

CV – Dr. Melanie Zurba

SUMMARY

Research areas: environmental governance and policy, natural resources and environmental management, reconciliation, collaboration, learning, youth and intergenerationality, community engagement, Indigenous studies, equity and justice, creative knowledge mobilization, environmental humanities and research creation, qualitative/arts-based participatory methods

Teaching: Indigenous perspectives, community-engaged research and practice, environmental governance, natural resources management, human and cultural geography, qualitative methods, land-based learning and education, honours in sustainability, graduate seminar

Knowledge translation approaches: academic publishing; museum, gallery, and other public exhibitions; digital storytelling; knowledge sharing events; magazines and other popular publications

MY RESEARCH LAB AT DALHOUSIE UNIVERSITY

Community-Engaged CoLab - <http://www.communityengagedcolab.ca/>

The CoLab strives to co-develop meaningful research approaches and products with community partners and ground research in principles for ethical engagement.

CURRENT POSITIONS HELD

Associate Professor (2018 - present; tenure and promotion achieved in 2022) School for Resource and Environmental Studies (SRES), Dalhousie University, Canada. Cross-appointment with the College of Sustainability.

Graduate Studies Coordinator (2021 - 2023) – SRES, Dalhousie University (*my Director relieved me of this service position because my research program expanded)

Adjunct Professor (2019 – present) – University of New Brunswick

Adjunct Professor (2022 – present) – Guelph University

International Union for the Conservation of Nature (IUCN) (2019 – present) – Chair of the Theme on Governance Equity and Rights (TGER) within the Commission on Environmental, Economic and Social Policy (CEEESP) Steering Committee

Honorary Member (2020 – present) – Indigenous and Community Conserved Areas (ICCA) Consortium

Associate Editor (2024 – present) – Environmental Science & Policy (Elsevier)

DISTINCTIONS & AWARDS (non-grant related)

2020 President's Research Excellence/Legacy Award – Emerging Investigator 2020

Award recognizes research achievements of Dalhousie University faculty members. The award for Emerging Investigators recognizes early-career researchers (within seven years of their first academic appointment). The award comes with \$2,000 of research funding.

https://www.youtube.com/watch?v=cl_SMIzlg2g

2019 Best Paper Award 2019 (<https://www.mdpi.com/journal/land/awards/933>)

Best paper in the journal *Land* (MDPI; IF: 2.429) in 2019: "Indigenous Protected and Conserved Areas (IPCAs), Aichi Target 11 and Canada's Pathway to Target 1: Focusing Conservation on Reconciliation". The winner is selected from the papers published in *Land* from 1 January to 31 December 2019 according to the following criteria: Originality and significance; and Citation and download rates until 30 June 2020 (data source: Web of Science (Clarivate Analytics))

2019 Faculty of Management Rising Research Star 2018/2019

Award to pre-tenured faculty with the most promising research achievements. Candidates are selected on the basis of nomination from the Dean, Associate Dean Research, School Research Lead or School Director. Decision of the award is made by committee. The award comes with \$1,000 of research funding.

EDUCATION

2023- Visual Arts Certificate in Studio: General Practice, NSCAD University Canada (ongoing)

2023 Anna Leonowens Gallery Certificate in Gallery and Studio Management, NSCAD University, Canada

2016 PhD, Clayton H. Riddell Faculty of Earth, Environment and Resources, University of Manitoba, Canada

Thesis: Learning and reconciliation for shared governance of forest land in northwestern Ontario (advisors: Professors A. John Sinclair and Alan Diduck)

2010 Master's, Clayton H. Riddell Faculty of Earth, Environment and Resources, University of Manitoba, Canada

Thesis: How well is co-management working? Partnerships, perspectives, and power sharing along the way to an Indigenous Protected Area in Australia (advisor: Distinguished Professor Fikret Berkes)

2009 Endeavour Research Fellowship, The University Queensland, Australia (supervisor: Professor Helen Ross)

2007 Bachelor of Science, Biology Honours, The University of Winnipeg, Canada

Thesis: The effectiveness of riparian buffer zones to protect Manitoba streams from agricultural impact (advisor: Dr. Cheryl Podemski, Department of Fisheries and Oceans)

2006 **Semester exchange at the National Marine Science Centre**, Marine Management
The University of New England, Australia
Specialized courses in coastal and marine planning and management

PREVIOUS EMPLOYMENT

Research

July 2017 – July 2018

Postdoctoral Fellow - Department of Environmental Studies and Sciences, The University of Winnipeg
Research, project management and student supervision for projects on Indigenous engagement and collaboration in the bioenergy industry in Canada. Postdoctoral supervisor: Dr. Ryan Bullock, Associate Professor and Canada Research Chair in Human-Environment Interactions.

January 2016 – June 2017

Research Associate - Rady Faculty of Health Sciences, University of Manitoba

Research position with Professor Roberta Woodgate, Canada Research Chair in Youth and Family Engagement in Health Research. Research topics included community engagement in research, research ethics, social determinants of health for children and youth, Indigenous health, health geography, participatory research methods, and knowledge translation and mobilization.

June 2008 - December 2009, and September 2014 - November 2015

Research & Development - Whelan Enns Associates / Manitoba Wildlands (affiliated non-profit NGOs)

Development of community engaged research protocols, research and reporting, Manitoba Clean Environment Commission hearing research and preparations, Aboriginal Section 35 consultation policy briefs and reports.

September 2014 - August 2015

Research Product Developer and Interviewer - Peguis First Nation

Development of community engaged research protocols for land use and occupancy map interviewing for the Peguis First Nation Land Use and Occupancy Mapping Project.

January 2009 - July 2014

Research Assistant & Conceptual Designer - Centre for Community-Based Resource Management (CBRM), University of Manitoba

Consultation, research and visual concept modeling with associated faculty and students of the CBRM.

April - May 2013

Exhibition Research - Canadian Museum for Human Rights

Content and artifact research for the permanent entrance hallway exhibit *What are human rights?*, which features a timeline of human rights events, articulations, and ideas.

Teaching

2018 – present

Environmental Studies and the College of Sustainability, Dalhousie University

Current:

- Environment, Sustainability and Society (ESS) Honours thesis (SUST 4901/4902)
- Indigenous perspectives on resource and environmental management (ENVI 5039 / SUST 3039)
- Community-engaged research and practice (ENVI 5052/ SUST 3957)
- SRES (Graduate) Seminar (ENVI 5059)

Previous:

- Socio-political dimensions of resource and environmental management (ENVI 5500)
- Local governance, citizen engagement and sustainability (SUST 2000)
- Environmental Decision-Making (SUST 3000)

September 2014 – December 2017

Sessional Undergraduate Instructor – Department of Geography, The University of Winnipeg
Delivery of Human Geography I & II (GEOG 1102 & GEOG 1103)

September - December 2013

Sessional Undergraduate Instructor – Department of Environment & Geography, University of Manitoba

Geography of Culture and Environment (GEOG 2630)

Teaching Assistant, Graduate-Level Courses - Natural Resources Institute

September - December 2015: Master's Thesis Research Seminar (NRI 7262)

January - March 2014: Qualitative Methods for Community-based Resource and Environmental Management (NRI 7360)

January - March 2011: Mineral Resource Management & Policy (NRI 7120)

Guest Lecturer, Graduate-Level Courses - Natural Resources Institute

March 2017: Qualitative Methods for Community-Based Research (NRI 7360)

February 2011: Sustainable Development (NRI 7180)

October 2010: Human Dimensions of NRM (NRI 7222)

Guest Lecturer, Undergraduate-Level Courses - Natural Resources Institute

November 2017: Environmental Sustainability: A Global Dilemma (ENV 2603)

November 2017: Human Geography II (GEOG 1103)

March 2012: Sustainable Development in Natural Resources Management (NRI 7180)

October 2011: Human Dimensions of Natural Resources and Environmental Management (NRI 7222)

RESEARCH GRANTS & FELLOWSHIPS

2024 Research Nova Scotia Ukrainian Emergency Research Support Program Award

\$33,831 for 18 months to support Ukrainian Research Assistant Kateryna Rudenko's work with my Community-Engaged CoLab, including her thesis research.

2024 Dalhousie Mawkwil~mn~j - Let's Look for it Together

\$3,000 for the project: *Land-based programming for urban youth centering Indigenous food sovereignty, language, health promotion, and connection to culture*. Role: PI

2023 Dalhousie Global Research Seed Fund

\$5,000 for the project: *Developing research in support of equitable guidelines for environmental governance through the Learning for Governance initiative*. Role: PI

2023 Dalhousie Anne Marie Ryan Teaching & Learning Enhancement Grant

\$3,000 for the project: *Eco-Hope: Developing Strategies to Counter Eco-Anxiety and Build Resilience in Students*; Role: Co-Applicant

2023 New Frontiers in Research Fund – Transformation

Co-Applicant for the six-year \$24,000,000 project *CANSTOREnergy: Seasonal storage of renewable energy*. The project aims to support innovation and community (Yukon and southern Ontario, including First Nation communities) aspirations for storing the excess summer-generated renewable energy for use in winter.

2022 Research Nova Scotia Ukrainian Emergency Research Support Program Award

\$22,053 for 48 weeks to support Ukrainian Research Assistant Kateryna Rudenko's work with my Community-Engaged CoLab.

2022 SSHRC Race, Gender and Diversity Initiative

Principal Investigator for the project: *Jiksitatulti'kw: "listening to each other"*; Co-PI: Lisa Young (Unama'ki Institute for Natural Resources [UINR]); Co-applicants: Shelley Denny and Patricia Nash (UINR); Collaborator: Karen Beazley (Dalhousie)

\$450,000 for a 3-year project that aims to: (1) Enhance understandings about what "research" is from a Mi'kmaw perspective, as well as what qualifies as "evidence" for decision-making emerging from research; (2) Explore learning processes and outcomes relating to the experiences of those involved (Indigenous and non-Indigenous partners) in natural resource research projects where UINR is active in directing research priorities and approaches; (3) Expand the potential for Indigenous knowledge and language to transform and (re)Indigenize natural resource governance and research practice; (4) Create insights around intergenerational connections and gaps existing within current natural resource and research initiatives; and (5) Mobilize knowledge generated through our project to Indigenous communities and organizations, researchers, and governance and research partners.

2022 SSHRC Connection Grant

Principal Investigator for the project: *Community wellbeing and the environment: engaged research and practice*; Co-applicant: David Busolo (University of New Brunswick)

\$23,700 for a 1-year project (ranked in the 1st percentile of the competition) will bring together academics and community members from across the country to share knowledge and enhance interdisciplinary understandings about the connection between wellbeing and the natural environment through a 2-day workshop that will lead to the creation of a heuristic or framework and submission of a proposal for an edited volume of the same title as the project.

2021 Canadian Foundation for Innovation (CFI) John R. Evans Leaders Fund (JELF) and Research Nova Scotia Matching Funding

Co-applicant for CFI JELF (\$56,333) and Research Nova Scotia (\$56,333) to support the development of the Wit-Lukutimk Wskitqamu shared lab space with Dr. Sherry Pictou (PI) in the Rowe Building at Dalhousie University.

2021 SSHRC Explore Grant

Principal Investigator for project: *Impacts of COVID-19 on Indigenous wellbeing and environmental governance*; Co-applicant: Sherry Pictou

\$4,992 for a 1-year project employ a systematic review of peer-reviewed literature and media on the impacts of COVID-19 on Indigenous wellbeing and environmental governance.

2021 Scholarship of Learning and Teaching Grant – Dalhousie

Co-applicant for project: *Culturally Responsible Teaching – faculty members’ critical reflections*; PI: Scott Comber

\$1,850 for a 1-year project on culturally responsive teaching (CRT) engaging Faculty of Management faculty members to learn about and understand their CRT practices, by employing a structured, weekly approach to critically reflecting upon their CRT pedagogies during one semester of teaching.

2020 New Frontiers in Research Fund – Exploration

Nominated Principal Investigator for project: *Creating vocabularies and rituals for climate grief through multiple knowledge systems and the artistic process*; Co-PI: Erica Mendrizki (NSCAD University); Co-Applicant: Andrew Park (The University of Winnipeg); Collaborators: Roberta Woodgate (University of Manitoba), David Busolo (University of New Brunswick), Lisa Binkley (Dalhousie)

\$249,955 for 2-year highly interdisciplinary project that connects ecology and climatology (biological and earth sciences), art theory and practice (fine arts), mental health and social wellbeing (health sciences), and learning theory (social science) towards producing materials and knowledge that will support the development of visual and linguistic vocabularies and rituals for understanding thoughts and emotions associated with “climate grief”.

2020 SSHRC Insight Grant

Principal Investigator for project: *Designing governance frameworks for protected areas with meaningful Indigenous participation*; Collaborators: Ameyali Ramos (IUCN), Eli Enns (Iisaak Olam Foundation), Sandra Suchet-Pearson and Richie Howitt (Macquary University, Australia),

Osvaldo Munguia (Agency for the Development of the Moskitia, Honduras), Pasang Sherpa (Centre for Indigenous Peoples' Research and Development, Nepal), Kevin Chang (Kua'aina Ulu 'Auamp, Hawai'i), Ricky Archer (North Australian Indigenous Land & Sea Management Alliance), Ramiro Batzin (Sotz'il, Guatemala) and Ryan Bullock (The University of Winnipeg).

\$99,746 for 4-year project will integrate governance theory, social learning, and participatory social impact assessment tools, and will address gaps between existing protected areas governance frameworks and policies, and on-the-ground outcomes for Indigenous communities.

2020 SSHRC Knowledge Synthesis Grant

Co-Investigator for knowledge synthesis project: *Using carrying capacity measures to guide the transformation of coastal governance systems for sustainability*; PI: H. M. Tuihedur Rahman (St. Mary's University); Co-Investigators: Anthony T. Charles and Danika van Proosdij (St. Mary's University), and Kate Sherren and Peter Duinker (SRES, Dalhousie).

Funding: \$49,549

2019 Ocean Frontiers Institute

Co-Applicant and **Work Package 1 Co-Lead and Theme C Co-Lead** for the project: *Knowledge co-production and transdisciplinary approaches for sustainable Nunatsiavut future*; PIs: Anna Metaxas (Dalhousie), Amanda Bates (Memorial University) and Paul McCarney (Nunatsiavut Government); WP1 Collaborators: Megan Bailey (Dalhousie) and Paul McCarney; Theme C Lead; Theme C Collaborator: Jörn Schmidt (ICES/Kiel University)

\$4,005,194 (**\$344,000 for WP1**) for a 5-year project to explore the connectivity of terrestrial, coastal marine and offshore ocean environments through the co-production of scientific and Inuit knowledge systems. Work Package 1 will develop data collection and evaluation tools to examine the approaches and processes used throughout this project to facilitate collaboration between partners. Theme C will encourage knowledge co-production and transdisciplinarity within the project.

2019 SSHRC Partnership Grant

Co-applicant and **Governance Stream Lead** for the project *Conservation for reconciliation: supporting the transformation of conservation in Canada*; PI: Robin Roth (Guelph)

\$2,500,000 for a 7-year research partnership that supports the innovation necessary for Canada to take a leading role in supporting appropriate Indigenous conservation models that meet conservation goals while supporting Indigenous rights. The Governance Stream supports research and knowledge mobilization on governance supporting Indigenous nations in their interests in developing Indigenous Protected and Conserved Areas (IPCAs) in Canada.

2019 SSHRC Insight Development Grant

Co-Principal Investigator for the project *Improving newcomers' wellbeing through nature-based approaches*; PI: David Busolo (University of New Brunswick)

\$61,731 for a 2-year research project to support the assessment and development of nature-based programming for supporting newcomer wellbeing with particular attention to the needs of newcomers of different cultures, ages and abilities.

- 2019 **SSHRC Explore Grant**
 Project title: *Building meaningful Indigenous participation in international conservation governance forums*
 Funding: \$4,987 CDN
- 2019 **Scholarship of Learning and Teaching Award**
 Project title: *Participatory university curriculum development for land-based education on Indigenous perspectives on resources and the environment*
 Funding: \$2,985 CDN
- 2019 **SSHRC Partnership Development Grant**
 Co-applicant for the project *A First Nation Community-University Partnership for Capacity Enhancement in Forest Land Governance*; PI: Ryan Bullock (The University of Winnipeg)
 \$193,000 for a 2-year collaborative research project with Eagle Lake First Nation.
- 2019 **American Association of Geographers (AAG) Enrichment Fund**
 Funding to support participation at the AAG Annual Meeting in recognition of being “distinguished” presenter.
- 2018 **Dalhousie *Belong* Research Fellowship Award**
 Project title: *Designing frameworks for protected areas with meaningful Indigenous participation*
 Funding: \$9,993.15 CDN
- 2018 **SSHRC Exchange Grant**
 Project title: *Mobilizing a boundary work framework for community-based research with Mi’kmaq communities and organizations*
 Funding: \$6,971 CDN
- 2018 **Active Learning Grant**
 Project title: *Engaged learning exploring Mi’kmaw perspectives on resources and environmental management*
 Funding: \$1,986 CDN
- 2018 **SSHRC Insight Grant**
 Co-applicant with Drs. Ryan Bullock and Alan Diduck for *Climate Learning and Adaptation for Northern Development (C-LAND)*; PI: Ryan Bullock (The University of Winnipeg)
 \$256,248 CDN over 5 years to examine how to improve adaptive capacity in Canada’s renewable resource sectors and regions. The project uses a comparative case study approach to enable and assess learning about climate change adaptation, gain insights into how the learning occurs, and examine if and how learning enhances adaptive capacity.

- 2018 **Macquarie University Research Fellowship (MQRF) 2018, Australia (declined)**
Research fellowship to join the Department of Geography and Planning at Macquarie University in Sydney Australia (supervisors: Drs. Sandra Suchet-Pearson and Richie Howitt). The MQRF is a highly competitive postdoctoral fellowship (total value over \$340,000 AU) for early career researchers “with an outstanding track record.”
- 2018 **SSHRC Postdoctoral Fellowship (undertaken May - July 2018)**
\$81,000 CDN for the 2 year project “Intergenerational Indigenous participation, engagement and learning in environmental governance” with the Indigenous Leadership Initiative. **Ranked 5th out of 123 applicants.** Postdoctoral supervisor: Dr. Ryan Bullock (The University of Winnipeg)
- 2018 **Experiential Learning Fund, The University of Winnipeg**
\$3,965 CDN to work with Indigenous community partners to develop land-based experiential learning that is focused on Indigenous wellbeing and connections to the environment.
- 2018 **SSHRC Assistance to Small Universities (ASU) grant, The University of Winnipeg**
\$2,800 CDN to support travel to Finland to initiate a project on wellbeing and connection to the environment with academic partners and Indigenous community leaders and organizations.
- 2017 **Postdoctoral Fellowship, Canada Research Chair in Human-Environment Interactions, The University of Winnipeg**
Research on Indigenous involvement in renewable energy development in Canada. Supported through a SSHRC Knowledge Synthesis Grant, BioFuelsNet and the CRC in Human-Environment Interactions, and in partnership with the Canadian Council for Aboriginal Business.
- 2016 **Graduate Students Association (GSA) Travel Grant, University of Manitoba**
\$750 CDN – Grant to attend the IUCN World Conservation Congress in Hawai’i
- 2014 **IUCN Commission on Environmental, Economic and Social Policy (CEESP), New Social Compact Custodian Fellowship**
\$3,000 CDN – Fellowship to conduct custodian work under the New Social Compact cross-cutting theme at the IUCN World Parks Congress in Sydney
- 2012 **Doctoral Fellowship, Social Science and Humanities Research Council of Canada**
\$40,000 CDN – Fellowship supporting doctoral in Treaty #3 territory/northwestern Ontario
- 3X **Faculty of Graduate Studies Travel Grants, University of Manitoba**
2013, 2011, 2009 / \$1,000 CDN each – Support for conference attendance
- 2012 **IDRC Small Grants for Innovative Research and Knowledge Sharing**

\$17,850 CDN supporting young professionals at the IUCN World Conservation Congress in Jeju, South Korea; Institutional support: Lakehead University, Professor M.A. (Peggy) Smith; Role: PI

2011 **Northern Scientific Training Program Award, Aboriginal Affairs and Northern Development Canada**

\$6,000 CDN (declined) for northern community food security project with Garden Hill First Nations

2009 **Endeavour Research Fellowship, Australian Commonwealth**

\$23,000 AU - National fellowship for Master's research and dissemination

2009 **Rigby Trust Award, St. Mary's University**

\$7,000 CDN - Award for Master's research in community-based coastal management

2009 **Environment and Society Research Award, Australian Geographic Society**

\$1,000 AU - Research funding for Master's thesis research

PUBLICATIONS

Research metrics: Google Scholar: Citations: 1,750+; h-index: 21; i10-index: 32

Peer reviewed journal articles

*=trainee

1. Seidler, D.*, Saunders, M. K., Pamak, C., **Zurba, M.**, McCarney, P., Bailey, M. and H. Bodwich. (Accepted). Reshaping research paradigms: Insights from a large-scale project based in Nunatsiavut, Labrador Canada. *Arctic*.
2. **Zurba, M.**, Suchet-Pearson, S., Bullock, R., Ramos, A., Chang, K., Archer, R., Enns, E., Sherpa, P., Batzin, R., Munguia, O., Papadopoulos, A.*, Lamoureux, B.*, Greenlees, C., Habibi, M.*, Hameed, A.*, and R. Howitt. (2024). Enhancing meaningful Indigenous leadership and collaboration in international environmental governance forums. *Environmental Science & Policy*.
3. **Zurba, M.**, Baum-Talmor, P., Woodgate, R., Mendritzki, E., Park, A., Busolo, D., and L. Binkley. (2024). "I start to doubt whether any of my actions will matter": youth activists' experiences and expressions of the emotions associated with climate change. *Climatic Change*, 177(6), 100.
4. Bugg, E.*, Wright, T. and **M. Zurba**. (2024; online first). Understanding impact in sustainability and the arts: A case study with CreativePEI. *The International Journal of Social, Political and Community Agendas in the Arts*.

5. Doucet, T*, Duinker, P., **M. Zurba**, Steenberg, J. and Charles, J. (2024). Perspectives of successes and challenges in collaborations between non-governmental organization and local government on urban forest management. *Urban Forestry & Urban Greening*, 93, 128220.
6. Doucet, T.*, Duinker, P., Charles, J., Steenberg, J. and **M. Zurba**. (2024). Characterizing non-governmental organizations and local government collaborations in urban forest management across Canada. *Environmental Management*. 73, 231-242.
7. Barraclough, L.* and **M. Zurba**. (2023). Building Community: Vocabularies and Rituals Used to Define and Process Climate Grief by Politically Active Youth in Mi'kma'ki. *Journal of Mental Health and Climate Change*.
8. Bugg, E.*, Wright, T. and **M. Zurba**. (2023). Creativity in climate adaptation: Conceptualizing the role of arts organizations. *Journal of Culture and Local Governance*, 8(1), 17-32.
9. **Zurba, M.**, Dyhani, S., Mwaura, G., Sivadas, D., Elegbede, I. and D. F. Williamson. (2023). Transformative pathway to mainstream youth engagement and intergenerational partnership in nature conservation. *Frontiers in Ecology and Environment*, 21(4), 175-181.
10. Yalamala, R.*, **Zurba, M.**, Diduck, A. and R. Bullock. (2023). A review of large-scale renewable energy partnerships with Indigenous communities and organizations in Canada. *Environmental Reviews*. 31(3), 484-497.
11. Elegbede, I.*, **Zurba, M.**, Hameed, A. and C. Campbell. (2023; online first). Gaps and challenges in harnessing the benefits and opportunities of Indigenous certification for a sustainable communal commercial lobster fishery. *Environmental Management*, 1-20.
12. Cadman, R.*, Snook, J., Andersen, J., Goudie, J., Watts, K., Dale, A., **Zurba, M.**, and M. Bailey. (2023). Labrador Inuit resilience and resurgence: Embedding Indigenous values in commercial fisheries governance. *Ecology & Society*, 28(2).
13. Regan, M.*, Walker, T. and **M. Zurba**. (2022). A pilot study of small craft harbors in Nova Scotia, Canada: Examining livelihoods associated with these facilities. *Coastal Management*, 51(1), 42-64.
14. Bullock, R., Diduck, A., Luedee, J. and **M. Zurba**. (2022). Integrating learning, adaptive capacity and climate adaptation for regional scale analysis: a conceptual framework. *Environmental Management*, 69(6), 1217-1230.
15. **Zurba, M.**, Land, G., Bullock, R. and B. Graham. (2022). Boundary education: Collaborative land-based learning as a way of decolonizing and Indigenizing university curriculum. *Journal of Cultural Geography*, 31(1), 8-31.
16. **Zurba, M.** (2022). Boundary work as a concept and practice in human geography: introduction to special issue. *Journal of Cultural Geography*, 31(1), 1-5.

17. **Zurba, M.** and A. Papadopoulos*. (2021). Understanding Indigenous participation and the incorporation of Indigenous knowledge and perspectives in global environmental governance forums: a systematic review. *Environmental Management*, 1-16.
18. Sorensen Kass, J.*, Duinker, P., Schmidt, M. and **M. Zurba**. (2021). Testing a novel human-nature connection model with Halifax's urban forest using a text-messaging engagement strategy. *Urban Forestry & Urban Greening*, 65, 127350.
19. **Zurba, M.**, Petriello, M.*, Madge, C.*, McCarney, P., Bodwich, H., Bishop, B.*, McBeth, S.*, Denniston, M. and M. Bailey. (2021). Learning from knowledge co-production research and practice in the 21st century: global lessons and what they mean for collaborative research in Nunatsiavut. *Sustainability Science*, 17(2), 449-467.
20. **Zurba, M.**, Sinclair, A. J. and A. P. Diduck. (2021). "Two-Row" cross-cultural learning for collaborative governance of forestland in northwestern Ontario, Canada. *Regional Environmental Change*, 21, 57.
21. M'sit No'kmaq, Beazley, K., Hum, J.*, Joudry, S., Marshall, A., Papadopoulos, A.*, Pictou, S., Rabesca, J., Young, L., **Zurba, M.** (2021). 'Awakening the sleeping giant': 'Re-Indigenization' principles for transforming biodiversity conservation and Indigenous resurgence in Canada. *FACETS*.
22. **Zurba, M.**, Stucker, D., Mwaura, G., Burlando, C., Rastogi, A., Dhyani, S. and Koss, R. (2020). Intergenerational dialogue, collaboration, learning and decision-making in global environmental governance: the case of the IUCN Intergenerational Partnership for Sustainability. *Sustainability*, 12, 498.
23. Bullock, R., **Zurba, M.**, Reed, M. and McCarthy, D. (2020; online first). Strategic options for more effective Indigenous participation in collaborative environmental governance. *Journal of Planning Education and Research*.
24. Park, A., Williams, E. and **Zurba, M.** (2020). Understanding hope and what it means for the future of conservation. *Biological Conservation*, 244, 108507.
25. Bullock, R. and **Zurba, M.** (2020). Open for bioenergy business? Perspectives from Indigenous business leaders on biomass development potential in Canada. *Energy Research & Social Science*, 64, 101446.
26. **Zurba, M.** and Bullock, R. (2019). Bioenergy development and the implications for the social wellbeing of Indigenous peoples in Canada. *Ambio*, 49(1), 299-309.
27. **Zurba, M.**, Beazley, K., English, E. and Buchmann-Duck, J. (2019). Indigenous Protected and Conserved Areas (IPCAs), Aichi Target 11 and Canada's Pathway to Target 1: focusing conservation on reconciliation. *Land*, 8(10), 1-20.
28. Artelle, K. A., **Zurba, M.**, Battacharrya, J., Chan, D. E., Brown, K., Housty, J. and Moola, F. (2019). Supporting resurgent Indigenous-led governance: a nascent mechanism for just and effective conservation. *Biological Conservation*, 240, 108282.

29. **Zurba, M.** (2019). Framing the governance lifecycle of First Nations-industry forestry collaboration in northwestern Ontario, Canada. *Canadian Journal of Forest Research*, 49(999), 395-403.
30. **Zurba, M.**, Maclean, K., Woodward, E. and Islam, D. (2019). Amplifying Indigenous community participation in place-based research through boundary work. *Progress in Human Geography*, 43(6), 1020-1043.
31. **Zurba, M.** and Bullock, R. (2018). Framing Indigenous bioenergy partnerships. *International Indigenous Policy Journal*, 9(4), 2.
32. Woodgate, R. L., **Zurba, M.** and Tennent, P. (2018). Advancing patient engagement: youth and family participation in health research communities of practice. *Research Involvement and Engagement*, 4, 9.
33. **Zurba, M.** (2017). Long-term and meaningful community leadership and engagement in natural resources and environmental governance through university access programs. *Journal of Adult and Continuing Education*, 23(1), 5-14.
34. Islam, D., **Zurba, M.**, Rogalski, A. and Berkes, F. (2017). Engaging Indigenous youth to revitalize Cree culture through participatory education. *Diaspora, Indigenous and Minority Education*, 11(3), 124-138.
35. Woodgate, R.L., **Zurba, M.**, Tennent, P., Cochrane, C, Payne, M. and Mignone, J. (2017). “People try and label me as someone I’m not”: the social ecology of Indigenous people living with HIV, stigma and discrimination in Manitoba, Canada. *Social Science & Medicine*, 194, 17-24.
36. Woodgate, R. L., **Zurba, M.**, Tennent, P., Cochrane, C, Payne, M. and Mignone, J. (2017). A qualitative study on the intersectional social determinants for Indigenous people who become infected with HIV in their youth. *International Journal of Equity in Health*, 16, 132-144.
37. Woodgate, R. L., **Zurba, M.** and Tennent, P. (2017). A day in the life of a young person with anxiety: arts-based boundary objects used to communicate the results of health research. *Forum Qualitative Sozialforschung/Forum: Qualitative Social Research*, 18(3), Art. 17.
38. Woodgate, R. L., **Zurba, M.** and Tennent, P. (2017). Worth a thousand words? Advantages, challenges and opportunities in working with photovoice as a qualitative method with youth and their families. *Forum Qualitative Sozialforschung/Forum: Qualitative Social Research*, 18(1), Art. 2.
39. Woodgate, R. L., **Zurba, M.**, Edwards, M., Ripat, J. D. and Rempel, G. (2017). The embodied spaces of children with complex care needs: effects on the social realities and power negotiations of families. *Health & Place*, 46, 6-12.
40. Woodgate, R. L., Tennent, P. and **Zurba, M.** (2017). Navigating ethical challenges in qualitative research with children and youth through sustaining mindful presence. *International Journal of Qualitative Methods*, 16, 1-11.
41. **Zurba, M.**, Diduck, A. P. and Sinclair, A. J. (2016). First Nations and industry collaboration for forest governance in northwestern Ontario, Canada. *Forest Policy & Economics*, 69, 1-10.

42. **Zurba, M.** and Trimble, M. (2014). Youth as the Inheritors of Collaboration: crisis and the factors that influence participation of the next generation in natural resource management. *Environmental Science & Policy*, 42, 78-87.
43. **Zurba, M.** and Friesen, H. A. (2014). Finding Common Ground through Creativity: exploring Anishinaabe, settler and Métis connections, values and aspirations for the land. *International Journal of Conflict & Reconciliation*, 2(1), 1-34.
44. **Zurba, M.** (2014). Leveling the playing field: Fostering collaborative governance towards on-going reconciliation. *Environmental Policy & Governance*, 24(2), 134-146.
45. **Zurba, M.** and Berkes, F. (2014). Caring for country through participatory art: Creating a boundary object for communicating Indigenous knowledge and values. *Local Environment*, 19(8), 821-836.
46. **Zurba, M.**, Ross, H., Izurieta, A., Rist, P., Bock, E. and Berkes, F. (2012). Building co-management as a process: Problem solving through partnerships in Aboriginal country, Queensland, Australia. *Environmental Management*, 49, 1130-1142.
47. **Zurba, M.**, Islam, D. Smith, D. and Thompson, S. (2012). Food and community healing: an urban community food security assessment for the North End of Winnipeg. *Urban Research & Practice*, 5(2), 284-289.
48. **Zurba, M.** (2009). Bringing local synthesis into governance and management systems: the Girringun TUMRA case in Northern Queensland, Australia. *Journal of the Royal Society of New Zealand*, 39(4): 179- 182.

Peer reviewed book chapters

1. Lamoureux, B.*, **Zurba, M.**, Chen, Y., Islam, D. and K. Sherren. (2024). Image- and arts-based methods in natural resource and environmental social science: Scoping the domain for methods that empower. *Opening Windows: Emerging Perspectives, Practices and Opportunities in Natural Resource Social Sciences*. International Association for Society and Natural Resources (IASNR).
2. Izurieta Valery, A., **Zurba, M.** and A. Papadopoulos*. (2023). The roles of boundary spanning organizations in the governance of the Galápagos Islands. In Baldwin, C., van Bommel, S. and H. Ross (Eds.). *Putting communities first: rural development for sustainable social-ecological systems*.
3. **Zurba, M.**, Doucette, J. and B. Graham. (2023). Transforming University Curriculum and Student Experiences through Collaboration and Land-Based Learning. In Beazley, K., Olive, A. and C. Finnegan (Eds.). *Transformative Politics of Nature*, University of Toronto Press.
4. Petriello M.A.*, **Zurba M.**, Schmidt J.O., Bailey M., Oliver E.C., McLaren M., Anthony K., Nochasak C., Winters Jo., Winters Ja., McCarney P. (2023). The power and precarity of knowledge co-production: A case study of SakKijânginnaniattut Nunatsiavut Sivunitsangit (the Sustainable Nunatsiavut Futures Project). In Gómez S, Köpsel V (Eds). *Knowledge Co-Production for Sustainable Seas – Reflections on Transdisciplinarity in Times of an Ocean in Crisis*. Routledge

5. **Zurba, M.** and Sinclair, A. J. (2020). Learning and reconciliation for the collaborative governance of forestland in northwestern Ontario, Canada. Craft, A. and Regan, P. (Eds.) *Pathways to Reconciliation*. Winnipeg, MB: **National Centre for Truth and Reconciliation**, University of Manitoba Press.

Encyclopedia entry

1. Larsen, S. and **Zurba, M.** (2019). Boundary work, art, and place. In Kobayashi, A. (Ed.) *International Encyclopedia of Human Geography*. Doi: 10.1016/B978-0-08-10886-8

Professional publications

1. **Zurba, M.** and Enns, E. (September 5, 2019). Indigenous Elder societies as leaders for global protected areas governance. *Georgetown Journal of International Affairs*.
2. Burlando, C., **Zurba, M.** and E. Hsiao. (2014). Fostering a vision for just conservation through intergenerational partnerships. *EcoWhisper* (Copal), 1(1):16-17.

Art Writing

1. *To dance among rising waters: Graeme Patterson's Strange Birds* (2024 exhibition catalogue)
2. *John Macnab: The Centre Holds* (October 2023) Billie: Visual Culture Atlantic. online: <https://billiemag.ca/john-macnab-the-centre-holds/>

Book reviews

1. **Zurba, M.** (2016). Book review: Beyond the Line: Cultural narratives of the Southern Oceans by Michael Mann and Ineke Phaf-Rheinberger (Eds.). *The Canadian Geographer/Le Géographe canadien*, 60(2), e28-e29.
2. **Zurba, M.** (2013). Book review: Conservation for a New Generation: Redefining natural resources management by Courtney White and Richard L. Knight (Eds.). *Australasian Journal of Environmental Management*, 20(2), 167-168.
3. **Zurba, M.** (2011). Book review: Greening through IT by Bill Tomlinson. *Australasian Journal of Environmental Management*, 18(4), 262-263.

Research Reports

1. **Zurba, M.**, Mwaura, G., Dyhani, S., Sivadas, D., Elegbede, I. and D. F. Williamson. (2021). Review: Youth engagement and intergenerational partnerships across IUCN. Submitted to the International Union for the Conservation of Nature (IUCN) by the Collective Leadership Institute on behalf of the Youth and Intergenerational Research, Impact and Action Group (InterGens).
2. Bullock, R. and **Zurba, M.** (2017). Framing Indigenous partnerships in energy and allied renewable resource sectors. Final Knowledge Synthesis Report for the Social Sciences and Humanities Research Council of Canada. Centre for Forest Interdisciplinary Research, The University of Winnipeg. Winnipeg, Manitoba, Canada. 24 pp.

Articles/Chapters under peer-review

Zurba, M., Boyd, S.* , Lamoureux, B.* , Mendritzki, E., Park, A., Busolo, D., Binkley, L. and R. Woodgate. (Under revision). Vocabularies and rituals of climate grief: a typology. *Oxford Open Climate Change*.

Zurba, M., Wang, Y.* and M. Solomons. (Under Review). Review of insights and challenge areas for implementing nature-positive food systems in East and South Africa. *Environmental Reviews*.

Zurba, M., Baum-Talmor, P., Park, A., Rudenko, K.* , Mendritzki, E., Busolo, D. and L. Binkley. (Under Review). Exploring eco-grief, transformative learning, and action in environmental observers. Target journal: *Human Ecology*.

Articles/Chapters under preparation

Barracough, L. and M. Zurba. (Under Preparation). Exploring how learning processes and outcomes relating to climate grief affect the motivations of politically active youth in Mi'kma'ki. *Bridging Social Ecological Justice in Education*, University of Manitoba Press.

Zurba, M., Hameed, A.* and S. Pictou. (Under Preparation). Impacts of COVID-19 on Indigenous wellbeing and environmental governance.

Hoicka, C., MacCallum, E., Hameed, A., Leung, L., Neville, K. J., Foroozan, A., Galloway, T., Higgins, D., Maclean, H., Ross, M., Teelucksingh, C., Tizya-Tramm, E., Asher, L., Azimi Dijvejin, Z., Bazylak, A., Bergerson, J., Berlinguette, C., Besco, L., Birss, V., Bullock, R., Chai Chiu, S., Chew, S., Fitzgibbon, C., Huang, S., Jekill, N., Tengxiao, J., Killius, E., McKinnon, L., Serefos, M., Shayesteh Zeraati, S., Shi, C., Tiwari, S., Williams, A., Wu, Y.A., Yao, X., Zhu, M., Van de Coevering, D., **Zurba, M.** and D. Sinton. (Under Review). Towards Inclusive Energy Futures: Co-creation of a Multi-Institutional, Interdisciplinary and Community Engaged Equity, Diversity and Inclusion Terms of Reference for the CANSTOREnergy Research Project.

Consulting / Contributions to Community and Organization Projects

1. Coordinator of the Youth Engagement Review for the Commission for Environmental Cooperation, 2021
2. Coordinator of the Global Review on Youth and Intergenerational Collaboration for the International Union for the Conservation of Nature (IUCN), 2021
3. Indigenous Protected Areas section of the 2019 Land Use Plan for Nisichawayasihk Cree Nation
4. Participatory training evaluation for the GAFA Conservation Network project *Restoring climate refuges for migratory birds and building community engagement with nature*, 2019/2020

INVITED KEYNOTES

Centre of Applied Science in Ontario Protected Areas (CASIOPA), 2024;

“Enhancing meaningful Indigenous leadership and collaboration in international environmental governance forums.”

International Association for Social Science Information Service & Technology, 2024;

“Community-university partnered Research: Roles, power and practical stages for equitably sharing and generating knowledge”

Canadian College and University Environmental Network, Halifax, Nova Scotia, 2022;

“Collaboration with Indigenous community partners to deliver university education”

Canadian Wildlife Service Youth, Environment and Climate Change Canada, 2022; “Science governance and collaboration in Nunatsiavut”

CONFERENCE PROCEEDINGS

Canadian Association of Geographers (CAG), St. John’s 2024

Panel member: *Emotions and the Climate Crisis: Choices, Behaviours, and Futures*

Zurba, M. and D. Busolo. *Exploring the impact of NatureBased Programs on Newcomers’ Wellbeing: Insights from Atlantic Canada (Mi’kma’ki).*

North American Refugee Health Conference, Minneapolis 2024

Busolo, D., Zurba, M., Brimacombe, M. and M. Anaba. Improving newcomers’ wellbeing through nature-based approaches.

International Studies Association (ISA), Montreal 2023

Zurba, M., Mwaura, G., Dhyani, S., Sivadas, D., Elegbede, I. and D. F. Williamson. *Youth Engagement and Intergenerational Partnerships Across the International Union for the Conservation of Nature (IUCN)*

International Marine Protected Areas Congress (IMPAC5), Vancouver 2023

Petriello M, Zurba M, Campese J, Nochasek C and J Winters. Knowledge café: *Fostering Knowledge Co-Production for the Equitable and Empowered Conservation and Governance Of Marine and Coastal Social-Ecological Systems.*

American Congress for Conservation Biology (NACCB), Reno, NV, USA, 2022

Petriello M, Zurba M, Oliver E, Bailey M, Cadman R, Bishop B, Wang M, McCarney P, Denniston M, Metaxas A, Bates A, Bodwitch H, Schmidt J, Anthony K, Jacque N, Winters J, McLaren M, Cote D, Rangeley R, Sipler R. (2022). Mental models as iterative tools to explore knowledge co-production systems.

Administrative Sciences Association of Canada Conference, Halifax, Nova Scotia, 2022

Comber, S, Wilson, L., Baechler, J., Toze, S., Zurba, M. and E. Marshall. “Culturally Responsive Teaching (CRT): Faculty Members’ Critical Reflections on CRT.”

Atlantic Society of Fish and Wildlife Biologists 58th Annual General Meeting and Conference, Cardigan, PEI. October 19-21, 2021. (*Presenter)

M'sit No'kmaq, Elder A. Marshall, Beazley, KF*, J. Hum, s. joudry, A. Papadopoulos, S. Pictou, J. Rabesca, L. Young, M. Zurba. 2021. 'Awakening the sleeping giant': Re-Indigenization principles for transforming biodiversity conservation.

Thinkers Lodge Summit on Nuclear and Climate Crises, Pugwash, Nova Scotia (Invited participant)

Blomidon Naturalist Society. Virtual co-guest presentation. September 20, 2021. (*Presenters) M'sit No'kmaq, Elder A. Marshall*, Beazley, KF*, J. Hum, s. joudry, A. Papadopoulos, S. Pictou, J. Rabesca, L. Young*, M. Zurba. 2021. Indigenizing biodiversity conservation.

MARE Coastal Zone Canada, Iqaluit, Nunavut, Canada (online). June 13-16, 2021.
Presentation: Bishop, B., Cadman, R., Zurba, M. & Aporta, C. Inuit Knowledge is governance: How narratives can contribute to holistic management approaches.

2021 Virtual International Association for Society and Natural Resources (IASNR) Conference. June 20-24, 2021.
Presentation: Zurba, M., Mendritzki, E., Park, A., Woodgate, R., Binkley, L. and D. Busolo. Creating vocabularies and rituals for climate grief through multiple knowledge systems and the artistic practice.

International Union for the Conservation of Nature (IUCN) Global Youth Summit. Online, April 5-16, 2021.
Presented the Review on Youth Engagement and Intergenerational partnership across IUCN on behalf of the Youth and Intergenerational Research, Impact and Action Group (InterGens)

Lisbon Forum (Directorate General of Democracy North-South Centre and the Council of Europe). Online, December 2, 2020.
Invited workshop panelist: Intergenerational dialogue and environmental governance

17th International Association for the Study of the Commons (IASC) Global Conference. Lima, Peru. July 1-5, 2019.

Presentation: Social wellbeing as a framework for understanding the implications of bioenergy development for Indigenous communities in Canada.

Multi-stakeholder dialogue: Practice to policy impact of forest and nature conservation, governance and equity on indigenous community. Facilitators: Purabi Bose and **Melanie Zurba**

Poster: Evidence of learning in climate change adaptation: An assessment of environmental and natural resource partnerships. Authors: Julia Antonyshyn, Ryan Bullock, **Melanie Zurba**, Alan Diduck

Presentation: A boundary work framework for community-partnered place-based research. **Canadian Association of Geographers Annual Meeting.** Winnipeg, MB. May 27-31, 2019.

Presentation: Land-based learning for exploring Indigenous perspectives on resources and the environment. **Dalhousie Conference on University Teaching and Learning.** Halifax. May 1 & 2, 2019.

Invited presentation: Mobilizing a boundary work framework for community-partnered research and land-based curriculum development. **American Association of Geographers Annual Meeting**. Washington, D.C. April 2-7, 2019

Presentation: Bullock, R., Zurba, M., Parkins, J. and M. Skudra. Framing Indigenous Involvement in Canada's Rapidly Expanding Bioenergy Sector. **International Geographical Union Regional Conference**, "Geography of Local Governance". University of Lisbon, Portugal. Sept. 4-5, 2018.

Presentation: Zurba, M. and Bullock, R. An international network for exploring wellbeing and connection to the environment for northern Indigenous youth. **Communities, Conservation & Livelihoods**. St. Mary's University, Halifax, Canada. May 28-30, 2018

Presentation: Zurba, M., Sinclair, A.J. and A.P. Diduck. Cross-cultural learning through collaborative governance of forestland in northwestern Ontario. **Centre for Interdisciplinary Forest Research (C-FIR) Symposium**. The University of Winnipeg, Winnipeg, Canada. 2017.

IUCN World Conservation Congress 2016 - Honolulu, USA

- Co-facilitator for knowledge cafe on youth engagement in tiger and forest conservation;
- Rapporteur for natural capital event;
- Invited panelist for law and environment forum;
- Facilitator for a planning meeting for the Intergenerational Partnership for Sustainability

Presentation: Zurba, M., Sinclair, A.J. and A.P. Diduck. "Peace in the woods": learning and reconciliation for the collaborative governance of forestland in northwestern Ontario, Canada. **Pathways to Reconciliation**. The University of Winnipeg, Winnipeg, Canada. June 15-18, 2016.

Presentation: Zurba, M., Sinclair, A.J. and A.P. Diduck. Learning and reconciliation through cross-cultural collaboration in forest governance in northwestern Ontario; Host and discussant for panel: cross-cultural perspectives on arts and culture. **Connecting Peoples and Lands**. Kenora, Canada.

IUCN World Parks Congress 2014 - Sydney, Australia

Workshop facilitation and rapporteur for the New Social Compact theme

Presentation: Zurba, M., Sinclair, A.J. and A.P. Diduck. Seeking "peace in the woods?": collaborative governance in northwestern Ontario towards learning and reconciliation. **International Peace Research Association 25th General Conference 2014**. Istanbul, Turkey. August 11-15, 2014.

Presentation: Zurba, M., Sinclair, A.J. and A.P. Diduck. Building Common Ground: complex multi-party governance of forests in northwest Ontario, Canada. **International Association for the Study of the Commons (IASC) Conference**. Fujiyoshida, Japan. June 3-7, 2013.

IUCN World Conservation Congress 2012 - Jeju, Rep. of Korea

- Organizer and primary facilitator for the 'Just World Pavilion' event: *Youth at Congress: strengthening Community Voices towards a 'Just World'*, and
- Editor of and contributor to *Community voices: Young professionals' stories from the Commission on Environmental, Economic & Social Policy (CEESP)*.

Poster: Zurba, M. and Berkes, F. Caring for country through participatory art: an emerging method for exploring regional values and aspirations. **People and Places International Conference**. Halifax, Canada. 2011.

Presentation: Zurba, M. The Girringun approach to protected area management in Australia. Parks and Protected Areas Research Forum of Manitoba Conference. Winnipeg, Canada. 2011.

Marine Planning Sessions 2010 - Prince Rupert, Canada

Primary facilitator for discussions about BC coast marine planning and co-management with the North Coast Skeena First Nations Stewardship Society and government officials

Poster: Zurba, M. and Berkes, F. Working towards governance and co-management systems that integrate Traditional Owner aspirations for caring for land and sea country - a case study from Australia. **Ocean Management Research Network**. Ottawa, Canada. 2009.

STUDENT & FELLOW SUPERVISION

Postdoctoral fellows

Julie Hyde (2021 - 2023) – Research topic: Engaging young people and fostering intergenerational collaboration: assessing the initiatives within the nature conservation sector; Research funding: Mitacs Accelerate

Michael Petriello (2020 - 2022) – Research topic: Knowledge co-production for the Sustainable Nunatsiavut Futures project

Reddi Yalamala (2019 - 2021) – Research topic: Governance and financing arrangements for renewable energy partnerships with Indigenous communities; Research funding: Addenda Gift Award and Mitacs Accelerate

Visiting scholars

Meetha Ram (2023) – PhD student from the University of Ferrara, Italy; work focusing on waste management and social equity

Isa Elegbede (2019) – PhD student from Brandenburg University of Technology, Germany; work focusing on benefits, opportunities, gaps and challenges in developing Indigenous fisheries certifications; **Awards under my supervision:** Robin Rigby Trust Fellowship (\$5,000); Oceans Frontiers Institute Visiting Scholar Award (\$18,000)

PhD students

Ahmad Hameed (2023 – present): Thesis topic: Native Hawai’ian community-based fisheries. **Awards under my supervision:** Nova Scotia Graduate Scholarship

Jessica Campese (2022 – present): Thesis topic: Environmental and science governance and learning in Nunatsiavut; Interdisciplinary PhD program, Dalhousie University (co-supervisor: Jörn Schmidt, Kiel University and ICES); **Awards under my supervision:** Vanier Doctoral Scholarship

Michael Kurubire Abana (2019 - present); Thesis topic: Nature-based approaches to improving the wellbeing of newcomers to Nova Scotia; Interdisciplinary PhD program, University of New Brunswick (co-supervisor: David Busolo, Nursing); Research Funding: SSHRC Insight Development Grant

Master of Environmental Studies (MES; thesis program) students

Antonella Mena (2024 – present); Thesis topic: Enhancing Mi'kmaw leadership in research

Kateryna Rudenko (2023 – present); Thesis topic: Ukrainian-Indigenous storytelling and reconciliation; **Awards under my supervision:** Nova Scotia Graduate Scholarship

Kristen Levy (2023-present); Thesis topic: Natural Asset Management in Nova Scotia

Aden Morton-Ferguson (2022 – present); Thesis topic: Enhancing meaningful participation of Indigenous peoples in environmental governance forums; **Awards under my supervision:** Godsoe Award; Canada Graduate Scholarship; Nova Scotia Graduate Scholarship

Sophie Boardman (2022 – present); Thesis topic: Social learning and relationship building through the Conservation through Reconciliation Partnership

Melika Habibi (2021 - present); Thesis topic: Legal and policy challenges in the implementation of Indigenous Protected and Conserved Areas (IPCAs); **Award under my supervision:** Nova Scotia Graduate Scholarship; Research Funding: SSHRC Insight Grant

Morgan Brimacombe (2021 - present); Thesis topic: Newcomer wellbeing and experiences of climate grief; **Award under my supervision:** Nova Scotia Graduate Scholarship (2021) and SSHRC Canada Graduate Master's Scholarship (2022)

Ahmad Hameed (2021 - 2023); Thesis topic: Indigenous Hawai'ian leadership in environmental governance; **Award under my supervision:** Nova Scotia Graduate Scholarship

Lily Barraclough (2020- 2022); Thesis topic: Examining How Politically Active Youth in Mi'kma'ki Respond Emotionally to the Climate Crisis; **Award under my supervision:** SSHRC Canada Graduate Master's Scholarship

Bryanne Lamoureux (2020 - 2022); Thesis topic: Working Towards Food Justice? Understanding the Initiatives of Manitoba Farmers to Reduce Inequities in the Local Food System; **Award under my supervision:** SSHRC Canada Graduate Master's Scholarship

Abena Dwumfour (2019 - 2021); Thesis title: Localization of gender policy for international food aid

Anastasia Popadopoulos (2019 - 2021); Thesis topic: Mi'kmaw perspectives for Indigenous Protected and Conserved Areas (IPCAs) in Nova Scotia; **Award under my supervision:** SSHRC Canada Graduate Scholarships-Master's Program, Nova Scotia Graduate Scholarship

Carly Madge (2019 - 2021); Thesis topic: The social learning processes involved in incorporating wildfire risk reduction strategies into forest harvesting plans in northern Saskatchewan as a method of climate change adaptation; **Award under my supervision:** Nova Scotia Graduate Scholarship

Ashley Gibson (2019 - 2021); Thesis topic: Indigenous frameworks for forest governance in northwestern Ontario; **Award under my supervision:** Scotiabank Ethics in Action Bursary (\$5,000)

Master of Resources and Environmental Management (MREM; non-thesis) students

Maranda Pitman (2023 – present); Internship: with the Jiksitatultik'we project

Hunar Aurora (2022 – present); Internship: Divert Nova Scotia

Mary Olivella (2022 – present); Internship: WWF Canada

Sarah McLean (2021 - 2022); Internship: Marine protected areas

Samantha Suppanz (2021 - 2022); Internship: Ducks Unlimited educational programming

Claire Allely-Faire (2020 - 2022); Internship: Nature interpretation with the Central Ohio and Columbus Metro Parks system

Jennifer Baillie (2020 - 2022); Internship: Environment and Climate Change Canada (Water Policy and Coordination Team)

Hannah Machat (2020 - 2022); Internship: Urban forestry in Halifax

Katie McGuire (2021 – 2021); Report: Comparing Challenges and Potential Solutions in the Application of the *Canadian Environmental Protection Act* and the *Species at Risk Act* on First Nation Reserve Land

Sara Boyd (2019 - 2021); Internship: Typology for vocabularies and rituals relating to climate grief

Julietta Kass Sorensen (2018 - 2019); Internship theme: urban forests and IT

Jessica Lockyer (2018 - 2019); Internship: Waste management in BC

Madeleine Chauvin (2019 - 2020); Internship: Renewable energy policy in Nova Scotia

Master of Resource Management – University of Westfjords, Iceland

Jessica Steele (2024-2025); Project topic: Inuit art in knowledge co-production

Master of Marine Management (MMM; non-thesis) students

Armand McFarland (2021-2022); Project topic: Indigenous leadership in marine protected areas

Environment, Sustainability and Society (ESS) Honours undergraduate students

Sophie Boardman (2019-2020); Thesis topic: Indigenous Protected and Conserved Areas in Canada

Mary Kelly (2019-2020); Thesis topic: Decolonizing university education through access programs

Interns

Maranda Pittman (2024) – Intern with Jiksitatultik’we: “Listening to each other” project

Fareed Ahmed (2024) - Mitacs Globalink Intern

Yuge Wang (2023) – Project intern with Canada Foodgrains Bank

Juan Angel Barajas Alzúa (2023) – Mitacs Globalink Intern

Kateryna Rudenko (2022 – 2023) – Mitacs Globalink Intern and Research Nova Scotia Fellow

Sara Boyd (2020) – EcoCanada Intern; Research topic: A typology for climate grief vocabularies and rituals in Canada

Charlotte Greenlees (2021) – Mitacs Globalink Intern; Research topic: Meaningful Indigenous engagement in global environmental governance forums

STUDENT THESIS COMMITTEES

Samantha Sithole (2024); PhD, University of Lausanne; Thesis title: *Youth engagement with conservation: From global platforms to local landscapes*; **Role:** External Examiner

Hannah Malen Lubker (2024-present); PhD, Brock University; **Role:** Thesis committee member

Annabe Marquardt (2023-present); Master of Environmental Studies, Dalhousie University (Supervisor: Andrew Medeiros); **Role:** Thesis committee member

Ariane Sophia Gienger (2023); PhD, Geography, Environment and Population, The University of Adelaide (Supervisor: Melissa Nursey-Bray); Thesis: *Participation to partnerships: an exploration of reconciliation, co-management and their interconnections in the South Australian context*; **Role:** External examiner

Kate Ortenzi (2022-present); PhD, Biology, Dalhousie; **Role:** Admission to Candidacy (ATC) external examiner

Victoria Hodson (2022 – present); PhD, Guelph University; **Role:** Committee member

Melanie Bateman (2022); Master of International Development, Dalhousie University (Supervisor: Sherry Pictou); **Role:** Thesis external examiner

Renato Israel Caceres Vaca (2022); PhD, Waterloo University (Supervisors: Jeremy Pittman and Peter Deadman); Thesis: *Adaptive capacity, collaboration and adaptive governance*; **Role:** Thesis external examiner

Emma Bugg (2023-present) IDPhD; and, (2021-2023); Master of Environmental Studies, Dalhousie University (Supervisor: Tarah Wright); **Role:** Thesis committee member

Tyler Doucet (2021-2023); Master of Environmental Studies, Dalhousie University (Supervisor: Peter Duinker); **Role:** Thesis committee member

Tom Duncan (2020); PhD, Charles Darwin University (Australia; Supervisor: Steven Garnette); Thesis: *Increasing Equitable Engagement of Indigenous Peoples in Management of Threatened and Culturally Significant Species*; **Role:** External examiner

Breanna Bishop (2020 -); Interdisciplinary PhD; Dalhousie University (Supervisor: Eric Oliver and Claudio Aporta); **Role:** Thesis committee member

Tina Oh (2018 – 2023); Master of Environmental Studies, Dalhousie University (Supervisor: Ingrid Waldron); **Role:** Thesis committee member

Rachel Cadman (2018 - 2023); Interdisciplinary PhD; Dalhousie University (Supervisor: Megan Bailey); **Role:** Thesis committee member

Jaya Fahey (2020); Master of Environmental Studies, Dalhousie University (Supervisor: Kate Sherren); Thesis: *Space to roost: Working with recreational beach users to set aside high-tide roosting space for*

migratory shorebirds in the Minas Basin of the Bay of Fund, Nova Scotia, Canada; **Role:** External reviewer

Breanna Bishop (2019); Master of Marine Management, Dalhousie; **Role:** Second reader for graduate project

Emily Wells (2020- 2023); Master of Environmental Studies, Dalhousie University (Supervisor: Kate Sherren); **Role:** Thesis committee member

Monica Regan (2019 – 2021); Master of Environmental Studies, Dalhousie University: *Social and environmental issues related to harbour divestiture in Canada* (Supervisor: Tony Walker); **Role:** Thesis committee member

Molly Fredeen (2018); Master of Environmental Studies, Dalhousie University (Supervisor: Matthew Schnurr); **Role:** External reviewer

Julia Antonyshyn (2019 - 2020); Honours in Environmental Studies, The University of Winnipeg (Supervisor: Ryan Bullock); **Role:** Thesis committee member

Thesis Defense Chair for:

- **Ronnie Noonan-Birch**, Master of Environmental Studies (April 2023)
- **Gianina Ciacosa Massa**, Master of Environmental Studies (April 2022)
- **Jennifer MacNeil**, Master of Environmental Studies (April 2021)
- **Shizhou Ma**, Master of Environmental Studies (August 2020)
- **Farzana Karim**; Master of Environmental Studies (August 2019)
- **Kathleen Mifflin**; Master of Environmental Studies (August 2019)
- **Asma Bashirivand**; Master of Environmental Studies (August 2019)
- **Emily Davis**; Master of Environmental Studies (November 2018)
- **Mirabai Alexander**; Master of Environmental Studies (August 2018)

TRAININGS DELIVERED

Climate Change Indigenous Mentorship Program – matched with a mentee from English River First Nation; 2022 to present

Lessons learned for the negotiated resolution of socio-environmental conflicts – training delivered to mining and oil and gas professionals from South America; March 9 & 16, 2021

Indigenous people and the bioeconomy – webinar delivered to NRCan Staff; May 7, 2020

“Introduction to Guardian Programs” – 3-day training for Nisichawayasihk Cree Nation Indigenous Guardians, March 6-8, 2019. Nisichawayasihk Cree Nation, northern Manitoba.

ORGANIZATIONAL BOARD AND STEERING COMMITTEE ROLES

Chair, Theme for Governance, Equity and Rights (TGER) for the International Union for the Conservation of Nature (IUCN) Commission on Environmental, Economic and Social Policy (CEESP) – April 2019 - Present

Co-Convener, IUCN Intergenerational Partnership for Sustainability (IPS) – 2011 - Present

Advisory Board Member, GAEA Conservation Network, Grenada - April 2017 - Present

EDITORIAL POSITIONS

Associate Editor – Environmental Science & Policy, Elsevier, March 2024 - Present

Editor of Special Issue on Boundary Work – Journal of Cultural Geography, Volume 39, 2022 (<https://www.tandfonline.com/toc/rjcg20/current>)

Article Editor - SAGE Open, October 2018

Guest Editor - BRANCH Magazine, Issue 9: *What's your story?* - National online magazine devoted to exploring the rifts and overlaps of visual and literary arts.

GLOBAL POLICY REVIEW ACTIVITIES

Invited Reviewer – Intergovernmental Science-Policy Platform on Biodiversity and Ecosystem Services (IPBES); Chapter 6: Policy options for governing sustainable use of wild species (Supplementary materials)

Review Coordinator and Author – International Union for the Conservation of Nature (IUCN); Review: Youth Engagement and Intergenerational Partnership across IUCN

REVIEW ACTIVITIES FOR EXTERNAL FUNDERS

SSHRC Doctoral Fellowship program – Reviewer in 2020, 2021, 2024

SSHRC Insight Grant – Reviewer, 2024 (one file)

Mitacs Accelerate – Reviewer, 2022 (one file)

Mitacs Postdoctoral Fellowship review committee – Reviewer, 2021(one file)

Ocean Frontiers Institute Science committee – Seed Fund 2020

REVIEWING FOR ACADEMIC JOURNALS

Environmental Science & Policy – April 2019; July 2021; August 2023; December 2024; October 2024

Arctic Science – July 2024

AlterNative – August 2019; May 2024

ACME: An International Journal for Critical Geographies – January 2023; April 2024

Conservation Biology – February 2020; March 2020; June 2020; December 2020; July 2021; November 2023

Ecosystems and People – May 2023

Plastics – April 2023

Trees, Forests and People – January 2023, August 2020

Conservation Science and Practice – May 2022

Sustainability: Science, Practice and Policy – January 2022

Climate Risk Management – January 2022

FACETS – June 2020; Sept 2021

Agriculture – September 2021

Sustainability Science - July 2018; April 2021

Climate Change – January 2021

Environmental Management – July 2020; December 2020

EPC: Politics and Space – December 2020

Diaspora, Indigenous & Minority Education – May 2019; December 2020

Environment and Planning C: Politics and Space – July 2020

Human Ecology - November 2014; August 2016; March 2018; May 2020

International Indigenous Policy Journal – April 2020

Health Promotion International – March 2020

Rangeland Journal – March 2020

Journal of Environmental Management - February 2015; March 2014; February 2020

Forests – October 2019

The Canadian Geographer / Le Géographe canadien – June 2019

Evaluation & Program Planning – June 2019

Ambio – February 2019

Forum: Qualitative Sozialforschung/ Forum: Qualitative Social Research - March, 2017; January 2019

Area – January 2019

Global Health Promotion - October 2018

Journal of Environmental Sciences and Renewable Resources - November, 2017

Ecology & Society - September 2016; August 2015

Natural Resources Forum (UN Journal) - September 2016

Society & Natural Resources - July 2016; April 2015

Human Technology - December 2015

Sustainability - October 2015

Public Management Review - August 2015

Journal of Parks and Recreation Administration - issue for the IUCN World Parks Congress, 2014

Journal of Ecology and the Natural Environment - July 2013

REVIEWING FOR CONFERENCES

International Institute for Qualitative Methods (IIQM) Conference 2017 - Invited to review 10 abstracts

International Association for the Study of the Commons Conference (IASC) 2015 - Invited to review 20 abstracts

ENVIRONMENTAL PROGRAM REVIEWS

IUCN PANORAMA

Review of Lamington National Park's long-term volunteers – June 2019

Review of Santa Monica Biodiversity Rights - January 2018

PROFESSIONAL AFFILIATIONS

International Union for the Conservation of Nature (IUCN)

Chair – Theme on Governance, Equity and Rights (TGER)

Co-convener - Intergenerational Partnership for Sustainability (IPS)

Commission member - Commission on Environmental Economic & Social Policy (CEESP) and World Commission on Protected Areas (WCPA)

Member - Green List of Protected Areas Specialist Group

Reviewer - PANORAMA

Associate Member, Centre for Forest Interdisciplinary Research (C-FIR) - since October, 2017

Member – International Association for Society and Natural Resources (IASNR)

SPECIALIZED TRAINING

2023 **Visual Arts Certificate in Studio – General Practice, NSCAD University (ongoing)**

Courses:

- FNDN 1010 Intro Studio Practice (September 2023)

2023 **Anna Leonowens Gallery Certificate in Gallery and Studio Management, NSCAD University**

Courses:

- ESAR-0205 Managing Archives and Collections (April/May 2022)
- ESAR-0201 Gallery Preparation and Exhibit Design (Sept/Oct/Nov 2022)
- ESAR-0203 Writing and Promotions for Artists and Galleries (Nov/Dec 2022)
- ESAR-0202 Professional Artist Toolbox (Jan/Feb/March 2023)
- ESAR-0204 Documentation for Artists and Galleries (March/April 2023)

2022 **Berlin Art Institute:** Fine art classes with professional artists

2017 **Museums and the Community, Association of Manitoba Museums**

Course on the role of museums in serving the community, including skills development for community partnerships

2016 **Media for Nature Conservation, Cornell-Atkinson Centre**

Training on multiple media formats and writing skills for communicating conservation knowledge and current events

2013 **Traditional Land Teachings, Manitoba Archeological Society**

Traditional ways of life of Anishinaabe peoples, Karen Dannenmann, Treaty #3 Land Educator

2011 **Introduction to Film Making, Winnipeg Film Group**

Courses covering camera operation, sound and lights, script writing and storyboarding, and editing using Final Cut Pro and iMovie

EXHIBITS & EVENTS

[*Worried Earth: Youth Climate Activists' Photos and Narratives Reflecting on Climate Change – Dalhousie University 2023*](#)

Lead curator for interactive research exhibition featuring photographs by youth climate activists who participated in photovoice research on climate grief. Exhibition in partnership with the Dalhousie Art Gallery.

***Worried Earth: Eco-Anxiety and Entangled Grief* – [Gallery 1C03](#) (The University of Winnipeg) in 2022, [Port Loggia Gallery](#) (NSCAD University) in 2023, Gallery of Grand Prairie in 2024**

Assistant curator (and project NPI) for professional art exhibit that is part of the New Frontiers in Research Fund project “Creating vocabularies and rituals for climate grief through multiple knowledge systems and the artistic process”.

***A Day in the Life of a Young Person with Anxiety, 2016* - Knowledge translation: Video vignettes**

Part of creative team and event organizer for knowledge translation component of “Youth’s voices: their experiences living with an anxiety disorder” research project (PI: Prof. Roberta Woodgate). Vignettes produced in collaboration with the Royal Winnipeg Ballet Aspirant Program and Wookey Films.

***What are Human Rights?, 2014* - Canadian Museum for Human Rights**

Conducted research for the first 50 (of 100) human rights events and articulations featured in a permanent timeline exhibit prominently featured in the first gallery.

***Caring for Country, 2011* - St. Paul’s College Bldg., University of Manitoba**

Permanent community art research exhibit featuring 1.5 X 1.25 meter participatory painting created by artists from the Giringun Aboriginal Arts Centre.

***Finding Common Ground through Creativity, 2010* - Lake of the Woods Discovery Centre, Kenora**

Permanent community art research exhibit featuring collaborative mosaic art exploring First Nations and community values for land - project in partnership with the Lake of the Woods Arts Collective. Produced and directed a video documentary of the project. Supported by the Common Ground Research Forum (CGRF) and Community Arts & Heritage Education Project (CAHEP).

MEDIA

Thinkers Lodge Summit on Nuclear and Climate Crises

Participant in 2021 Thinkers Lodge at Pugwash. <http://centreforlocalprosperity.ca/climate-change/thinkers-lodge-summit-on-nuclear-and-climate-crises/>

“Canada working towards new future for Indigenous-led conservation” by James Dinneen – January 2020

Interviewed for article in the Mongabay News. <https://news.mongabay.com/2020/01/canada-working-towards-new-future-for-indigenous-led-conservation/>

“Canada launches Indigenous-led nature conservation partnership” 2019

CBC article on 7-year SSHRC Partnership grant with multiple academic and community partners. https://www.rcinet.ca/en/2019/07/25/canada-launches-indigenous-led-nature-conservation-partnership/?fbclid=IwAR0CNnYYgZHQeu5fWUE_5sUPIAyP-HoCSv1AhAniuhltJg8iQc3MEsR4GN4

“Indigenous bioenergy partnerships in Canada,” 2018

UWinnipeg YouTube video on the work by Drs. Ryan Bullock and Melanie Zurba on Indigenous perspectives on renewable (bio)energy production in Canada.

https://www.youtube.com/watch?v=wA_PPwyfMYo&feature=youtu.be

“SSHRC-funded projects on addressing a rapidly changing global context,” 2017

SSHRC media release describes knowledge synthesis work on *Global and local framings of Indigenous energy partnerships* with Dr. Ryan Bullock at the University of Winnipeg.

Kenora Daily Miner & News articles: “*Artists’ project takes shape at Tunnel Island*” (Aiken, May 6 2010) and “*Common Ground art mosaic unveiled*” (Thompson, July 15, 2010)

CBC Daybreak, March 18th 2010

Radio interview, discussion about Marine Planning Sessions with the North Coast Skeena First Nations Stewardship Society and Master’s research in Australia

CREATIVE AWARD

International Photography Awards, 2010 - Submission: Goodbye to Trees, Environmental Editorial, Non-professional category.

ACADEMIC SERVICE

Dalhousie

- Member, Dalhousie Indigenous Research Policy Statement Steering Committee
- Member, Dalhousie Purpose and Social Responsibility Self-Study Group (2019-2020)
- Indigenous Studies Advisory Council (2020-Present)
- CLT Scholarship of Learning and Teaching Grants Committee (April – May 2021)

Faculty of Science

- Tenure and Promotion Taskforce (2023-Present)

Faculty of Management

- Member, Faculty of Management Equity, Diversity and Inclusion (EDI) committee (2020 – 2023)
- Member, Canada Research Chair (Tier 2) in Indigenous Governance search committee (2019)
- Member, “DalOpen Academic Coordinator and Instructor (Management), Faculty of Management and College of Continuing Education” search committee (2020)

School for Resource and Environmental Studies

- Member, SRES Neil Munro and Colin Stewart scholarships review committee (2024)
- Member, Tenure and Promotion Committee (2 files) (2023)
- Member, Limited Term Appointment (LTA) hiring committee (2020)
- Member, Director hiring committee (2019)
- Member, Tenure and promotion committee, 2 files reviewed (2019)

College of Sustainability

- Member, Limited Term Appointment (LTA) hiring committee (2023)
- Ethics Review Committee Member (2019 - Present)
- Chair, Research Strategy Workgroup (2019 - Present)
- Member, Field Course Development Workgroup (2019 - 2021)
- Member, Graduate Certificate Workgroup (2019 - 2021)
- Chair, 50% reappointment committee (2020)

Other Academic Committees

- Member, Ocean Frontiers Institute (OFI) Scientific Committee (2020-present)