

Curriculum Vitae: Elaine Ho PMP, MES, Hons. BES, Dip. EIA

PhD Candidate, Social and Ecological Sustainability (Integrated Water Management)

Email	Phone	Location
e23ho@uwaterloo.ca	416-831-8717	Ayr, Ontario, Canada

EDUCATION

- 2016-2020 **PhD** [in progress], Social and Ecological Sustainability (Integrated Water Management), University of Waterloo. Cumulative GPA: 90.20%.
 Dissertation: *A monitoring-management framework in support of cumulative effects assessment for the lower Grand River watershed and nearshore Lake Erie* (A Global Water Futures [Lake Futures] Project) – www.GrandErieStudy.ca
 Supervisors: Dr. Simon Courtenay and Dr. Andrew Trant
 Affiliations: The Water Institute and Canadian Rivers Institute
- 2018-2020 **Certificate in University Teaching**, Centre for Teaching Excellence and Graduate Studies and Postdoctoral Affairs, University of Waterloo.
- 2011-2013 **Master of Environmental Studies**, Environment and Resource Studies, University of Waterloo. Cumulative GPA: 84.6%.
 Thesis: *Mapping Youth-led Engagement: Impacts of Youth-led Engagement in English Canada over the Last 35 Years*
 Supervisor: Dr. Amelia Clarke
- 2009-2011 **Diploma in Environmental Impact Assessment**, University of Waterloo
- 2008-2011 **Honours Bachelor of Environmental Studies**, Environment and Resource Studies, University of Waterloo. GPA: Cumulative 84.97%, Major 87.25%.
 Thesis Part 1: *Monitoring mudpuppy behaviours in an artificial environment - Observations of mudpuppy denning activities and other behaviours*
 Thesis Part 2: *Conserving a species by accessing its host - Potential to expand the range of *Simpsonia* *ambigua* into known *Necturus maculosus* habitats and range*
 Supervisor: Dr. Stephen Murphy

RESEARCH EXPERIENCE (PAID, ACADEMIC)

- 2015 **Research Assistant**, commercialization potential of geoexchange technology in urban Ontario, Dr. Seth Dworkin, Ryerson University
- 2010 **Intern**, Environmental Studies Association of Canada, *Alternatives Journal*, Waterloo, Ontario
- 2009 **Researcher (contract)**, SWITCH, the Solar and Wind Initiatives Toward Change, Toronto, Ontario

Publications

- Ho, E.** 2018. Criteria-based ranking (CBR): A comprehensive process for selecting and prioritizing monitoring indicators. *MethodsX*, 5: 1234-1329.
- Ho, E., Eger, S., and Courtenay, S.** 2018. Assessing current monitoring indicators and reporting for cumulative effects integration: A case study in Muskoka, Ontario, Canada. *Ecological Indicators*, 95: 862-876.
- Ho, E., Clarke, A., and Dougherty, I.** 2015. Youth-led social change: Topics, engagement types, organizational types, strategies, and impacts. *Futures*, 67: 52-62.

Submitted manuscripts

- Ho, E., Trant, A. J., Gray, M., and Courtenay, S. C.** [Submitted February 14, 2020]. Comparative review of freshwater monitoring approaches: strengths, opportunities and recommendations. Submitted to *Environmental Monitoring and Assessment*.

Manuscripts in progress

- Ho, E., Khan, A., and Mullally, S.** [Est. submission April 2020]. Systems thinking, the ecosystem approach, and cumulative effects: what they mean for water monitoring and watershed management. [Journal TBD].
- Ho, E.,** [co-authors currently being finalized]. [Est. submission May 2020]. Arts, science, management and culture: art tours as a method for achieving social-ecological goals. To be submitted to *Ecology and Society*.
- Ho, E.,** [co-authors currently being finalized]. [Est. submission May 2020]. Why engagement matters: Canadian and Indigenous collaborative knowledge creation for freshwater monitoring and management. To be submitted to *Canadian Water Resources Journal*.
- Ho, E.,** [co-authors currently being finalized]. Water monitoring and management considerate of cumulative effects: A framework from Grand River Watershed (Ontario, Canada). To be submitted to *Journal of Great Lakes Research*.
- Ho, E., Schueler, F., and Karstad, A.** [Est. Submission Winter 2021]. Exploring new frontiers: Applying the Ecological Land Classification framework to consider assisted colonization of *Simpsonias ambigua*, and observations of host *Necturus maculosus*, in Kemptville Creek, Ontario, Canada. [Journal TBD].

Reports

- Ho, E.,** Eger, S., and Courtenay, S. 2016. *Building Stronger Social and Ecological Communities in the Muskoka Watershed – Report Summary*. Newsletter submitted to the Muskoka Watershed Council in April 2016.
- Ho, E.,** Eger, S. [Ed.], and Courtenay, S [Ed.]. 2016. *Communications Brief: A Review of the Muskoka Watershed Council Report Cards*. Report submitted to the Muskoka Watershed Council April 10, 2016.
- Ho, E.,** Eger, S., and Courtenay, S. 2016. *Building Stronger Social and Ecological Communities in the Muskoka Watershed*. Report submitted to the Muskoka Watershed Council March 29, 2016.
- Ho, E.** 2015. *Geoexchange System Commercialization Potential in Urban Settings (Ontario, Canada)*. Research report submitted to the Toronto Atmospheric Fund.
- Richardson, K., Vacing, A., Bree, M., Mongroo, N., and **Ho, E.** 2010. *Options for Repairing the Living Wall at the Waterloo Region (formerly Kitchener Children’s) Museum*. Student consulting report for ERS 275 – Special Readings course. Submitted to Dr. Stephen Murphy and the Kitchener Children’s Museum on July 28, 2010.

Presentations

- Ho, E.,** *Arts and Water*. Public artist information session for Great Art for Great Lakes – the Great Lakes Project (Waterlution), Port Rowan, Ontario, February 27, 2020.
- Ho, E.,** *Addressing inclusivity and long-term social relevance of environmental monitoring, management and research: Lessons from the Muskoka River and Grand River Watershed*. Long Point World Biosphere Reserve Foundation 7th Annual Research & Conservation Conference, Simcoe, Ontario, November 8, 2019.
- Ho, E.,** *Connecting water monitoring and management in the lower Grand River and nearshore Lake Erie*. Presentation to the Water, Wastewater and Compliance group at Haldimand County, Caledonia, Ontario, October 25, 2019.
- Ho, E.,** *About your local water*. Public introductory presentation during a workshop of Great Art for Great Lakes – the Great Lakes Project (Waterlution), Norfolk County, Ontario, August 14, 2019.
- Ho, E.,** *About your local water*. Public introductory presentation during a workshop of Great Art for Great Lakes – the Great Lakes Project (Waterlution), Dunnville, Ontario, July 6, 2019.
- Ho, E.,** *Meaningful engagement and equity considerations in co-created research and action*. Invited panel presentation at Canadian Association for the Study of International Development conference, CONGRESS 2019. Vancouver, British Columbia, June 6, 2019.
- Ho, E.,** Courtenay, S. C., and Trant, A. J. *A shared resource: Shared spaces, accessibility and collaboration in freshwater monitoring & management*. Environmental Studies Association of Canada conference, CONGRESS 2019. Vancouver, British Columbia, June 4, 2019.
- Ho, E.,** Courtenay, S. C., and Trant, A. J. *Collaborative Approaches for Redefining Aquatic Monitoring: a Case Study in Grand River Watershed, ON*. Canadian Water Resources Association National Conference. Collingwood, Ontario, May 28, 2019.

- Ho, E.,** Courtenay, S. C., and Trant, A. J. *Comparative Review of Freshwater Monitoring Approaches: The Road to Inclusivity and Consideration of Cumulative Effects*. Global Water Futures 2nd Annual Science Meeting. Saskatoon, Saskatchewan, May 16, 2019.
- Ho, E.,** A. Trant, M. Servos, N. Basu and S. Courtenay. 2018. *Rethinking the framework: consideration of cumulative effects in (bio)monitoring in the lower Grand River and nearshore Lake Erie*. Grand River Fisheries Management Plan Implementation Committee meeting, Invited platform presentation, Grand River Conservation Authority Headquarters, Cambridge ON. May 2, 2018.
- Ho, E.,** Eger, S, and Courtenay, S. *Monitoring and Reporting in Canadian Watersheds: Recommendations from a Muskoka, Ontario Case Study*. South Nation Conservation, Finch, Ontario. February 7, 2017.
- Ho, E.** *Commercializing Geothermal Systems in Urban Settings*. 3rd International Symposium on Corporate Social Responsibility & Sustainable Development. Ryerson University, Toronto, Ontario. June 8, 2015.
- Ho, E.** *Mapping Youth-led Engagement: Understanding Impacts of Youth-led Engagement in Canada over the Last 35 Years*. Congress of the Humanities and Social Sciences, theme “@ the edge”, University of Victoria, Victoria, British Columbia. June 3, 2013.

Posters

- Ho, E.,** Courtenay, S. C., and Trant, A. J. *Monitoring in the Grand-Erie Interface: a framework in consideration of cumulative effects*. UW Research Spotlight, October 9, 2019.
- Ho, E.,** Courtenay, S. C., and Trant, A. J. *Comparative Review of Freshwater Monitoring Approaches: The Road to Inclusivity and Consideration of Cumulative Effects*. Global Water Futures 2nd Annual Science Meeting. Saskatoon, Saskatchewan, May 15-17, 2019.
- Ho, E.,** Courtenay, S., and Trant, A. 2018. *Comparative review of freshwater monitoring approaches towards consideration of cumulative effects*. Global Water Futures stakeholder meeting, December 5, 2018, Waterloo, Ontario.
- Ho, E.,** Courtenay, S., and Trant, A. 2018. *Comparative review of freshwater monitoring approaches towards consideration of cumulative effects*. McMaster University World Water Week conference, November 20, 2018, Hamilton, Ontario.
- Ho, E.,** *Water monitoring and decision making in Ontario, Canada: a systems approach to understanding processes, feedbacks, and implications*, Elsevier 4th International Water Research Conference: The Role of Water Technology Innovation in the Blue Economy, September 12, 2017, Kitchener, Ontario.
- Ho, E.,** *Integrating water monitoring and management in Ontario, Canada: A systems approach to understanding processes, feedbacks, and implications*. Ontario Climate Consortium Symposium, York University, Toronto, Ontario. May 11-12, 2017.
- Ho, E.,** Eger, S., and Courtenay, S. *A resilient watershed: applying an integrative and adaptive approach to a long-term management of the Muskoka Watershed*. McMaster Water Week Student Presentations, Hamilton, Ontario. October 28, 2016.
- Ho, E.,** Eger, S., and Courtenay, S. *A Resilient Watershed: Applying a Systems-based Approach to Long-term Management of the Muskoka Watershed in Consideration of an Uncertain Climate Future* [Poster Presentation]. Muskoka Summit on the Environment – Solutions for a Warming World (‘Warming World Summit’), Bracebridge, Ontario. May 27, 2016.

Workshops and facilitation

Ho, E., and Alimi, A. Photography basics and storytelling: photojournalism, documentary and street photography. Oshweken, Ontario. January 20, 2020.

Ho, E., and Alimi, A. *Photojournalism: Your Story in a Photo*. The Carolinian Café, Cayuga, Ontario. July 13, 2019.

Ho, E., Eger, S., and Courtenay, S. *Preparing for climate change in Muskoka: strengthening Watershed monitoring and reporting in a changing future MWC Report Cards review - a walkthrough*. Muskoka Watershed Council, Bracebridge, Ontario. August 5, 2016.

Event organizing

2020 *Grand Expressions*. Water-themed art tour (artwork by youth from Six Nations of the Grand River), various locations, Ontario, March 2-June 19.
Role: Organizer, co-organized with Richelle Miller (Music for the Spirit & Indigenous Visual Arts).

2020 *Youth art camp*. Young Indigenous artists from Six Nations of the Grand River, participating through Music for the Spirit & Indigenous Visual Arts, worked on their creations and received guidance on their art plans, while their parents engaged with us regarding the research. Youth also enjoyed peer mentoring and time dedicated to personal expression. Oshweken, Ontario, February 15, 2020, from 10am to 4pm.

Other

Ho, E., and Miller, R. (Eds). 2020. *Grand Expressions Self-guided Tour*. Virtual tour for *Grand Expressions* art exhibit, online: <https://www.granderiestudy.ca/tour>

Ho, E., *Summary of results: GAGL Feedback Forms*. Summary report of findings from the 2019 Great Art for Great Lakes program (public questionnaire). Ayr, Ontario, February 9, 2020. Online: https://6ff4e7e4-cc7a-4c33-9790-a58aef3bc978.filesusr.com/ugd/536b70_0866794f920b419baec1e73a67d57da0.pdf

Ho, E., Every drop of this river is another good, good day. SERS Stories, School of Environment, Resources and Sustainability, University of Waterloo, online: <https://uwaterloo.ca/environment-resources-and-sustainability/blog/post/sers-stories-every-drop-river-another-good-good-day>

Ho, E., *Interview with Elaine Ho about Youth Led Engagement, Water Quality, the UN SDGs and more!* [Audio interview]. Eco Cast, Waterloo, Ontario, October 21, 2018. Online: <https://www.theecomarket.org/podcast/elaineho>. Length: 38:56.

Professional development training

2015 Certified Systems Thinker, Udemy course taught by Gene Bellinger

2015 The Data Scientist's Toolbox, Coursera course taught by J. Leek, Dr. R. D. Peng, Dr. B. Caffo, Johns Hopkins University

TEACHING EXPERIENCE

- 2020 **Sessional Instructor**, University of Waterloo: Spring term offering of ENVS 200 – Field Ecology (Faculty-wide mandatory second-year course), online
- 2011-2019 **Teaching Assistant**, University of Waterloo
Non-course: Entrepreneurship at Environment – faculty-level internship-type position developing and growing engagement within the various entrepreneurship initiatives associated with the faculty (Spring 2018).
Courses: ERS 110 - Environmental Analysis 1 (Fall '11); ERS 215 - Environmental Assessment 1 (Winter '12); ENVS 195 - Intro to Environmental Studies (Winter '13); GEOG 203 – Environment & Development in a Global Perspective (Spring 2013); ERS 215 - Environmental and Sustainability Assessment I (Winter '16 and '18); ERS 283 - Ontario Natural History (field course, Spring '16, '17, and '19); ENVS 200 - Field Ecology (Fall '16); ENVS 178 – Introduction to Environmental Research Methods [stats] (Winter '17); GEOG 474/GEOG 694 – Transforming Canadian Resource Management (Winter '19 and '20)
- 2015-2016 **GreenLearning Associate (Ontario)**, GreenLearning Canada Foundation, North York and other locations in Ontario
- 2015 **Teaching Assistant**, Ryerson University
Courses: GEO802 - Geography of Rec & Leisure (Winter '15); BLG143 - Biology 1 (Fall '15); BLG401 - Ecotoxicology (Fall '15)
- 2003-2012 **Head Instructor**, Summit Karate Schools Inc., Toronto, Ontario
- Guest lectures (university level)**
- 2019 **Ho, E.** [no title]. Panel presentation, panel titled *Transdisciplinary Environmental Research to Create Change and You*. Short lecture to class of ERS 101 – Issue Analysis and Problem Solving for Environmental Studies 2, University of Waterloo, March 12, 2019.
- 2018 **Ho, E.** *Sustainable business: Backcasting and forward thinking*. Lecture to class of ENBUS 407 – Corporate Sustainability Accounting and Reporting, University of Waterloo, November 15, 2018.
- 2018 **Ho, E.** *Natural Resource Management – A Water Spotlight*. Lecture to class of ERS 202 – Natural Resource Ecology, University of Waterloo, October 30, 2018.

- 2018 **Ho, E.** *Case Study: Riverside Dam [Part 1] and Identifying and refining VECs and indicators [Part 2]*. Lecture to class of ERS 215 – Environmental and Sustainability Assessment, University of Waterloo, May 28, 2018.
- 2018 **Ho, E.** *Creating opportunities to affect change*. Lecture to class of ERS 101 – Issue Analysis and Problem Solving for Environmental Studies 2, University of Waterloo, March 20, 2018.
- 2017 **Ho, E.**, and Barbeau, C. *Randomness in Research [Part 1]*, and *Stats in Social Sciences [Part 2]*. Lecture to class of ENV5 178 – Introduction to Environmental Research Methods [stats], University of Waterloo, March 9, 2017.
- 2015 **Ho, E.**, Clarke, A., and Dougherty, I. *Mapping Youth-led Engagement: Understanding Impacts of Youth-led Engagement in English Canada over the Last 35 Years Agenda*. Guest lecture in ES8930 Seminar: Environmental Applied Science and Management, Ryerson University, September 15, 2015.

Workshop facilitation

- Ho, E.**, and Eger, S. 2019. *Enhancing engagement in Canadian water management: Involvement and collaboration with a broad range of stakeholders and authorities*. Canadian Water Resources Association National Conference. Collingwood, Ontario, May 26, 2019.
- Ho, E.** *Recycling in Toronto*. An introduction to Toronto's recycling program for new immigrant and ESL adults. York Weston Community Services Centre, Toronto, Ontario. 2010.
- Ho, E.** *Introductory seminar on ecology, with civics activity*. Curriculum-based workshop to a grade 4/5 class at Finch Elementary School, Toronto, Ontario. 2007.

Professional development training

- 2016-2018 Fundamentals of University Teaching program, University of Waterloo
- 2015 Climate Reality Leadership Corps training [competitive], Al Gore and the Climate Reality Project, July 9-10, 2015
- 2009 Redfish School of Change [competitive], various locations, British Columbia, May 18-June 26, 2009, led by University of Victoria and Pearson College

Teaching documents (post-secondary)

- 2016 *ENVS 200 Field Activities – Conservation Ecology & our Urban Environment*. Lesson plan for lab (3hrs) in ENVS 200 - Field Ecology, December 2016.
- 2010 *Mitigation Versus Adaptation*. Teaching aide for Dr. Esmat Zaidan, ERS 203 - Environment and Development in a Global Perspective. May 2010.
- 2010 *Summary points from COP15: Copenhagen 2009 (Intro to UNFCCC's COP/MOP)*. Teaching aide for Dr. Esmat Zaidan, ERS 203 - Environment and Development in a Global Perspective. May 2010

PROFESSIONAL EXPERIENCE

2018-present	Director , Training and Consulting, Synergy Sustainability and Development Group, Waterloo, Ontario
2016-present	Founder/Lead Consultant , TRIECO Research & Consulting, Ayr, Ontario
2017-2018	Practice Manager , North Dumfries Dentistry, Ayr, Ontario
2016-2017	Marketing Manager and Sustainability Officer , RWH Engineering Inc. (HC Group), Ayr, Ontario
2014-2016	Sustainability Associate and Facilitator , HC TISS Inc. (HC Group), Ayr, Ontario
2013-2016	Director , Best Bites Inc., North York, Ontario
2013-2016	Owner , Best Friend Pet Services, North York, Ontario
2012-2014	Bookkeeper/Accounting Clerk (NOC1431) , Dr. Philipp Varelis, BSC, CGA, CPA, MBA, PHD, Toronto and Scarborough, Ontario
2011	Statistician , Toronto Port Authority (Billy Bishop Airport), Toronto, Ontario
2009-2010	Youth Engagement Coordinator (Co-op) , GreenLearning Canada Foundation, Toronto, Ontario
2006-2009	Wildlife Care Staff (Co-op, seasonal)/Rouge Park Staff , Toronto Wildlife Centre, Toronto, Ontario
2006	Ontario Stewardship Ranger (Summer Student Position) – Kleinburg Crew , Ontario Ministry of Natural Resources, Aurora, Ontario

Reports

Ho, E. and Runnalls, J. 2018. *Blueprint: Generation SDG*. Waterloo Global Science Initiative. Waterloo Global Science Initiative, online: http://wgsi.org/sites/wgsi-live.pi.local/files/GenerationSDG-Blueprint-WGSI_2018.pdf

Ho, E. and Runnalls, J. 2018. *Generation SDG: Empowering Canadians through Sustainable Development – Communiqué*. Waterloo Global Science Initiative, online: http://wgsi.org/sites/wgsi-live.pi.local/files/WGSI_GenerationSDG-webCommunique_2018.pdf

Charron, M., and **Ho, E.** 2017. *Will Canada meet its emissions reduction commitments made in Paris?* BC Business, February 6, 2017. Accessed from <https://www.bcbusiness.ca/Will-Canada-meet-its-emissions-reduction-commitments-made-in-Paris>.

Presentations

Ho, E. [no title]. *A Future fit for Girls & Women: Why the SDGs matter for gender equality*. Panel at Women Deliver conference 2019, Vancouver, British Columbia, June 5, 2019.

Runnalls, J. [Moderator], Biggs, M., **Ho, E.**, Healy, B., and Weinlick, B. [Panelists]. *Generation SDG Blueprint Launch*. Panel at Together 2018: Collaboration, Innovation, and the Sustainable Development Goals. Edmonton, Alberta, November 5, 2018.¹

Rutherford, H., **Ho, E.**, and Pearce, K. [Panelists]. *Catalyzing Collective Action: What the United Nations Sustainable Development Goals mean for the Region of Waterloo* [panel

¹ Recording of the panel: <https://www.youtube.com/watch?v=M7OeGl6zxso&t=8960s> (starts at 2:01:40)

discussion]. Speaker Showcase at The Eco Market Fall Showcase, Waterloo, Ontario, October 26, 2018.

Ho, E. *Making Sense of Sustainability*. Rotary Club of Cambridge (Preston-Hespeler), Cambridge, Ontario. August 21, 2014.

Ho, E. *Swimming against the current: introducing The Redfish School of Change*. Knowledge Integration seminar series, University of Waterloo, Waterloo, Ontario. October 16, 2009.

Workshops and facilitation

Blackwell, J., Tjebbes, A., McMillan, B., Wright, J, Ruthorford, H., and **Ho, E.**. 2018. *How to Change the World*. Programming at Together 2018 conference. November 4-6, 2018, University of Alberta, Edmonton, Alberta.

Ho, E., and Braun, G [Co-facilitators/Catalysts]. 2017. *SDG 6* [breakout group]. Wilfrid Laurier University's United Nations Sustainable Development Goals (SDGs) Youth Training. November 18, 2017, Wilfrid Laurier University, Waterloo, Ontario.

Professional development training

2015 General Nutrition 301, Certified Canine Nutritionist program, Companion Animal Sciences Institute, June-July 2015

2013 PMP® Exam Prep (35hrs), Sixth Demension Learning Inc

2012 Level 1 Sustainability Course: Foundations in Sustainability, The Natural Step, June 12, 2012

HONOURS, AWARDS, AND FUNDING

2020	University of Waterloo President's Scholarship [competitive – awarded alongside OGS]	\$5,000
2020	Ontario Graduate Scholarship (OGS) [competitive]	\$15,000
2019	Our Water – Our Life – The Most Valuable Resource [competitive award by Canadian Water Resources Association, awarded to young professional based on research paper and presentation at National Conference]	\$500
2019	University of Waterloo Graduate Scholarship	\$3,250
2019	Environmental Studies Graduate Experience Award	\$3,000
2018-2019	University of Waterloo Graduate Research Studentships	\$20,900
2018-2019	Ontario Graduate Scholarship (OGS) [competitive]	\$15,000
2018-2019	University of Waterloo President's Scholarship [competitive – awarded alongside OGS]	\$5,000
2018-2019	Faculty of Environment Graduate funding top-up	\$2,200
2018	Environmental Studies Graduate Experience Award	\$5,000
2017-2018	University of Waterloo Graduate Research Studentship	\$14,216
2017	University of Waterloo Graduate Scholarship	\$3,800
2017	Environmental Studies Graduate Experience Award	\$3,750
2016	Environmental Studies Graduate Experience Award	\$6,250
2016	University of Waterloo Graduate Scholarship	\$4,000
2015	Ryerson Graduate Fellowship	\$8,000

2014	Ryerson Graduate Fellowship	\$13,000
2013	Environmental Studies Graduate Experience Award	\$2,000
2013	Ontario Graduate Scholarship (OGS) [competitive]	\$15,000
2013	University of Waterloo President's Scholarship [competitive – awarded alongside OGS]	\$10,000
2013	University of Waterloo Graduate Scholarship	\$1,000
2012	Environmental Studies Graduate Experience Award	\$2,000
2012	Ontario Graduate Fellowship	\$2,000
2012	ENV Senate Graduate Scholarship	\$500
2012	Maasai name – “Reto” (given by Maasai elders of Memiri Losho Villiage, as symbol of adoption into community)	N/A
2011	Dean's Honours List (top 20% students)	N/A
2011	Environmental Studies Graduate Experience Award	\$2,000
2011	University of Waterloo Graduate Entrance Scholarship	\$1,000
2011	University of Waterloo Bursary	\$600
2009	University of Waterloo Bursary	\$800
2008	University of Waterloo Merit Scholarship	\$1,000
2008	University of Waterloo Bursary	\$600
2008	Gerald J. Laurendau Memorial Scholarship, Toronto Steamship Association [competitive]	\$4,000

VOLUNTEER EXPERIENCE

2019-2021	Representative for Women's constituency , Facilitation Group, Action for Sustainable Development [internationally-elected]
2018-2020	Student Leadership Committee (University of Waterloo Representative) , Canadian Rivers Institute
2016-2017	Advisor , Fragile Inheritance, Kemptville, Ontario
2016-2017	Kitchen volunteer , The Bridges Shelter, Cambridge Shelter Corporation, Cambridge, Ontario
2012-2015	Project Lead , Memiri Losho Cultural Village (Maasai), Losho, Kenya
2016	Mentor , The Natural Step IMPACT! Mentorship Program, Waterloo, Ontario
2016	Student Exhibitor , The Water Institute, Latornell Conservation Symposium, November 15, 2016, Alliston, Ontario
2016	Cohort Leader , retreat for incoming cohort of the Collaborative Water Program, October, 2016, Waterloo, Ontario
2015	Program Manager , Pueblo Science summer camp, August 3-7, 2015, Toronto, Ontario
2015	Venue Response Team , Aviva Centre (Tennis Canada), Toronto 2015 Pan Am Games, July 10-26, 2015, Toronto, Ontario
2015	Student moderator , Ryerson University Faculty Conference, theme 'Tomorrow's Classroom', May 21, 2015, Toronto, Ontario

- 2015 **Zone Manager**, Science Rendezvous – Toronto Science Chase, May 9, 2015, Toronto, Ontario
- 2013 **Board Director**, Osim Le Maa (Maa People’s Initiative), Kenya
- 2012-2013 **Youth Advisor**, Canadian Solar Industries Association – Youth Advisory Panel, Toronto, Ontario
- 2012-2013 **Youth Advisor**, Y Act Up National Advisory Group – YWCA, Toronto, Ontario
- 2006-2011 **Founder/Director/Mentor**, the Solar and Wind Initiatives Towards Change (SWITCH), student non-profit at William Lyon Mackenzie C.I., Toronto District School Board, Toronto, Ontario

Presentations

- Ho, E.** *Plastics in the Region of Waterloo: What is the problem and what can we do?* Plastics in Waterloo Region and *Albatross* film screening, University of Waterloo, Waterloo, Ontario, July 25, 2018.
- Ho, E.** *The Sustainable Development Goals. ‘Big IDEA’* presentation, IDEAS summer program for international youth, University of Waterloo, Waterloo, Ontario. July 15, 2018.
- Ho, E.** *Accountability and improving MGoS participation in SDG implementation.* Intervention at *Stakeholder Engagement in the High Level Political Forum and its review in 2019*, a Side Event of the 2018 High-level Political Forum organized by United Nations Department of Economic and Social Affairs and the Major Groups and Other Stakeholders, United Nations Headquarters, New York City, New York, July 9, 2018.^{2,3,4}
- Ho, E.** *My Student Entrepreneurial Story* [panel discussion]. Entrepreneurship at Environment event series, University of Waterloo, Waterloo, Ontario, June 21, 2018.
- Ho, E.** *Water in Maasai Land: the Human Issue.* Environmental Leadership Camp at the Kitchener Children's Museum (renamed Waterloo Regional Museum), Kitchener, Ontario, Canada. April 20, 2013.
- Ho, E., and King, D.** *An introduction to SWITCH, the Solar and Wind Initiatives Towards Change.* Destiny Quebec 10th Annual Conference. April 21, 2008.

Event organizing

- 2018 *Plastics in Waterloo Region – Albatross film screening.* Free public event, University of Waterloo, Waterloo, Ontario, July 25, 2018. Est. attendance: 30.
Role: Organizer.
Speakers: Elaine Ho (self), Kara Cox (recent MES graduate) and Andrea Bale (University of Waterloo Sustainability)

² A copy of the intervention is at https://uwaterloo.ca/lake-futures/sites/ca.lake-futures/files/uploads/files/hlpf_intervention_elaine_ho.pdf

³ Event recording available at United Nations TV: <http://webtv.un.org/search/stakeholder-engagement-in-the-high-level-political-forum-2018-hlpf-and-its-review-in-2019/5807202389001/?term=&lan=english>

⁴ Lake Futures research group article featuring Elaine’s engagement with HLPF 2018: <https://uwaterloo.ca/lake-futures/news/elaine-attends-high-level-political-forum-united-nations>

- 2015 *Environmental Optimism and Pessimism: Finding the Balance for a Sustainable Future*, EnSciMan PhD Symposium, Ryerson University, September 17, 2015, Toronto, Ontario. Est. attendance: 100.
Role: leading team member.
Speakers: Bob Willard (Future-Fit Business Benchmark), Elaine MacDonald (EcoJustice), Ron Plain (Aamjiwnaang First Nation), Theresa MacCleneghan (CELA), Dr. Brad Werner, Martin Halliwell (HC Group), and Ric Young (The Boldness Project).
- 2007 *SWITCH it Up!*, inaugural conference for Solar and Wind Initiative Towards Change, William Lyon Mackenzie C.I. (Toronto District School Board), Toronto, Ontario, April 17, 2007, Toronto, Ontario. Est. attendance 250.
Role: Head Organizer, Team Coordinator.
Speakers: Dr. David Suzuki (David Suzuki Foundation), Steven Page (Barenaked Ladies), Gord Perks (City Councilor), Frank de Jong (Green Party of Ontario), James Pasternak (Toronto District School Board), and Assaaf Weisz (Project Equity).

Professional development training

- 2012 The Natural Step Canada's IMPACT! Sustainability Champions Training Program for Emerging Leaders [competitive], March 22-23, 2012

CURRENT AFFILIATIONS

- 2017-present Global Water Futures (Lake Futures project)
 2016-present The Water Institute (at University of Waterloo)
 2016-present Canadian Rivers Institute
 2015-present Climate Reality Leadership Corps
 2014-present Project Management Institute

CERTIFICATES, DESIGNATIONS, LICENSES

- 2019 Pleasure Craft Operator Card
 2018 Firearms Possession and Acquisition Licence (Restricted and Non-restricted)
 2014 Project Management Professional (PMP®), Project Management Institute
 2011 Ecological Land Classification, University of Waterloo and Ontario Ministry of Natural Resources
 2008 Service Excellence Certificate, Ontario Tourism Education Corporation

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