

# Tarah Wright, PhD

**Professor, Earth and Environmental Sciences**  
**Director, Education for Sustainability Research Group**

## Contact

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## 👤 Biography

Tarah Wright is Professor in the Department of Earth and Environmental Sciences and Director of the Education for Sustainability Research Group at Dalhousie University. Her research is focused in the emerging field of education for sustainable development (ESD), with specific emphasis on bioaffinity and nature exposure, sustainability in higher education, and the role of The Arts in influencing cultural norms, encouraging pro-environmental behavior, and providing drivers for the creation of a sustainable future. Tarah and her family make their home in the city of Halifax, the ancestral and unceded territory of the Mi'kmaq People, in the Acadian Forest Bioregion, at the edge of the Atlantic Ocean.

## 🎓 Education

1998-2001 ● Doctor of Philosophy  
University of Alberta

1996-1998 ● Master of Environmental Studies  
Dalhousie University

1992-1996 ● Bachelor of Environmental Studies  
University of Waterloo

## 💼 Employment

Assistant Professor  
Dalhousie University  
Director of Environmental  
Science

2001      2007      2008      2014

Associate Professor

Associate Director  
College of Sustainability

Full Professor  
Environmental Science

## ✂️ Accomplishments to date

**73**

Peer-reviewed  
publications

**13**

Honours and citations

**\$13 million +**

Research funding

**83**

Students  
supervised

**6**

International  
collaborations

**4289**

Citations

**28**

h-index

**44**

i-10 index

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## Education

- 1998-2001 **Doctor of Philosophy** (Department of Biological Sciences, Faculty of Science and Educational Policy Studies, Faculty of Education), University of Alberta
- Dissertation: *Policy, Change, and Environmental Sustainability in the University*  
Co-Supervisors: Dr. Carolyn Kreber, Dr. Paula Brooke, Dr. John Hoddinot
- 1996-1998 **Master of Environmental Studies**, School for Resource and Environmental Studies, Dalhousie University
- Thesis: *A Case Study of Community Based Coastal Zone Management in Queensland Australia.*  
Supervisor: Dr. Larry Hildebrand
- 1992-1994 **Bachelor of Environment and Resource Studies**, University of Waterloo
- Thesis: *Exploring the Natural and Anthropogenic Causes of Coral Reef Bleaching in Belize*  
Supervisor: Dr. George Francis

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## Continuing Education

- 2022
- Mental Health First Aid 2 Day Workshop, Mental Health Commission of Canada
- 2021
- Global Skills Opportunity, Canada's International Education Strategy, Universities Canada
  - Collaborative Online Intercultural/International Learning Workshop, Employment and Social Development Canada
  - Leadercamp Seizing the Upside of Turbulence
  - Embracing Allyship Leadercamp
  - Leading Inclusively Leadercamp
  - Equity, Diversity and Inclusion Leadercamp
    - Removing Systemic Bias from Organizational Culture
    - Advancing Meaningful Diversity in the Workplace
    - Truth, Hope, and Equity in a Disrupted World
- 2020
- The Art of Delegation, Dalhousie University Professional Development Seminar
  - Shifting Educational Practices in a Pandemic: Exploring Synchronous Design and Assessment
  - Going Online in STEM and the Health Sciences, Dalhousie University Professional Development Seminar
- 2019
- Coaching Foundations, Dalhousie University Professional Seminar
- 2017
- Introduction to Using Brightspace, Dalhousie University Seminar
  - Brightspace Portfolio for Instructors, Dalhousie University Seminar
  - Brightspace Content Tools for Instructors, Dalhousie University Seminar

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## Professional Memberships

- 2018 - **Member**, IUCN Commission on Education and Communication  
2011 - **Founding Member**, Sustainability and Education Policy Network  
2001 - **Member**, Canadian Consortium for Sustainable Development Research  
2000 - **Member**, Environmental Studies Association of Canada  
1998 - **Member**, University Leaders for a Sustainable Future

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## Employment

- 2018 - **Professor and Coordinator of Environmental Science**, Department of Earth and Environmental Sciences, Faculty of Science, Dalhousie University
- 2014 - 2018 **Professor**, Environmental Science Program, Faculty of Science, Dalhousie University
- 2014 - 2018 **Professor, Cross-Appointments**
- College of Sustainability, Dalhousie University
  - International Development Studies, Faculty of Arts, Dalhousie University
  - School of Planning, Faculty of Architecture and Planning, Dalhousie University
  - School for Resource and Environmental Studies, Faculty of Management, Dalhousie University
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- 2007 - 2014 **Associate Professor**, Environmental Programs, Faculty of Science, Dalhousie University
- 2008 - 2010 **Associate Director (undergraduate)**, College of Sustainability, Dalhousie University
- 2007 - 2014 **Associate Professor, Cross-Appointments**
- International Development Studies, Faculty of Arts, Dalhousie University
  - School of Planning, Faculty of Architecture and Planning, Dalhousie University
  - School for Resource and Environmental Studies, Faculty of Management, Dalhousie University
- 2001 - 2007 **Assistant Professor and Director of Environmental Science**, Environmental Science Program, Faculty of Science, Dalhousie University
- 2001 - 2007 **Assistant Professor, Cross-Appointments**
- International Development Studies, Faculty of Arts, Dalhousie University
  - School of Planning, Faculty of Architecture and Planning, Dalhousie University
  - School for Resource and Environmental Studies, Faculty of Management, Dalhousie University
- 1998 - 2001 **Lecturer**, Social and Environmental Studies, Athabasca University
- 1998 - 2000 **Sessional Instructor**, Faculty of Arts and Science, MacEwan University

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## Citations & Honours

- 2020 **International Award for Excellence**, The Arts in Society Journal Collection
- 2020 **Invited Co-Curator**, National Arts Centre, Final Cycle: Climate Change
- 2019 **Invitational Research Fellowship Award**, Japan Society for the Promotion of Science
- 2015 **Award for Sustainable Canada Dialogues Project**, Clean 50 Top 15 Project, Delta Management and the Globe and Mail
- 2014 **Highly Commended Paper Award**, Emerald Literari Network
- 2014 **Executive Fellowship Award**, Australian Endeavour Foundation
- 2013 **Highly Commended Paper Award**, Emerald Literari Network
- 2011 **Science Champion Award**, Discovery Centre Halifax
- 2010 **Publisher's Choice Award**, Emerald Literari Network
- 2010 **Shortlisted Candidate**, Caldwell Partnership's Top 40 Under 20 Award
- 2008 - 2010 **Teaching Excellence Award Finalist**, Faculty of Science
- 2004, 2005, 2007, 2008, 2010, 2015, 2019 **Faculty Mentor Award**, Dalhousie Academic All-Canadian Award Program
- 2005, 2007, 2009, 2014 **Excellence in Teaching Award**, Environmental Programs Student Society
- 2001-2002 **Excellence in Environmental Science Teaching**, John and Patricia Schlosser Foundation

## Research Support

	<b>Total Funding</b> (to date):	<b>\$14,123,179</b>
	<ul style="list-style-type: none"> <li>• <i>Funding as Co-Applicant / Co-PI / Co-Investigator</i></li> <li>• <i>Funding as PI:</i></li> </ul>	\$12,313,084 \$810,095
2021-2022	<b>MITACS Accelerate Grant</b> Wright, T. (Applicant)	<b>\$28,000</b>
	<i>Researchers in Residence: Arts Civil Impact</i>	
2020-2021	<b>Queen Elizabeth Scholars Funding</b> Wright, T. (Co-Applicant), Murphy, C. (Co-Applicant)	<b>\$300,000</b>
	<i>Global Perspective on Sustainability Through Education in the Bahamas</i>	
2020-2021	<b>Japan Society for the Promotion of Science</b> Wright, T. (PI)	<b>\$14,000</b>
	<i>Building a Global Arts and Sustainability Research Network</i>	
2019-2025	<b>Ocean Frontier Institute</b> Moro, L, (PI), Finnis, J. (PI), Ramos, H (Co-Investigator), Stoddart, M (Co-Investigator), Foster, K. (Co-Investigator), Ylä-Antilla, T (Co-Investigator), Wright, T.(Co-Investigator)	<b>\$5,011,298</b>
	<i>Future Ocean and Coastal Infrastructures (FOCI): Designing, safe, sustainable and inclusive coastal communities &amp; industries for Atlantic Canada</i>	
2019 - 2020	<b>SSHRC Explore Grant</b> Wright, T. (PI)	<b>\$5,076</b>
	<i>Refining a Games Testing Tool for various Cultural, Social and Geographic Situations to Evaluate Pre-School Children's Bioaffinity</i>	
2019 - 2020	<b>Government of Canada Faculty Mobility Grant</b> Wright, T, (Co-PI), Rainham, D. (Co-PI)	<b>\$7,500</b>
	<i>Sharing Knowledge and Developing Collaborations for Experiential Learning, Environmental Sciences and Education for Sustainable Development between Dalhousie University and the University of the Bahamas</i>	

2018 - 2019	<b>Dalhousie University Teaching and Learning Enhancement Grant</b> Wright, T. (PI)  <i>Solving Environmental Problems by Flipping the Classroom</i>	<b>\$3,000</b>
2016 - 2019	<b>SSHRC Insight Development Grant</b> Wright, T (PI).  <i>Worlds Colliding: A Search for Where the Arts, Education for Sustainable Development and Sustainability Scholarship Intersect</i>	<b>\$74,699</b>
2015-2016	<b>SSHRC - Connection Grant</b> MacKenzie, M. (PI), Wright, T. (Co-Applicant)  <i>Connecting education and environment: mobilizing sustainability in education research, policy and practice</i>	<b>\$24, 898</b>
2012-2019	<b>SSHRC Partnership Grant</b> MacKenzie, M. (PI), Wright, T. (Co-Applicant)  <i>Sustainability and Education Policy Network</i>	<b>\$3,900,879</b>
2011 - 2014	<b>VLIR-UOS Belgium</b> Wass, T. (Co-PI), Wright (Co-PI), Huge, J. (Co-PI)  <i>Universities and Our Common Future: Exploring Conceptualizations of Sustainability in Higher Education at the University of Limpopo</i>	<b>\$74,000</b>
2009 - 2013	<b>SSHRC Environmental Research Grant</b> Wright, T. (PI)  <i>Examining the Role of Canadian Universities in Achieving Sustainable Development</i>	<b>\$142,000</b>
2009 - 2011	<b>SSHRC Public Outreach Grant</b> Wright, T. (PI)  <i>Beginning a Dialogue on Campus - Sustainability in Higher Education</i>	<b>\$159,495</b>
2010 - 2011	<b>SSHRC International Research Opportunity Workshop Fund</b> Wright, T. (PI)	<b>\$6,000</b>
2004 - 2009	<b>SSHRC Standard Research Grant</b> Wright, T. (PI)	<b>\$159,907</b>

	<i>Sustainability in Higher Education: Developing a Comprehensive Research Strategy</i>	
2004-2006	<b>SSHRC Research and Development Initiative</b> Wright, T. (PI)	<b>\$39,900</b>
	<i>From Rhetoric to Practice? Exploring the Implementation of Sustainability Initiatives in Canadian Universities</i>	
2003-2005	<b>Environment Canada</b> Cole, L. (Co-Applicant), Wright, T (Co-Applicant)	<b>\$48,770</b>
	<i>A Framework for Assessing Progress toward Environmental Sustainability on College and University Campuses in Canada</i>	
2002 - 2006	<b>Canadian International Development Agency</b> Newkirk, G (PI), Hart, B. (Co-applicant), Vandervwagg, D. (Co-applicant), Tiessen, R (Co-applicant), Wright, T. (Co-applicant)	<b>\$3,100,907</b>
	<i>Principles in Practice: Ocean and Coastal Governance.</i>	
2000 - 2002	<b>John and Patricia Schlosser Foundation</b> Wright, T. (PI)	<b>\$10,000</b>
	<i>Creating an Environmental Policy Implementation Plan: A Case Study of Action Research</i>	
2018 - 2019	<b>Australia Nature Conservancy</b> Bekessy, S. (Co-PI), Burgman, M (Co-PI), Leal Filho, W. (Co-PI), Wright, T. (Co-PI)	<b>\$13,750</b>
	<i>Environmental Best Practice in Australian and International Universities</i>	

## Publications

**Citations=4289    h-index=28;    i10-index=44**

### Publications - Peer Reviewed Journal

- 60 Murray, J., McKenzie, M., & Wright, T. (submitted). Student networks of action and mobilization across Canadian campuses. *Environmental Education Research*.
- 59 Yakamovich, J., Wright, T. (2021). "Creative makings-with-environment: Canada-based artists conceptualizations of the role of art in socioecological transformation". *The International Journal of Social, Political and Community Agendas in the Arts*.  
<https://doi.org/10.18848/2326-9960/CGP/v16i03/35-54>.
- 58 MacKeen, J., Wright, T. (2021). Refining a Games Testing Tool for Various Cultural, Social, and Geographic Situations to Evaluate Pre-School Children's Bioaffinity. *International Journal of Early Childhood Environmental Education*. <https://files.eric.ed.gov/fulltext/EJ1280495.pdf>
- 57 Yakamovich, J., Wright, T. (2021)). "Care-full, convivial, curious: Weaving Canadian artists' conceptions of art as a form of transformative environmental education". *Journal of Environmental Education*. <https://doi.org/10.1080/00958964.2021.1929801>
- 56 Wright, Tarah, and Llang, Y. 2020. "Forty Shades of Grey: A Bibliometric Study of the Grey Literature Related to Sustainability and the Arts." *The International Journal of Social, Political and Community Agendas in the Arts* 15 (4): 29-39. doi:10.18848/2326-9960/CGP/v15i04/29-39.
- 55 Omidvar, N., Wright, T., Beazley, K., Seguin, D. (2019). Examining children's indoor and outdoor nature exposures, and nature-related pedagogical approaches of teachers at two Reggio-Emilia preschools in Halifax, Canada. *Journal of Education for Sustainable Development*. <https://journals.sagepub.com/doi/10.1177/0973408219872066>
- 54 Omidvar, N., Wright, T., Beazley, K., Seguin, D. (2019). Investigating the effect of nature-related routines on preschool children's affinity to nature at Halifax children's centers, Canada. *International Journal of Early Childhood Education*.  
[https://naturalstart.org/sites/default/files/journal/7.\\_omidvar\\_formatted\\_0.pdf](https://naturalstart.org/sites/default/files/journal/7._omidvar_formatted_0.pdf)
- 53 Wright, T., Liang, Y. (2019). Examining the Scholarly Literature: A Bibliometric Study of Journal Articles Related to Sustainability and the Arts. *Sustainability* 2019, 11(14), 3780; <https://doi.org/10.3390/su11143780>
- 52 Doll, Shauna , and Wright, T. (2019). Climate Change Art: Examining How the Artistic Community Expresses the Climate Crisis. *The International Journal of Social, Political and Community Agendas in the Arts* 14 (2): 13-29. doi:10.18848/2326-9960/CGP/v14i02/13-29.
- 51 Cheeseman, A., Wright, T. Murray, J., McKenzie, M. (2019). Taking stock of sustainability in higher education policy: A review of the policy literature. *Environmental Education Research* (DOI: 10.1080/13504622.2019.1616164).
- 50 Publicover, J., Wright, T., Duinker, P., Baur, S. (2019) Engaging with Environmental Issues as a Musician: Career Perspectives from the Musicians of the Playlist for the Planet, *Popular Music and Society*, 42:2, 167-187, DOI: 10.1080/03007766.2018.1426367
- 49 McPherson, K., Wright, T., and Tyedmers, P. (2018) Challenges and prospects to the integration of ocean education into high school science courses in Nova Scotia, *Applied Environmental Education & Communication*, DOI: 10.1080/1533015X.2018.1533439
- 48 Cheesman, A., Wright, T. (2018): Perspectives from parents: An investigation of the longer-term benefits of an earth education summer camp program, *Applied Environmental Education & Communication*, DOI: 10.1080/1533015X.2018.1530621
- 47 McPherson, K., Wright, T., and Tyedmers, P. (2018). "Examining the Nova Scotia Science Curriculum for International Ocean Literacy Principle Inclusion" *International Journal of Learning, Teaching and Educational Research* Vol. 17, No. 11, pp. 1-16, <https://doi.org/10.26803/ijlter.17.11.1>



- 46 Elliott, H., Wright, T. (2018) Canadian Student Leaders' Conceptualizations of Sustainability and Sustainable Universities. *Journal of Education for Sustainable Development*, Vol. 12, Issue 2. Pages 103-119. <https://doi.org/10.1177/0973408218792125>
- 45 Cheesman, A., Wright, T. (2018) Examining environmental learning experiences at an earth education summer camp, *Environmental Education Research*, DOI: 10.1080/13504622.2018.1509301
- 44 Publicover, J., Wright, T., Duinker, P., Baur, S. (2017). Music as a Tool for Environmental Education and Advocacy: Artistic Perspectives from Musicians of the Playlist for the Planet. *Environmental Education Research*. <https://doi.org/10.1080/13504622.2017.1365356>
- 43 Multiple authors (2017), "Stimulating a Canadian Narrative of Hope for Climate", *FACETS*, 2, p. 131-149.
- 42 Philip Vaughter , Marcia McKenzie , Lauri Lidstone , Tarah Wright , (2016) "Campus sustainability governance in Canada: A content analysis of post-secondary institutions' sustainability policies", *International Journal of Sustainability in Higher Education*, Vol. 17 Iss: 1, pp.16 - 39
- 41 Huge, J., Waas, T., Wright, T. (2016). How to walk the talk? Developing actions for sustainability in academic research. *Journal of Cleaner Production*, 137, pp. 83-92.
- 40 McKenzie, M., Beveridge, D., Vaughter, P., Wright, T. (2015). "Sustainability in Canadian Post-secondary Institutions: The Interrelationships among Sustainability Initiatives and Geographic and Institutional Characteristics", *International Journal of Sustainability in Higher Education*, Vol. 16 Issue: 5, pp.611-638, <https://doi.org/10.1108/IJSHE-03-2014-0048>
- 39 Vaughter, P., Wright, T., & Herbert, Y. (2015). 50 shades of green: An examination of sustainability policy on Canadian campuses. *Canadian Journal of Higher Education*. Volume 45. No. 3.
- 38 Beveridge, D., McKenzie, M., Vaughter, P., Wright, T. (2015) "Sustainability in Canadian post-secondary institutions: The interrelationships among sustainability initiatives and geographic and institutional characteristics", *International Journal of Sustainability in Higher Education*, Vol. 16 Iss: 5, pp.611 - 638
- 37 Lidstone, L., Wright, T., & Sherren, K. (2015). Canadian STARS-rated campus sustainability plans: Priorities, plan creation and design. *Sustainability* 7(1), 725-746
- 36 Lidstone, L., Wright, T., & Sherren, K. (2015). An analysis of Canadian STARS-rated higher education sustainability policies. *Environment, Development and Sustainability* Volume 17, Issue 2, pp. 259-278.
- 35 Wass, T., Huge, J., Block, T., Benitez-Capistros, F., Verbruggen, A., Wright, T. (2014). Sustainability Assessment and Indicators: Tools in a Decision-Making Strategy for Sustainable Development. *Sustainability*, 6(9), 5512-5534
- 34 Sylvestre, P., Wright, T. (2014). Exploring Faculty Conceptualizations of Sustainability in Higher Education: Cultural Barriers to Organizational Change and Potential Resolutions. *Journal of Education for Sustainable Development*. Vol 2, pp. 205-233.
- 33 Sylvestre, P., Wright, T., Sherren, K. (2014). "A tale of two (or more) sustainabilities: A Q methodology study of university professors' perspectives on sustainable universities". *Sustainability - Special Issue: Sustainability and Organizational Change*, Vol 6, pp. 1521-1543.
- 32 Spence, E., Wright, T., Castleden, H. (2013). Present, absent or tardy? A study of the barriers and bridges to implementation of environmental education in sixth grade classrooms in Nova Scotia. *Environmental Education and Communication*, Vol 12, Issue 13.
- 31 Wright, T. Markle, G., Wuench, P. (2013). The Goggles Project: Using Street Theatre to Engage University Stakeholders in Discussions about Sustainability. *Creative Education*. Vol. 4, No. 7, pp 105-109.
- 30 Sylvestre, P., McNeil, R., Wright, T. (2013). From Talloires to Turin: A Critical Discourse Analysis of Declarations for Sustainability in Higher Education. *Sustainability*, 5, pp. 1356-1371.

- 29 Vaugher, P., Wright, T., McKenzie, M., Lidstone, L. (2013). Greening the Ivory Tower: A Review of Education Literature on Research on Sustainability in Post-Secondary Education. *Sustainability* 5(5), pp. 2252-2271;
- 28 Wright, T., Horst, N. (2013). "Exploring the Ambiguity: What Faculty Leaders Really Think of Sustainability in Higher Education". *International Journal of Sustainability in Higher Education*. Vol. 14 Iss: 2
- 27 Ross, F., Harper, K., Wright, T., Castelden, H. (2012). Multiple perspectives on polar science educational outreach partnerships in the north Yukon, Canada. *Polar Geography*, Volume 25, Issue 1-2, pp. 309-329
- 26 Wright, T., Wilton, H. (2012). Facilities Management Directors' Conceptualizations of Sustainability in Higher Education *Journal of Cleaner Production*. Volume 31, pp. 118-125
- 25 Wright, T., Defields, D. (2012). Determining the "Essentials" to Include in an Undergraduate Sustainability Degree Program: A Delphi Study at Dalhousie University. *Journal of Education for Sustainable Development*, Vol. 6 No. 1.
- 24 Waas, T., Huges, J., Verbruggen, A. Wright, T. (2011). Sustainable Development: A Bird's Eye View. *Sustainability* 2011, 3, (10), 1637-1661;
- 23 Wright, T. (2010) Sustainability as an Academic Discipline - Different Approaches to Educational Delivery. *Sustainability Journal of Record*, Volume: 3 Issue 5: October 11, 2010
- 22 Waas, T., Verbruggen, A., and Wright, T. (2010). "University Research for Sustainable Development: Definition and Characteristics Explored". *Journal of Cleaner Production* 18 (7).
- 21 Wright, T. (2010). University Presidents' Conceptualizations of Sustainability in Higher Education. *International Journal of Sustainability in Higher Education*, 11, (1). pp.61 - 73
- 20 Beringer, A., Wright, T., Malone, L. (2008). "Sustainability in Higher Education in Atlantic Canada: A Performance Assessment and Ranking". *International Journal of Sustainability in Higher Education* 9 (1).
- 19 Wright, T., Wyatt, L. (2008). "Examining Influences on Environmental Concern and Career Choice among a Cohort of Environmental Scientists". *Applied Environmental Education & Communication* 7, (1)
- 18 Wright, T., Pullen, S. (2007). "Examining the Literature: A Bibliometric Study of ESD Journal Articles in the ERIC Database". *International Journal of Education for Sustainable Development*, 1 (1).
- 17 Wright, T. (2007). "Higher Education for Sustainability: Developing a Comprehensive Research Agenda". *International Journal of Education for Sustainable Development*, 1 (1).
- 16 Wright, T. (2007). "Developing Research Priorities with a Cohort of Higher Education for Sustainability Experts". *International Journal of Sustainability in Higher Education*, 8 (1), pp. 34-43
- 15 Wright, T. (2006). Giving "Teeth" to Environmental Policy. *Journal of Cleaner Production* 12 (9-11), pp. 761-168.
- 14 Wright, T. (2006). Feeling Green: Linking Experiential Learning and University Environmental Education. *Higher Education Perspectives*, 2(1), pp. 73-90.
- 13 Kreber, C. , Castleden, H., Erfani, N., Wright, T. (2005). Self-regulated Learning About University Teaching: An Exploratory Study. *Teaching in Higher Education* 10 (1), pp. 75-97.
- 12 Wright, T; Clugston, M; Calder, W. (2004). Higher Education for Sustainable Development: An International Perspective. *Ökologisches Wirtschaften* 3 (4).
- 11 MacMillan, E.; Wright, T.; Beazley, K. (2004). Impact of a University-level Environmental Studies Class on Students' Values. *The Journal of Environmental Education* 35 (3).
- 10 Wright, T., (2004). Consulting Stakeholders in the Development of an Environmental Policy Implementation Plan: a Delphi Study at Dalhousie University. *Environmental Education Research* 10 (2).
- 9 Kreber, C. , Castleden, H., Erfani, N. Lim, J., Wright, T. (2003). Exploring the Usefulness of Kelly's Personal Construct Theory in Assessing Student Learning in Science Courses. *Teaching in Higher Education*, 8,(3).

- 8 Wright, T. (2003). A Tenth Year Anniversary Retrospect: The Effect of the Halifax Declaration on Signatory Universities. *Canadian Journal of Environmental Education* 8 (1).
- 7 Wright, T., and Leal Filho, W. (2002). Barriers on the Path to Environmental Sustainability: European and Canadian Perspectives in Higher Education. *International Journal of Sustainable Development and World Ecology*, 9 (2).
- 6 Wright, T. (2002). Definitions and Frameworks for Environmental Sustainability in Higher Education. *International Journal of Sustainability in Higher Education Special (Joint Issue with Higher Education Policy)*, 3 (3).
- 5 Wright, T. (2002). Definitions and Frameworks for Environmental Sustainability in Higher Education. *International Journal of Sustainability In Higher Education. Higher Education Policy*, 15 (2).
- 4 Wright, T. (2000). Old Planet, New Millennium, Same Excuses? Taking Responsibility: The Need for Adult Environmental Education. *New Horizons in Adult Education*, 14 (3). (13 pages)
- 3 Wright, T. , Einsiedel, A. (1999). Mapping the Continuing Professional Development Jungle: The University of Alberta Amazon Project. *Alberta Journal of Educational Research*, v45 n2 p212-14.
- 2 Wright, T.(1998). Is Green Business An Oxymoron In Western Society? *Shades of Green*, 3.
- 1 Rainham DG, Wright TSA. Feds fish for support: A ripple of cautious optimism greets new Oceans Act. *Alternatives Journal* 1997; 23:10-12.

#### Publications - Book Chapters

- 12 Wright, T., Aitken, Al, Owen, R., Morawiecki, J. (in-press). "Framing a University Research and Innovation Strategy Around the SDGs: A Case Study from Dalhousie University". *Bloomsbury Handbook of Sustainability in Higher Education: An Agenda for Transformational Change*.
- 11 Wright, T., Waas, T. (2017). "Sustainable Higher Education - The Why and How of (Re)Orienting Higher Education Towards Sustainability" in Frank Wittmann (Editor) *European Association for International Education Internationalization Handbook*.
- 10 Sylvestre, P., Wright, T. (2016). "Organizational Change and Organizational Learning for Promoting Higher Education for Sustainable Development" in Mattias Barth, Ian Thomas, Gerd Michelsen (Editors) *Handbook of Higher Education for Sustainable Development*. Routledge
- 9 Spence, E., Wright, T., Castleden, H. (2013). "Pass, fail, or incomplete? Analyzing environmental education in Nova Scotia's sixth grade curriculum" in Helen E. Muga and Ken Thomas (Editors) *Cases on Pedagogical Innovations for Sustainable Development*. Hershey, Pennsylvania: IGI Global.
- 8 Wright, T. (2013). "Education for Sustainable Development" in Alex C. Michalos (Editor) *Encyclopedia of Quality of Life Research*. Germany: Springer.
- 7 Wright, T. (2013) "Stepping Up to the Sustainability Challenge" in Lucas F. Johnson (Editor) *Higher Education for Sustainability: Cases, Challenges and Opportunities Across the Curriculum*. New York: Routledge
- 6 Wright, T. (2011). *Sustainability in Higher Education - Perspectives from Canada and the United States for Global University Network Initiative*. Barcelona.
- 5 Wright, T. (2009). "Sustainability, Internationalization and Higher Education" for Carolin Kreber (ed) *Internationalizing the Curriculum in Higher Education*. Toronto: Jossey Bass Publishers.
- 4 Wright, T. (2006). "The Role of Research in Achieving a Sustainable Future" in *Education for Sustainable Developing in Action*. Paris: UNESCO.
- 3 Cole, L. & Wright, T. (2005). "Assessing Sustainability of Canadian University Campuses: Development of a Campus Sustainability Assessment Framework" in *The Handbook of Sustainable Development Research*. New York: Peter Lang Scientific Publishers.
- 2 Wright, T. (2004). "The Evolution of Environmental Sustainability Declarations in Higher Education" for Arjen Wals and Peter Blaze Corcoran (eds) *Higher Education and the*

Challenge of Sustainability: Promise, Practice, Contestation, and Critique. Kluwer Academic Press.

- 1 Wright, T. (2000). "Teaching For A Change: A Six Step Program For Recovering Lecturers" in Walter Leal Filho (ed) Communicating Sustainability. New York: Peter Lang Scientific Publishers (p. 269-379)

### Publications - Conference Abstracts and Proceedings

- 70 MacKeen, J, Wright, T. Refining a Games Testing Tool for Various Cultural, Social, and Geographic Situations to Evaluate Preschool Children's Bioaffinity. Early Nature Learning Conference, July 2021.
- 69 Wright, T. , Sims, L. (2021). Nuit Vert - Art as a Catalyst for Social Change. Environment Education and Communication Conference, April 2021.
- 68 Wright, T. (2020). Imagined Futures: The Role of the Arts in Educating for a Sustainable Future. World Teach-in-Day, December 2020
- 67 Yakamovich, J., and Wright, T. (2019). Exploring contemporary Canada-based artists' conceptualizations of the role of art in environmental education. Art in the Anthropocene Conference, Trinity College Dublin, June 2019
- 66 Wright, T., Doll, S. (2018). Climate Change Art as a Means of Creating Cultural Change. Canadian Environmental Education Conference, British Columbia, October 2018.
- 65 Doll, S., Wright, T. (2018). Reinforcing Climate Change Art as an Approach to Systematic Transformation. Petrocultures, Scotland, August 2018.
- 64 Wright, T. Vaughter, P, Herbert, Y. (2015). 50 Shades of Green: An Examination of Sustainability Policy on Canadian Campuses. Global Cleaner Production Conference, Spain, November 2015.
- 63 Wright, T., Kent, C. (2015). What role can The Arts play in achieving the goals of Education for Sustainable Development?" Global Cleaner Production Conference, Spain, November 2015.
- 62 Vaughter, P., Wright, T., Herbert, Y. (2015). 50 Shades of Green: An Examination of Sustainability Policy on Canadian Campuses. Global Cleaner Production Conference, Spain, November 2015.
- 61 Waas, T., Huges, J., Mahlapahlapana T. , Wright, T., (2015). Universities and Our Common Future: Exploring Faculty Conceptualizations of Sustainability in Higher Education at the University of Limpopo (South Africa). Global Cleaner Production Conference, Spain, November 2015.
- 60 Lidstone, L., Wright, T., Sherren, K. (2014). Sustainability and Environmental Policies on Canadian Campuses. Association for the Advancement of Sustainability in Higher Education Conference, Portland USA, October 2014.
- 59 Vaughter, P., Wright, T., McKenzie, M., Lidstone, L.; Aikens, K. (2014). Sustainability in Canadian postsecondary education: a comparative analysis of how institutions are engaging with sustainability. Copernicus Conference, United Kingdom, January 2014.
- 58 Lidstone, L., Wright, T., Sherren, K. (2013). Greening the Ivory Tower: An Analysis of Sustainability Policy in Post-Secondary Education. Canadian Association of Geographers' Annual Meeting, August 2013.
- 57 Elliot, H., Wright, T. (2013). Barriers to sustainable universities and ways forward: A Canadian students' perspective. World Sustainability Forum, November 2013.
- 56 McNeil, R., Wright, T (2013). Canadian University Presidents on Sustainability: Definitions, Roles and Ways Forward. Environmental Studies Association of Canada Conference at Congress 2013 @ the Edge.
- 55 McNeil, R., Wright, T. (2012). Capturing Canadian University Presidents' Conceptualizations of Sustainability and the University's Role in Sustainable Development. Association for the Advancement of Sustainability in Higher Education Conference. Los Angeles 2012.

- 54 Sylvester, P, Wright, T. (2012). Exploring faculty conceptualizations of sustainable universities through the use of Q methodology. Association for the Advancement of Sustainability in Higher Education Conference. Los Angeles 2012.
- 53 Huges, J. Waas, T., Lozano, R., Wright, T. (2012) The role of the state in corporate sustainability: facilitator or obstacle? Second World Sustainability Forum. Online.
- 52 Elliot, H., Wright, T. (2011). Investigating Canadian Student Union Presidents' Conceptualizations of Sustainable Universities. Association for the Advancement of Sustainability in Higher Education Conference. Pittsburgh, 2011.
- 51 Wright, T., Gass, S. (2011). Confronting Complexity: Environmental Science at Dalhousie University, an Evolving Curriculum. Association of Environmental Studies and Sciences Conference. Vermont, June 2011.
- 50 Wright, T., Markle, G., Wuench, P. (2011). The Goggles Project: Promoting Sustainability Dialogue in Higher Education through Street Theatre. Staging Sustainability Conference. Toronto 2011.
- 49 Wright, T., Markle, G., Wuench, P. (2011). (2010). Provoking Sustainable Universities Using Street Theatre. World Teach-In Day. Hamburg, 2010.
- 48 Wright, T., Elliot, H. (2011), Investigating Student Union Presidents' Conceptualizations of Sustainable Universities. Environmental Studies Association of Canada Annual Conference, 2011.
- 47 Spence, E., Wright, T., Castleden, H. (2010). Cultivating Curriculum: Perceptions of Environmental Education by Elementary Teachers in Nova Scotia. 39th Annual North American Association for Environmental Education. Buffalo-Niagara, New York.
- 46 Wright, T. (2010). Provoking Dialogue on Sustainability Using Street Theatre. Association for the Advancement of Sustainability in Higher Education Conference. Denver, 2010.
- 45 Wright, T. and Rowland, P. (2010). Investigating Sustainability in Higher Education Initiatives in North America. Global University Network Initiative Conference. Barcelona.
- 44 Wass, T. and Wright, T., Huges, J. (2010). Sustainability Research at Universities: Towards and Operational Set of Characteristics. Global University Network Initiative Conference. Barcelona 2010.
- 43 Lynch, M, and Wright, T. (2010). Learning Outside of the Classroom in the College of Sustainability. Dalhousie Conference on University Teaching and Learning, May 2010.
- 42 Ross, F., Harper, K., and Wright, T. (2010) Northern Knowledge: Creating educational materials with Northern communities using Indigenous ecological knowledge and IPY research. ARCTIC NET Conference, January 2010.
- 41 Ross, F., Harper, K., and Wright, T. (2010). Community Adaptation & Vulnerability in Arctic Regions. ARCTIC NET Conference, January 2010.
- 40 Ross, F., Harper, K., and Wright, T. (2010). Bringing IPY science home: Engaging northern classrooms and communities for education and outreach. International Polar Year Conference, Oslo Norway, June 2010.
- 39 Ross, F., Harper, K., and Wright, T. (2009). Northern Knowledge: Creating Educational Materials for Northern Communities from Traditional Ecological Knowledge and International Polar Year Research. Atlantic Geographers Association Conference, Halifax, Nova Scotia.
- 38 Wright, T. (2009). Examining sustainability as an Academic Discipline. Association for the Advancement of Sustainability in Higher Education Conference E Ball State Greening the Campus Conference.
- 37 Wright, T. (2009). How Do Canadian University Administrators Conceptualize Sustainability in Higher Education? World Environmental Education Congress, Montreal, Canada.
- 36 Carrey, G., Owen, R., and Wright, T. (2009). The Transformation of Dalhousie University: A three-pronged approach to moving towards Sustainability. World Environmental Education Congress, Montreal, Canada.
- 35 Ross, F., Harper, K, and Wright, T.. (2009). Northern Knowledge: Creating Northern Environmental Education Materials from Community Consultations and ecological Studies. 5th Annual Environmental And Sustainability Research Symposium, Halifax, Canada.

- 34 Wright, T. (2008) Conceptualizing the Role of the University in Achieving a Sustainable Future - A Cohort Study of University Presidents. Environmental Management and Sustainable Universities, Barcelona, Spain.
- 33 Wright, T. (2007). Identifying the Perceived Challenges to Implementing Sustainability Initiatives on Campus by a Cohort of Talloires Signatory University Administrators. Higher Education for Sustainable Development, Mexico.
- 32 Wright, T. (2006). Developing Research Priorities with a Cohort of Higher Education for Sustainability Experts. Association for the Advancement of Sustainability in Higher Education. Tempe, Arizona.
- 31 Wright, T. (2006). Identifying the Perceived Challenges to Implementing Sustainability Initiatives on Campus by a Cohort of Talloires Signatory University Administrators Association for the Advancement of Sustainability in Higher Education. Tempe, Arizona.
- 30 Wright, T. (2005). What Role does Research Play in Crossing Barriers and Creating Drivers for Sustainable Development in Higher Education? Conference Consultation Papers, UNESCO.
- 29 Wright, T. (2005). A Bibliometric Analysis of Higher Education for Sustainability Research. Sustainability in Higher Education: Developing a Comprehensive Research Plan Workshop, October 2005
- 28 Wright, T. (2004). Giving Teeth to Environmental Policies. Keynote speaker: Environmental Management for Sustainable Universities Conference 2004, Monterrey, Mexico.
- 27 Wright, T. (2003). Examining Sustainability in Higher Education - Charting a Course for the Future. National Council for Science and the Environment Conference, Washington D.C.
- 26 Wright, T. (2003). Can Declarations Make a Difference to Sustainability in Higher Education? Paper presented at the North American Association for Environmental Education Conference, Anchorage, Alaska.
- 25 Wright, T. (2003). Developing an Environmental Policy Implementation Plan at Dalhousie University: A Delphi Study. Paper presented at the Environmental Studies Association of Canada Conference, Halifax, Canada.
- 24 Kreber, C. & Wright, T. (2003). Self-regulated Learning about University Teaching: Intriguing Theory or Actual Reality. Paper presented at the Canadian Society for Studies in Higher Education Conference, Halifax, Canada.
- 23 Wright, T. (2003). Assessing the Effectiveness of the Delphi Method in Constructing an Environmental Policy Implementation Plan. Paper presented at the Canadian Society for Studies in Higher Education Conference, Halifax, Canada.
- 22 Wright, T. (2002). Estudio de caso de Sustainability en una educación más alta: Examinar la puesta en práctica del declaración de Halifax. at the Third International Convention on Higher Education - UNIVERSIDAD 2002, Havana Cuba.
- 21 Bekessy SA, Burgman MA, Yencken D, Wright T, Leal Filho W, Garden D and Rostan-Herbert D (2002). A Summary of Environmental Practice in Australian Universities. Paper presented at the Second National Conference of Sustainable Universities, Melbourne Australia
- 20 Wright, T., & Leal Filho, W. (2002). Examining Critical Barriers to Achieving Environmental Sustainability in Higher Education. Environmental Management for Sustainable Universities Conference, Grahamstown South Africa, September 2002.
- 19 Wright, T. (2002). Environmental Sustainability and Higher Education: Do Declarations Make a Difference? Canadian Society for the Study of Higher Education - Higher Education as if the World Mattered Conference, Toronto, Canada, May 2002.
- 18 Wright, T. (2001). A Review of Definitions and Frameworks for Sustainability in Higher Education. University Leaders for a Sustainable Future Conference. Washington.
- 17 Wright, T. (2001). Promoting Environmental Literacy In The Classroom. Dalhousie Conference on University Teaching and Learning.
- 16 Kreber, C., Wright, T, Castleden, H. Erfani, N., & Lim, J. (2001). Building partnerships in research on teaching and learning: Educational researchers and science professors learning together. Paper presented at HERDSA, Newcastle, NSW, Australia.

- 15 Kreber, C., Wright, T, Castleden, H. Erfani, N., & Lim, J. (2001). Just in case you wonder whether your students got it: Using repertory grids to assess student learning in science courses. Presentation at the annual meeting of the Society for Teaching and Learning in Higher Education (STLHE), Memorial University, St. John's, NF.
- 14 Kreber, C., Wright, T, Castleden, H. Erfani, N., & Lim, J. (2001). Faculty funded research: Issues surrounding the graduate student research assistantship. (Extended abstract published in proceedings). Panel discussion with the Canadian Society for the Study of Higher Education, Congress of the Social Sciences and Humanities, Laval University, Quebec.
- 13 Kreber, C., Wright, T, Castleden, H. Erfani, N., & Lim, J. (2001). The relationship between approaches to studying, perceptions of learning environment, and students understanding of science concepts. (Extended abstract published in proceedings). Canadian Society for the Study of Higher Education, Congress of the Social Sciences and Humanities, Laval University, May 24-26.
- 12 Kreber, C., Wright, T., Lim, J.(2000). Are there Different Levels of Expertise in the Scholarship of Teaching?. International Consortium of Educational Development (ICED).
- 11 Kreber, C., Wright, T., Lim, J. (2000). Promoting and Identifying The Scholarship Of Teaching. Improving University Teaching 25th Conference. Frankfurt, Germany.
- 10 Wright, T. (2000). The History of Environmental Studies in Canadian Universities. The North American Association for Environmental Education. South Padre Island, Texas.
- 9 Wright, T. (2000). Universities as Agents Of Social Change? Linking the Development of Canadian University Environmental Studies Programs with The Environmental Movement. The Environmental Studies Association of Canada Conference, Edmonton.
- Wright, T. (2000). Creating Planetary People: Using Experiential Education in the Postsecondary Biology Classroom. Proceedings of the Biology as If the World Mattered (BAITWORM) Conference 2000.
- 8 Wright, T. (1999). Feeling Green: Using Experiential Learning Theory in University Environmental Studies Programs. The Environmental Studies Association of Canada Conference, Sherbrooke.
- 7 Wright, T. (1999). Teaching Green: How To Bring The Environment Into Any Classroom. Teaching and Learning Effectiveness Sessions. University of Alberta.
- 6 Wright, T. (1999). Bringing The Environment In: How To Be An Environmental Educator Regardless Of Your Field. Society for Teaching and Learning in Higher Education. Calgary Alberta.
- 5 Wright, T. (1999). Environmental Educators: Teaching For A Change. Proceedings of the Millennium International Environmental Education Electronic Conference 1999.
- 4 Wright, T. (1999). It's Easy Being Green - Bringing Experiential Learning into the Post Secondary Geography Classroom. Proceedings of the Western Division Canadian Association of Geographers Conference.
- 3 Wright, T. (1999). Environmental Educators: Teaching For A Change. Proceedings of the Millennium International Environmental Education Electronic Conference 1999.
- 2 Wright, T., & Einsiedel, A. (1999). Bridging Information Borders: The University of Alberta Institute For Professional Development's Amazon Project. Proceedings of the Canadian Association of Studies In Adult Education Conference.
- 1 Wright, T. (1999). It's Easy Being Green - Bringing Experiential Learning Into The Post Secondary Geography Classroom. Proceedings of the Western Division Canadian Association of Geographers Conference.

### Publications - Technical Reports

- 7 Wright, T., Ferrero-Wong, C. (2021). Examining the Impact of the National Arts Centre's Climate Cycle Initiative on the Environmental Knowledge, Attitudes, and Professional Practices of Canadian Theatre Artists. Commissioned by the National Arts Centre, Ottawa Canada.
- 6 Waas, T., Hugeschool, C. Hogeschool, L., Loazno, R., Wright, T., Sterling, S. (2012). Sustainable Higher Education: Understanding and Moving Forward. Commissioned by the Flemish Government - Environment and Energy Department.
- 5 Holmberg, J.; Lotz-Sistka, H.; Samuelsson, B.; Wals, A.; Wright, T. (2008). The Gothenburg Recommendations on Education for Sustainable Development. Published by the Centre for Environment and Sustainability, Chalmers University of Technology/University of Gothenburg, Sweden.
- 4 Beringer, A, Wright, T, Malone, L. (2006). Sustainability in higher education in Atlantic Canada. Published by the University of Prince Edward Island.
- 3 Bekessy, S., Burgman, M., Wright, T., Leal Filho, W., Smith, M. (2003). Universities and Sustainability. Published by the Australian Conservation Foundation
- 2 Bekessy, S., Burgman, M., Yencken, D., Bone, L., Garden, D., Rostan-Herbert, D., Wright, T., and Leal Filho, W. (2001). Environmental Best Practice in Australian and International Universities. Published by the University of Melbourne and the Australian Natural Heritage Society.
- 1 Rainham, D. and Wright, T. (1997). Marine Protected Areas: The Role of Economic Valuation in Planning and Decision-Making. Published as a Department of Fisheries and Oceans Report for the Marine Environment and Conservation Branch, Ottawa, Ontario.

### Publications - Artistic Contributions

- 3 Wright, T, Stanley, S., Bilodeau, C. (2020). Co-Curator - National Arts Centre, Final Cycle: Climate Change - The Green Rooms
- 2 Eco-Art StoryMap:  
<https://dalspatial.maps.arcgis.com/apps/MapSeries/index.html?appid=5c5862c26e0744dd8cae43e6b2b3516>
- 1 Wright, T. (2011). The Goggles Project - Sustainability in Canadian Universities. Canadian Tour.

### Publications - Book Reviews

- 3 Wright, T. (2008). Greener by Degrees: Exploring Sustainability through Higher Education Curricula. Journal of Education for Sustainable Development.
- 2 Wright, T. (2002). Weaving Connections: Educating For Peace, Social and Environmental Justice. Labour/Le Travail.
- 1 Wright, T. (2000). Eco-games For Grown-ups. Alternatives, 26 (2).

### Publications - Theses

- 2 Wright, T. 2001. Policy, Change and Environmental Sustainability in the University. Ph.D. Thesis, University of Alberta, AB. pp. 273
- 1 Wright, T. 1998. A Case Study of Community-Based Coastal Zone Management in Queensland Australia. M.ES. Thesis. School for Resource and Environmental Studies, Dalhousie University, NS. pp. 139.



## Publications - Multi-media Contributions

- 6 The Eco-Art Story Map:  
<https://dalspatial.maps.arcgis.com/apps/MapSeries/index.html?appid=5c5862c26e0744dd8cae43e6b2b3516>
- 5 2014. Green Building Video - Dalhousie University:  
[http://office.sustainability.dal.ca/Programs/Built\\_Environment/](http://office.sustainability.dal.ca/Programs/Built_Environment/)
- 4 2013. Media interview for the Higher Education Development Association at the University of Oslo: <http://uv-net.uio.no/wpmu/hedda/>
- 3 2010. Turning Over a New Leaf. 18 shows on CBC radio Maritime Morning. January 2010-April 22, 2010.
- 2 1999. Developed on-line lesson titled "How To Be An Environmental Educator Regardless Of Your Field" for University of Alberta EDAE 601 Distance Education Delivery Course
- 1 1998. Cultivating Solutions In Our Garden Of Possibilities. [6 cassette tapes, with accompanying script]. Costa Rica: Radio For Peace International. 30 min. per tape; 31p.

## Invited Speaking Engagements

- 29 Invited Speaker: "Imagines Futures: What role can the Arts play in education for a sustainable future?". School for Resource and Environmental Studies Seminar Series, January 2022.
- 28 Invited Speaker: "How the Arts and Sciences can Collaborate in Creating Effective Solutions for Climate Change". University of the Bahamas Environment Week, March 2020.
- 27 Keynote Speaker: Imagined Futures: Intersections of Public Art, Climate Change and the Environment. City of Kingston Ontario, August, 2019
- 26 Invited Speaker: "How the Arts and Sciences can Collaborate in Creating Effective Solutions for Climate Change". University of the Bahamas Environment Week, March 2020.
- 25 Keynote Speaker: Imagined Futures: Intersections of Public Art, Climate Change and the Environment. City of Kingston Ontario, August, 2019
- 24 Invited Speaker: Artists Climate Change Incubator, New York City, August, 2018.
- 23 Keynote Speaker, Canadian University Environmental Network Annual Conference, Halifax, May, 2016.
- 22 Keynote Speaker, Connecting Education and Environment: Mobilizing Sustainability in Education Research, Policy, and Practice, Saskatchewan, June 2016.
- 21 Invited Speaker, Talking Sustainability Colloquia, University of Saskatchewan, October 2015.
- 20 Invited Speaker, University of the Sunshine Coast Sustainability Speakers Series, March 2014.
- 19 Invited Panellist, NAFSA: Association of International Educators Conference, May 2013. St. Louis Missouri.
- 18 Invited Speaker, University of Ghent Sustainability in Higher Education Seminar March 2013. Belgium.
- 17 Guest Plenary Presenter, Association for the Advancement of Sustainability in Higher Education, October 2011. Pittsburgh
- 16 Keynote: Global University Network for Innovation Conference, 2010. Barcelona.
- 15 Invited panellist: Strategies for Adaption Across The Sustainability Curriculum. March 22-23, 2010. Wake Forest University.
- 14 Invited panellist AASHE Ball State Greening the Campus Conference, October 2009.
- 13 Invited Speaker - Global Awareness Youth Conference, Halifax, Canada, April 2009.
- 12 Invited Guest Speaker - Visions and preparations for a common blueprint on Education for Sustainable Development, Gothenburg, Sweden, November 2008
- 11 Invited Guest Speaker - Environmental Consortium of Hudson Valley Colleges & Universities 4th annual conference, New York City, November 2006.
- 10 Invited Guest Speaker - UNESCO Decade of Education for Sustainable Development Strategic Planning Meeting, Paris, France, February 2006.

- 9 Keynote Speaker - Drivers and Barriers for Learning for Sustainable Development in Higher Education Workshop, Gothenburg, Sweden, December 2005
- 8 Guest Speaker - Sustainability in Higher Education: Developing a Comprehensive Research Plan, Halifax, October 2005
- 7 Keynote Speaker - Environmental Management for Sustainable Universities Conference 2004, Monterrey, Mexico. June 2004.
- 6 Guest Speaker - Greening the University Campus - Biology Department FISH Series, Dalhousie University, January 2004
- 5 Guest Speaker - The University and the Biosphere - School of Planning Lunch and Learn - Dalhousie University, January 2004
- 4 Guest Speaker - Examining Sustainability in Higher Education - Charting a Course for the Future. National Council for Science and the Environment Conference, Washington D.C. January 2003
- 3 Keynote Speaker - Dalhousie University Graduation Pledge Ceremony - Dalhousie University, Nova Scotia, May, 2002.
- 2 Guest Speaker - Estudio de caso de Sustainability en una educación más alta: Examinar la puesta en práctica del declaración de Halifax. at the Third International Convention on Higher Education - UNIVERSIDAD 2002, Havana Cuba, February, 2002.
- 1 Keynote speaker - Greening the Campus - The Path to Sustainability - Athabasca University Sustainability and the Environment Conference, February 2002.

### Teaching Philosophy (In short)

*It is not education, but education of a certain kind, that will save us*

–David Orr, *Earth in Mind* (2004)

As a result of a wide variety of teaching experiences, I have come to understand how exciting, fascinating and rewarding it is to teach. Postsecondary education is a process of growth from dependence to both independence and interdependence and it is my responsibility to facilitate this development.

I believe that my role is to help students grow by challenging their own constructs (personal knowledge) and those that society presently adheres to (public knowledge) and to provide students with opportunities to learn for themselves (independent learning) and with others (interdependent learning). My role as a teacher is that of a guide and facilitator. I often remind students of the power they have over their own learning. It is for this reason that I work with students to develop course syllabi together, and create assignments that are meaningful to individual students and to the class.

I recognize that students have many and varied learning styles and realize that these must be identified at the beginning of each course. I understand the need to respond to differences in learning styles by creating multiple paths of investigation for individuals and groups of students as well as leave room for students' ideas, questions and needs. Additionally, I view all post secondary students as adults, and therefore adhere to many of the assumptions of the andragogical model (Knowles, 1980) including: adults have a self-concept as being self-directed learners; adults have numerous and varied experiences that can be shared with colleagues; adults see a clear purpose for learning; and adults prefer problem and task-centred learning.

Experiential learning theory is paramount to my teaching philosophy. Experiential learning, or learning through action and reflection, creates a connection between the learner and the content being taught. This idea of promoting meaningful connections underpins the many strategies I use such as concept maps, class discussions, practical group work assignments, experiments, games, and often field trips.

I am a firm believer in developing meaningful relationships with students. I am therefore dedicated to being available to students to help them in their learning in any way possible. In the past, this has meant assisting students in the preparation of graduate school applications, discussing personal problems as well as helping develop personal goals for the future. I have found that this makes the teacher/student relationship richer.

Finally, as students grow and develop, I believe that I must too. I am dedicated to improving my teaching skills, learning and developing new methods for effective teaching, and reflecting on my experiences. This is facilitated through attending teaching workshops, administering formative and summative evaluations in all of my classes, reading articles on teaching efficacy, and keeping a personal journal of my instructional activities. Teaching is a pleasure for me, and I feel that self-reflection and the desire to improve will make the activity even more joyous in the future.

## Teaching Responsibilities

Year	Course Code and Number	Enrolment
2020 - 2021	ENVS 3501 (F)	51
	ENVS 3000 (F/W/S)	10
	ENVS 4901 (W)	7
	ENVS 4902 (F)	6
2019 - 2020	Sabbatical	
2018 - 2019	ENVS 3501 (F)	46
	ENVS 3000 (F/W/S)	20
	ENVS 4901 (W)	13
	ENVS 4902 (F)	13
2017 - 2018	ENVS 3501 (F)	54
	ENVS 3000 (F/W/S)	18
	ENVS 4901 (W)	9
	ENVS 4902 (F)	9
	ENVS 3801 (Directed Readings)	2
2016 - 2017	Leave of Absence	
2015 - 2016	ENVS 3501 (F)	52
	ENVS 3502	48
	ENVS 3000 (F/W/S)	9
	ENVS 4901 (W)	11
	ENVS 4902 (F)	11
	ENVS 3801 (Directed Readings)	2
2014 - 2015	ENVS 3501 (F)	38
	ENVS 3502	42
	ENVS 3000 (F/W/S)	9
	ENVS 4901 (W)	7
	ENVS 4902 (F)	7
	ENVS 3801 (Directed Readings)	1
2013 - 2014	ENVS 3501 (F)	41
	ENVS 3502	47
	ENVS 3000 (F/W/S)	15
	ENVS 4901 (W)	6
	ENVS 4902 (F)	6
2012 - 2013	Sabbatical Leave (Fall)	
	ENVS 3502 (W)	36
	SUST 3502 (W)	63
	ENVS 5049 (W)	2
2011 - 2012	Sabbatical Leave (S/F)	
	Medical Leave (W)	
2010 - 2011	ENVS 3501	47
	ENVS 5049	2
	ENVS 3502	34
	SUST 3502	31
	ENVS 3801 (Directed Readings)	1
	ENVS 3000	13
2009 - 2010	ENVS 4902 (F)	3
	ENVS 3502 (W)	56
	SUST 3502 (W)	12

	ENVS 5049 (Directed Readings) (S)	2
2008 - 2009	ENVS 4901 (F)	10
	ENVS 4902 (F)	1
	ENVS 3502 (W)	47
	ENVS 4901 (W)	3
	ENVS 4902 (W)	9
	ENVS 3801 (W)	3
	ENVS 4902 (S)	2
2007- 2008	Parental Leave	
2006-2007	ENVS 3501 (F)	54
	ENVS 4901 (F)	14
	ENVS 3502 (W)	53
	ENVS 4902 (W)	13
	ENVS 3801 (W)	3
	ENVS 4902 (S)	1
2005-2006	Parental Leave	
2004-2005	ENVS 3501 (F)	45
	ENVS 3801 (F)	1
	ENVS 3502 (W)	51
	ENVS 5049 (W)	2
2003 - 2004	ENVS 4900.06 (F/W)	2
	ENVS 3501 Section 1 (F)	19
	ENVS 3501 Section 2 (F)	37
	ENVS 3000 (F/W/S)	18
	ENVS 3801 (F)	2
	ENVS 3801 (W)	1
	ENVS 3502 (W)	58
	ENVS3801 (W)	1
ENVS 2002 - 2003	ENVS 1000.06 (F/W)	178
	ENVS 3501 Section 1 (F)	31
	ENVS 3501 Section 2 (F)	19
	ENVS 3801 (F)	1
	ENVS 3000 (F/W/S)	5
	ENVS 3502 (W)	35
2001 - 2002	ENVS 3801 (W)	2
	SCIE 1000.06 (F/W)	174
	SCIE 3501 Section 1 (F)	33
	SCIE 3502 (W)	23

### Graduate Student Supervision

2021 - present	Ms. Natasha Yates, Ed.D. Hamline University, Minnesota	Committee Member
2021 - present	Ms. Emma Bugg, Master of Environmental Studies, School for Resource and Environmental Studies, Dalhousie University	Supervisor
2020 - present	Ms. Jessica MacKeen, Master of Environmental Studies, School for Resource and Environmental Studies, Dalhousie University	Supervisor
2016 - 2021	Dr. Jaylene Murray. Committee Member, Ph.D. University of Saskatchewan	Committee Member

2017 - 2020	Ms. Jennifer Yakamovich, Master of Environmental Studies, School for Resource and Environmental Studies, Dalhousie University	Supervisor
2015 - 2018	Ms. Nazanin Omnivar, Master of Environmental Studies, School for Resource and Environmental Studies, Dalhousie University	Supervisor
2014 - 2016	Mr. Adam Cheesman, Master of Environmental Studies, School for Resource and Environmental Studies, Dalhousie University	Supervisor
2014 - 2017	Ms. Kerri McPherson, Master of Environmental Studies, School for Resource and Environmental Studies, Dalhousie University	Supervisor
2011 - 2015	Dr. Misael Sebastián Gradilla Hernández. Ph.D., University of Guadalajara Mexico	Committee Member
2014 - 2017	Ms. Jennifer Publicover, Master of Environmental Studies, School for Resource and Environmental Studies, Dalhousie University	Supervisor
2009 - 2015	Ms. Heather Elliot, Master of Environmental Studies, School for Resource and Environmental Studies, Dalhousie University	Supervisor
2020 - present	Ms. Emma Bugg, Master of Environmental Studies, School for Resource and Environmental Studies, Dalhousie University	Supervisor
2012 - 2014	Ms. Lauri Lidstone, Master of Environmental Studies, School for Resource and Environmental Studies, Dalhousie University	Supervisor
2010 - 2013	Ms. Rebecca McNeil, Master of Environmental Studies, School for Resource and Environmental Studies, Dalhousie University	Supervisor
2010 - 2013	Mr. Paul Sylvestre, Master of Environmental Studies, School for Resource and Environmental Studies, Dalhousie University	Supervisor
2009 - 2011	Ms. Elizabeth Spence, Master of Environmental Studies, School for Resource and Environmental Studies, Dalhousie University	Co-Supervisor
2009 - 2012	Ms. Frances Ross, Master of Environmental Studies, School for Resource and Environmental Studies, Dalhousie University	Co-Supervisor
2009 - 2012	Ms. Kimberley Monaghan, Master of Environmental Studies, School for Resource and Environmental Studies, Dalhousie University	Supervisor
2006 - 2009	Dr. Gregory Roberts. Ph.D., Faculty of Education, Prescott College, USA	Supervisor
2004 - 2006	Ms. Linda Goh, Master of Environmental Studies, School for Resource and Environmental Studies, Dalhousie University	Co-Supervisor
2004 - 2006	Ms. Elizabeth Elias, Master of Environmental Studies, School for Resource and Environmental Studies, Dalhousie University	Supervisor
2003 - 2005	Ms. A.J. Sainsbury, Master of Arts in International Development Studies, Dalhousie University	Supervisor
2001 - 2003	Ms. Emily MacMillan, Master of Environmental Studies, School for Resource and Environmental Studies, Dalhousie University	Co-Supervisor
2001 - 2003	Ms. Lindsay Cole, Master of Environmental Studies, Royal Roads University	Committee Member

### Undergraduate Honours Student Supervision

2021-2022	Hope Moon, Environmental Science	Supervisor
2021-2022	Emily Lannigan, Environmental Science	Supervisor
2021-2022	Megan Haley, HEnvironment Sustainability and Society	Supervisor
2020-2021	Chiara Ferrero-Wong, Environmental Science	Supervisor
2019-2020	Jessica MacKeen, Environment Sustainability and Society	Supervisor
2018-2019	Chelsey Harrington, HEnvironment Sustainability and Society	Supervisor

2017-2018	Jonas Goldman, Environmental Science	Co-Supervisor
2017-2018	Anika Riopel, Environment Sustainability and Society,	Supervisor
2017-2018	Frankie Martin, Environmental Science	Supervisor
2015-2016	Camille Dumulon-Lauzière, Environment Sustainability and Society	Supervisor
2015-2016	Adrien Ojoleck, Environmental Science,	Supervisor
2014-2015	Caitlyn McMaster, Environmental Science	Co-Supervisor
2013-2014	Jie Ma, Environmental Science	Co-Supervisor
2013-2014	Katherine Connoly, Environment Sustainability and Society.	Supervisor
2012-2013	Britany McGuire, Environment Sustainability and Society	Supervisor
2012-2013	Naomi Horst, Environment and Resource Studies, University of Waterloo.	Co-Supervisor
2009-2010	Benjamin Ojoleck, Environmental Science,	Supervisor
2009-2010	Johnathon Briggins. Environmental Science,	Co-Supervisor
2006-2007	Lilith Wyatt, Environmental Science	Supervisor
2003-2004	Becky Francis, International Development Studies	Supervisor
2003-2004	Daun Lynch. Environmental Science	Supervisor
2003-2004	Ainslee Emerson. Honours Political Science	Supervisor
2003-2004	Elizabeth Hendrix. International Development Studies	Supervisor
2003-2004	Sarah Mallan. International Development Studies	Supervisor

#### Graduate Student External Examination

2021	Edith Uba. "Plastic Pollution and Youth Engagement: Addressing Negative Health Impacts". MA Health Promotion, Dalhousie University
2020	Anika Smithson. "The Great Canadian Green Crab Hunt: An Evaluation of an Experiential Environmental Education Program for High School Students". M.Sc. Acadia University
2018	Kaitlyn Harris. "Inter-generationally blind resource management? Opportunities and obstacles for youth participation in coastal management and decision-making in Nova Scotia", Canada. Dalhousie University
2016	Dr. AV Agbedahin. "A Morphogenic and Laminated System Explanation of Position-Practice Systems and Professional Development Training in Mainstreaming Education for Sustainable Development in African Universities". Rhodes University, South Africa
2015	Dr. Tim Lang. "Quantitatively Assessing the Role of Higher Education in Sustainability". Doctor of Philosophy, Faculty of Engineering, University of Toronto
2009	Dr. Muchaiteyi Togo. "A Systems Approach to Mainstreaming Environment and Sustainability in Universities: The Case of Rhodes University, South Africa". Doctor of Philosophy, Rhodes University.
2006	Dr. Cecilia Adwoa Gyan. "A Comparative Analysis of Environmental Policies of South African Universities". Doctor of Philosophy, Rhodes University
2004	Dr. Janet Moore, Recreating the University from Within: Sustainability and Transformation in Higher Education. Ph.D., University of British Columbia

### Editorial Responsibilities

- 2020 - present Member of the Editorial Board, *Sustainability*
- 2009 - 2018 Member of the Editorial Board, *International Journal of Sustainability in Higher Education*
- 2015-2018 Member of the Editorial Board, *Handbook on Higher Education for Sustainable Development*
- 2015 - 2016 Guest Editor, *Special Volume (SV) on Education for Sustainable Development (ESD) of Journal of Cleaner Production*
- 2010 - 2013 Member of the Editorial Board, *Encyclopaedia of Quality of Life Research, Springer Publishing Ltd.*
- 2008-2011 Member of the Editorial Board, Dalhousie University Green Guidey
- 2003 Guest Editor, *Special Volume (SV) on Student Research in Education for Sustainable Development (ESD), International Journal of Sustainability in Higher Education*
- 2006 Member of the Editorial Board, *Sustainability*
- 2004 Member of the Editorial Board, *Sustainability*

### Reviewer Responsibilities

- 2009 - present International Journal of Sustainability in Higher Education (30 reviews)
- 2015-2018 Handbook on Higher Education for Sustainable Development (13 reviews)
- 2017 International Journal of Education Research (1 review)
- 2011 - present International Journal of Environmental Education (7 reviews)
- 2010 - present Journal of Cleaner Production (23 reviews)
- 2010 - present Journal of Education for Sustainable Development (9 reviews)
- 2001 - 2007 Canadian Journal of Environmental Education (3 reviews)
- 2003 Polish Journal of Environmental Education (1 review)
- 2001 Natural History of The Gila (1 review)

### Service to Granting Agencies

- 2017 Reviewer, Social Sciences and Humanities Research Council of Canada (SSHRC) Insight Development Grants
- 2012-2013 Reviewer, Social Sciences and Humanities Research Council of Canada SSHRC), Banting Post Doctoral Fellowship Committee,
- 2009-2010 Chair, Social Sciences and Humanities Research Council of Canada SSHRC), - Civilization and the Environment Post-Doctoral Fellowship Review Committee,
- 2006 - 2009 Member, Social Sciences and Humanities Research Council of Canada SSHRC), - Civilization and the Environment Post-Doctoral Fellowship Review Committee,
- 2001 - 2004 Member, Canadian International Development Agency (CIDA), CIDA-CFHSS Collaborative Program Committee



## External Committee Work

2020 - present	Member, IUCN Commission on Education and Communication
2019	External Program Examiner, University of British Columbia Sustainability Initiative
2015 - present	Member, Science Atlantic Environment Committee
2010 - 2019	Member, World Wildlife Fund Atlantic Senior Council, 2010-present
2011-2018	Member, Sustainability and Education Partnership Network Board of Directors,
2017	External Reviewer, Tenure and Promotion file, University of Saskatchewan,
2014 -2017	Sustainable Canada Dialogues Outreach Working Group,
2014	External Reviewer, Tenure and Promotion file, Faculty of Education, University of British Columbia
2014	Expert Review Panel Member, Environmental Education at Griffith University.
2012 - 2015	Member, Board of Directors, Shambhala School
2010 - 2011	Member, Environmental Scholarship in an Unsustainable World Conference, Waterloo Ontario
2008 -2010	Member - Scientific Advisory Board. European Roundtable on Sustainable Consumption and Production (ERSCP) and Environmental Management for Sustainable Universities (EMSU)
2009 - 2015	Board Member - World Sustainable Development Teach-In Day
2004- 2010	Member - Sciences Sectoral Commission, Canadian Commission for UNESCO,
2007 - 2010	Member - Atlantic Provinces Council on the Sciences Natural Resources and Environment Committee
2008-2010	Advisory Committee Member, National Advanced Certificate in Local Authority Administration (NACLAA) Sustainable Communities
2002 - 2010	Steering Committee Member - Canadian Consortium for Sustainable Development Research
2008-2009	Advisory Committee Member, Sustainability Education in Nova Scotia for Everyone
2007	Conference Co-Chair - Global Ecological Integrity Group Annual Conference,
2002 - 2007	Atlantic Canada Judge - Toyota Earth Day Scholarship Program , 2002
2001 - 2007	Caucus Member - Canadian Environmental Network Environmental Education Caucus
2004 - 2007	Committee Chair - Ecology Action Centre Personnel Committee
2005 - 2006	Chair of 35 <sup>th</sup> Anniversary Events Committee - Ecology Action Centre
2005	Workshop Chair and Organizer - Sustainability in Higher Education: Developing a Comprehensive Research Plan
2004 -2005	Co-Chair of the Board - Ecology Action Centre
2003 - 2006	Committee Member - Canadian Council of University Environmental Science Program Heads
2003 - 2006	Steering Committee Member - Northeast Campus Sustainability Coalition Summit
2003	Conference Coordinator - Environmental Studies Association of Canada Annual Conference
2001 - 2003	Board Member - Environmental Studies Association of Canada
2000 - 2002	Advisory Board - Campus Eco-village Network of North America
2000 - 2002	Member - World Wildlife Fund Coral Action Research Group

## Internal Committee Work

2021 - 2022	Member, Tenure and Promotion Committee, College of Sustainability
2021 -	Chair, Undergraduate Affairs Committee, Department of Earth and Environmental Sciences
2021 -	Member, Faculty of Science Curriculum Committee
2020 -	Member, College of Sustainability Advisory Committee
2018 -	Faculty of Science Co-Op Advisory Team Member
2019 -	Member, Tenure and Promotion Committee, Department of Earth and Environmental Sciences
2020 - 2021	Member, Search Committee, College of Sustainability
2020 - 2021	Chair, Elizabeth May Chair in Sustainability and Environmental Health Hiring Committee
2020 - 2021	Chair, LTA in Environmental Science Hiring Committee
2018 - 2021	Member, Tenure and Promotion Committee, School of Planning, Faculty of Architecture and Planning
2019 - 2020	Chair, Environmental Science Hiring Committee
2019 - 2020	Member, Academic Search Committee, School of Planning, Faculty of Architecture and Planning 2019
2018	Member, Teaching and Learning Enhancement Grant Committee
2014 - 2017	Member, Undergraduate Student Research Awards Committee, Faculty of Science,
2015-2018	Chair, Environmental Science Promotion Committee,
2014-2017	Member, Dalhousie University Senate
2015-2016	Member, Environmental Science Search Committee
2014 - 2015	Member, Provost Task Force for Reorienting Environment, Development and Sustainability Programming at Dalhousie University
2014 - 2015	Chair, Environmental Science Curriculum Mapping Group
2013 - 2014	Chair, Environmental Science Search Committee
2013	Member, Undergraduate Student Research Awards Committee, Faculty of Science
2008 - 2013	Member, College of Sustainability Undergraduate Curriculum Committee,
2011 - 2013	Member, World Wildlife Fund and Dalhousie University Advisory Group for the Ocean Conservation Partnership
2009 - 2010	Member, Faculty of Management - School for Resource and Environmental Studies, Faculty Search Committee
2009 - 2010	Chair, College of Sustainability Personnel Committee
2009 - 2010	Chair, College of Sustainability Undergraduate Curriculum Committee
2008 - 2010	Member, College of Sustainability Executive Committee
2008	Member, Faculty of Management - School for Resource and Environmental Studies Directorship Search Committee
2007	Member, Faculty of Graduate Studies - Review Committee for M.Sc. Program in Agriculture with Nova Scotia Agricultural College
2005 - 2007	Member, Dalhousie Student Union Sustainability Advisory Committee
2002 - 2007	Chair, Senate Environment Committee
2001 - 2007	Member, Dalhousie University Senate Environment Committee Sub-Committee on the Environmental Policy Implementation Plan
2001 - 2007	Member, Faculty of Science Curriculum Committee
2001 - 2007	Member, Faculty of Science Planning Committee
2001 - 2002	Member, Faculty of Science Bachelor of Environmental Science Sub-Committee

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## Selected Highlights of Administrative Work

I began my career at Dalhousie as an academic administrator. I was hired in 2001 as the first Director of Environmental Programs for the Faculty of Science at Dalhousie University. My initial responsibilities as Director included the administration of the unit: its programs (at that point a Minor in Environmental Studies), staff and faculty; preparing budgets, allocating teaching assignments, teaching in the program, service to the Faculty of Science Executive Committees, and developing a full major program in Environmental Science. With the enthusiastic and capable support of the Dean, I collaboratively developed and launched the B.Sc. in Environmental Science in 2003, a program that enjoys increased enrolment almost every year since its inception. In my position as Director, I liaised with various departments, faculties, universities and environmental agencies and companies in Halifax with interests in environmental fields which resulted in the development of collaborative relationships and official Minors in Environmental Studies with the Faculty of Architecture and Planning, Faculty of Engineering, Faculty of Computer Science, Kings College, and Faculty of Arts and a double Major in the College of Sustainability. Working closely with community stakeholders such as Stantech, Ecology Action Centre, Clean Nova Scotia Foundation, World Wildlife Fund, Environment Canada, CBCL, and the Bedford Institute of Oceanography, I developed an Internship Program in Environmental Science to help students get hands-on job experience while applying the skills they have learned in their undergraduate courses. I raised the profile of Environmental Science at Dalhousie University through the development of an national advertisement campaign (and a collaboration with a 4<sup>th</sup> year NSCAD design course), and by representing Environmental Science on various provincial and national committees including the National Environmental Science Directors Committee, and the Atlantic Provinces Council on the Sciences Environmental Studies Committee (now Science Atlantic).

Upon returning from a parental leave in August 2008, I stepped into the role of Associate Director (Undergraduate) in the burgeoning College of Sustainability where I played a pivotal role in the development of the College governance structure, and the development of the Environment, Sustainability and Society (ESS) undergraduate program. I was deeply involved in the original conceptualization of the College for three years before it became a reality within the university. During my time as Associate Director, I worked collaboratively with colleagues throughout the university and provided general oversight and leadership for the ESS program. I also led a consultative process amongst core faculty to develop consensus on the knowledge, concepts, dispositions, and skills that ESS students should acquire through the program. This process involved conducting a Delphi study that began with 188 participants from academia, the not-for-profit sector and relevant government departments/agencies, and concluded in 59 areas that were ranked as highly important for inclusion in the ESS curriculum, and that could then be evaluated annually in the review of the ESS program.<sup>1</sup>

Since stepping back from my Associate Director role at the College of Sustainability, and returning to the Faculty of Science, I have continued to use my administrative skills with the goal of serving our scholarly community. I have chaired numerous internal and external committees and have served on the University Senate. I am currently the Environmental Science Program Coordinator in the newly formed Department of Earth and Environmental Sciences and continue to act as the Co-Op and Internship Coordinator for both the Earth Science and Environmental Science programs. Finally, in 2019 I was appointed as the Dalhousie University Coordinator for the Queen Elizabeth Program which allows for the professional development and exchange of ideas amongst young people from Dalhousie University, Cape Eleuthera Institute, and the University of the Bahamas with a focus on environmental sustainability. I work closely with both the university's International Centre, and Universities Canada in managing the program for the university.

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<sup>1</sup> **Wright, T.**, Defields, D. (2012). Determining the "Essentials" to Include in an Undergraduate Sustainability Degree Program: A Delphi Study at Dalhousie University. *Journal of Education for Sustainable Development*, Vol. 6 No. 1.