

CALLUM C. J. SUTHERLAND, MA, BComm

PhD Candidate, Science and Technology Studies, York University
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EDUCATION

- 2013 - **PhD Candidate**, Science and Technology Studies, York University
Awards and honours:
- Winter 2017: Fieldwork Cost Fund Competition (\$2,500)
 - 2016 – 2017: Ontario Graduate Scholarship (\$15,000)
 - 2015 – 2016: Ontario Graduate Scholarship (\$15,000)
 - 2014 – 2015: Ontario Graduate Scholarship (\$15,000)
 - 2013 – 2014: Enbridge Graduate Student Award (\$12,500)
- Comprehensive fields (defended July 2016):
- Pedagogy and the practice of science, with Dr. Steve Alsop
 - Biosciences and biotechnologies, with Dr. Alexandra Rutherford
 - Public science, with Dr. Mike Pettit
- Dissertation (in progress): “Sockeye at the boundary: Aboriginal knowledge, the Great Divide, and the Calgary School.” Supervised by:
- Dr. Steve Alsop (Education, York University)
 - Dr. Denielle Elliott (Anthropology, York University)
 - Dr. Jennifer Hubbard (History, Ryerson University)
- 2012 - 2013 **Master of Arts**, Science and Technology Studies, York University
Awards and honours:
- 2012 – 2013: Graduate Entrance Scholarship (\$4,000)
- Major research project (completed August 2013): “The Fraser River: Where Epistemologies Collide.” Supervised by Dr. Rich Jarrell
- 2010 - 2012 **Bachelor of Commerce**, Business Management with Honours, Ryerson University
- 2007 - 2010 **Advanced Diploma**, Business Administration with Honours, Humber College

CONFERENCE PRESENTATIONS AND PUBLICATIONS

- “The 1913 Crisis at Hell’s Gate: Contextualizing the Decline of Sockeye Salmon.” Presented at the annual meeting of the Canadian Society for the History and Philosophy of Science. Ryerson University, May 2017.
- “A Tale of Two Labs.” Presented at the 14th Annual Graduate Conference in Education. York University, November 2015.
- “The Cohen Report and the Black Hole of Indifference.” In *The Politics of Evidence: Canada Watch* Special Issue, Fall 2015.
- “Dashed Hopes: The Fraser River Fisheries Collapse of 2009.” Presented at the annual meeting of the Canadian Society for the History and Philosophy of Science. University of Ottawa, May 2015.
- “The Fraser River: Where Epistemologies Collide.” Presented at the annual meeting of the Canadian Society for the History and Philosophy of Science. Brock University, May 2014.

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TEACHING, RESEARCH, AND PROFESSIONAL EXPERIENCE

- 2017 - 2018 **Teaching Assistant**, Department of Social Science, York University
Tutorial leader, SOSC 1801, Health Controversies
- Summer 2017 **Teaching Assistant**, Division of Natural Science, York University
Grader, NATS 1775, Technology and Civilization
- 2016 - 2017 **Teaching Assistant**, Department of Social Science, York University
Tutorial leader, SOSC 1801, Health Controversies
- 2015 - 2016 **Teaching Assistant**, Division of Natural Science, York University
Tutorial leader, NATS 1760, Science, Technology, and Society
- Fall 2015 **Teaching Assistant**, Division of Natural Science, York University
Grader, STS 2411, Introduction to Science and Technology Studies
- Winter 2015 **Teaching Assistant**, Division of Natural Science, York University
Tutorial leader, NATS 1760, Science, Technology, and Society
- Fall 2014 **Research Assistant**, York University
Researching the Canadian bio-economy for Dr. Kean Birch
- 2012 - 2014 **Editorial Assistant**, York University
Book review assistant, *Isis*, Journal of the History of Science Society
- 2012 - 2013 **Teaching Assistant**, Division of Natural Science, York University
Grader, NATS 1745, History of Astronomy
- 2010 - 2012 **Administrative Support**, Ryerson University
- 2009 - 2010 **Office Assistant**, Humber College
- 2006 - 2009 **Assistant Manager**, Cineplex Entertainment

PUBLIC SERVICE AND EXTRACURRICULAR ACTIVITIES

- 2015 - **Member, Politics of Evidence Working Group, York University**
The Politics of Evidence Working Group is a coalition of Canadian academics, scientists, and activists intent on raising awareness about the obstacles which interfere with our “right to know” about the health and wellbeing of our bodies, communities, and environments.
- 2014 - **Junior Fellow, Bethune College, York University**
As a Junior Fellow, I am responsible for mentoring upper-year undergraduate students on matters relating to their academic success, postgraduate aspirations, career possibilities, and potential for continued education at the graduate level.
- 2010 - 2014 **Creator, Milky Way Musings**
Milky Way Musings (“MWM”) was a fair-use multimedia platform created to stimulate public interest in science and technology. Prior to being forced into hiatus for legal reasons, the MWM YouTube channel garnered more than three million views, and had 15,000+ subscribers.

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RESEARCH INTERESTS

Public science, science policy, boundary work, science and democracy
Postcolonial technoscience, local knowledge, science and gender, embodiment
Political economy, neoliberal-technoscientific entanglements, governmentality
Pedagogy and the practice of science, critical pedagogy, co-intentional education
Biosciences/biotechnologies and their attendant 'bio-concepts' (e.g., biopolitics)

PROFESSIONAL AFFILIATIONS

Canadian Society for the History and Philosophy of Science (CSHPS)
Society for the Social Studies of Science (4S)