis Advisor (2015 – 2016)

Department of Geography, Western University, London, Ontario

Advisor for fourth year undergraduate theses: Assessing the determinants of women's access to and utilization of health care in the context of the pre-Ebola outbreak in Liberia (won best undergraduate thesis award)

Teaching Assistant (2012 – 2016)

Department of Geography, Western University, London, Ontario

- Geography of Health and Healthcare (Winter 2016, Winter 2015)
- Environment, Economy and Society (Fall 2015)
- Public Health and the Environment (Fall 2014)
- Geography of Canada (Winter 2014, Fall 2012)
- Geography of Hazards (Winter 2013, Fall 2013)

RESEARCH EXPERIENCE

Research Associate (2015 – present)

Department of Biology, Thompson Rivers University

Land Application of Biosolids: Public Attitudes and Risk Perception

Site Research Coordinator (2013 – 2015)

Department of Geography in partnership with Health Canada Population Health Studies Division

2015 Outdoor and Indoor Physical Activity and Health Study, London, Ontario, \$250,000 budget, Supervised 11 research assistants and 80 adult participants

2013 and 2014 Outdoor Physical Activity and Health Study, Kincardine, Ontario, \$250,000 budget per annum, Supervised five research assistants and 35-43 participants per year.

Lead Research Intern (2012)

Department of Geography, Western University, London, Ontario

SERVICE TO PROFESSIONAL AND VOLUNTEER ACTIVITIES

Peer Review

- Social Science and Medicine
- Environmental Management

External Service

- Academic Representative, Residuals and Biosolids Committee, Water Environment Association of Ontario (2016 – present)
- Vice-President, Canadian Association of Geographers Ontario Division (2015 – 2017)
- Student Representative, Rural Geography Specialty Group, American Association of Geographers (2015 – 2017)

- Student Representative, Executive Committee, Canadian Association of Geographers Ontario Division (2014 – 2015)
- Conference Volunteer, American Association of Geographers Annual Meeting, Tampa Bay (2014)

External Service Cont.

- Conference Volunteer, American Society for Environmental History Annual Meeting, San Francisco (2014)
- Conference Volunteer, American Association of Geographers Annual Meeting, Los Angeles (2013)
- Southgate Organic Materials Recovery Centre Public Advisory Committee member and secretary. (2012 – 2014)

University Service

- Social Science Decanal Selection Committee, Faculty of Social Science Graduate Student Representative, Western University (2014 – 2015)
- “Consult the Expert Series” Volunteer (Scholarship application assistance and mentor program), School of Graduate and Postdoctoral Studies, Western University (2014)

Department Service

- Western Geography Graduate Society Graduate Affairs Committee Student Representative and Treasurer. (2015 – 2017)
- EnviroCon Website Commissioner, Centre for Environment and Sustainability (2015 – 2016)
- Department of Geography Ad-Hoc Committee for Potential Department Name Change (Graduate Student Representative) (2014 – present)
- Western Geography Graduate Society Secretary, Treasurer and Space Committee Member as well as Clothing Commissioner. (2014 – 2015)
- 12th Annual Earth Day Colloquium Website Commissioner, Centre for Environment and Sustainability (2014 – 2015)
- Organizational Committee Chair, Challenges in Sustainability Panel Luncheon Series, “Is a Zero Waste London Possible” Panel, Centre for Environment and Sustainability, Western University (2014)
- Western Geography Graduate Society Co-President (2013 – 2014)
- 11th Annual Earth Day Colloquium Organizational Committee Member (2013 – 2014)
- Western Geography Graduate Society Orientation Committee Member (2013)

PROFESSIONAL DEVELOPMENT

- Reconciliation through Indigenous Education, Faculty of Education, University of British Columbia edX, (2017)
- University Certificate in Teaching and Learning, Western Teaching Support Centre (2015)
- Teaching Mentor Program, Teaching Support Centre, Western University (2014)
- Teaching Assistant Training Program, Teaching Support Centre, Western University (2013)

MEDIA INTERVIEWS

- CBC Radio Kamloops - Land Application of Biosolids: Public Attitudes and Risk Perceptions of Biosolid Resource Recovery in the Thompson Nicola Valley. (2017, October 25)
- Kincardine Independent – Outdoor Physical Activity and Health Study (2013)

PROFESSIONAL MEMBERSHIPS

- Canadian Association of Geographers
- American Association of Geographers
- Water Environment Federation

- Water Environment Association of Ontario