

DALHOUSIE GRADUATE STUDENTS CONFERENCE

***Global Solutions to Global Problems:
Expanding the Bounds of Knowledge***

4 April 2019 | 12-5pm | McInnes Room, SUB

Register online: dags.ca/graduate-student-events

12PM KEYNOTE ADDRESS: Dr. Debbie Martin

1:45PM SYMPOSIUM SESSIONS & ROUNDTABLE DISCUSSIONS:

- ***Sustainability Session*** featuring Dr. Steve Mannel and Dr. Kate Sherren - McInnes Room
- ***Health Session*** featuring Dr. Barbara-Ann Hamilton-Hinch - Council Chambers

3PM PANEL PRESENTATION: featuring Dr. Patti Doyle-Bedwell, Dr. Mannel, Dr. Sherren, and Dr. Hamilton-Hinch

Free food and refreshments for conference attendees throughout the day

5PM - 7PM FREE RECEPTION: for attendees featuring international food!

Graduate Student Appreciation Night will follow the conference reception at the University Club at 7pm!

All graduate students are welcome!



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DAGS
Dalhousie Association
of Graduate Students



DALHOUSIE 1818
UNIVERSITY 2018

Land Acknowledgement

Dalhousie University is located in Mi'kma'ki, the ancestral and unceded territory of the Mi'kmaq People. In 1726, the Wəlastəkwiyik (Maliseet), and Passamaquoddy Peoples signed the “Treaties of Peace and Friendship” with the British Crown. These treaties recognized the legitimacy of the Mi'kmaq and Wəlastəkwiyik (Maliseet) title over the land. No surrender of land and resources was outlined in these treaties, and in fact they recognized and established the framework for what was to be a continuous relationship between two nations. We are all Treaty People and have the responsibility to educate ourselves and understand the history of the relationship between Indigenous Peoples, and the expectations set out in the Treaties of Peace and Friendship that were meant to govern this relationship. Particularly in a university setting, we need to recognize the systemic inequities and violence that have historically, and that continue to be perpetuated against Indigenous Peoples. We must work to acknowledge the legitimacy of Indigenous over our land and resources, as well as the value of their ways of knowing and being.

Notes on Accessibility:

The McInnes room and Council Chambers are wheelchair accessible. The second floor can be accessed using the elevator. There are two gendered washrooms located on the second floor beside the conference location. There are two gender neutral washrooms located on the third floor.

The LeMarchant Building Atrium and International Centre (1st Floor) are wheelchair accessible, particularly through the LeMarchan Street entrance. There is a ramp when approaching from the South Street side. There are two gendered washrooms and a single-stall gender neutral washroom on first floor.

The University Club has a wheelchair lift between the entrance off alumni crescent and the 1st floor (Games Room). Venue staff will be on site to assist with operating the lift.

Thank You Sponsors!

This conference would not be possible without the support of the Dalhousie University Community. We would like to especially thank the **Dalhousie University President's Office**, **Dalhousie Student Union**, the **Faculty of Graduate Studies**, and the **Dalhousie International Centre** for the financial contributions that have brought this conference to fruition!



About The Speakers

Keynote Speaker

Dr. Debbie Martin - Tier II Canada Research Chair, Indigenous Peoples Health and Well-Being



Professor Martin is a graduate of the Interdisciplinary PhD programme here at Dalhousie. She is Inuk and a member of NunatuKavut [pronounced NOONA-TOO-HA-VOOT]. She currently holds a Canada Research Chair in Indigenous Peoples Health and Wellbeing and serves as Chair for the Institute Advisory Board of the Institute of Indigenous Peoples Health (at the Canadian Institutes for Health Research). She leads the Atlantic Indigenous Mentorship Network, a CIHR-funded network that offers capacity-building and mentorship opportunities for students interested in Indigenous health research. She is also an Associate Professor in Health Promotion, with cross-appointments in the Faculty of Dentistry, and the School for Resource and Environmental Studies in the Faculty of Management. Her research scope is wide-ranging, covering social determinants of health, food justice, oral health promotion, community-based participatory research, among others. Through her work, she aims to prevent chronic diseases, which are disproportionately higher among Indigenous peoples in Canada. She is an advocate for other forms of knowing, particularly Indigenous ways of knowing. The Dalhousie Graduate Students Conference is excited to have Prof. Martin as keynote speaker."

Session Speakers and Panelists

Prof. Barbara-Ann Hamilton Hinch - Associate Professor, Recreation and Leisure Studies



Prof. Hamilton Hinch (or Barb as popularly known) is many things rolled into one - the first African Nova Scotian-born to graduate with a PhD from Dalhousie University, a co-chair of Promoting Leadership in Health for African Nova Scotians (PLANS), a co-founder of the Imhotep’s Legacy Academy, a former Advisor at the Black Students Advising Center and a professor at the School of Health and Human Performance. Her research interests include institutional racism, racism and health and diversity. Barb is well published and one of her very important works is *Making Diversity Work: From Awareness to Institutional Change*. The Dalhousie Graduate Students Conference is excited to have Prof. Hamilton-Hinch as speaker at our session on Health research and as a panelist.

Dr. Kate Sherren - Associate Professor, School for Resource and Environmental Studies, Dalhousie University.



Dr. Sherren researches multifunctional landscapes; cultural ecosystem services; climate adaptation; environmental education; and the organizational and intellectual challenges of cross-cutting topics like sustainability. She uses and often integrates various social and spatial research methods in her applied resource-focused research. Dr. Sherren runs a very active lab with various graduate students and post-doctoral fellows. She teaches courses including qualitative data analysis and GIS for Resources and Society. In 2018, Dr. Sherren was appointed as one of the four members of the Nova Scotia Biodiversity Council. A council which helped craft the recently proposed Nova Scotia Biodiversity Act. A prolific researcher and author, Kate’s recent publications include *Expanding the Role of Social Science in Conservation through an Engagement with Philosophy, Methodology and Methods* and *From Climax Thinking toward a Non-equilibrium Approach to Public Good Landscape Change*. The Dalhousie Graduate Students Conference is excited to have Dr. Sherren as speaker at its session on Sustainability (Climate change and food security) and as a panelist.

Dr. Steven Mannell - Director, College of Sustainability, Dalhousie University



Prof. Mannell is an environmentalist, architect, and the Director of the College of Sustainability. In 2007, he facilitated a cross-disciplinary collaboration among professors and students at Dal to establish the College of Sustainability. Teaching Sust. 1000, a course with over 300 students, Steve has brought to the fore innovative teaching approaches including collaborative teaching and the use of vernacular technologies. Steve espouses the sustainability lifestyle including having a garden designed as a bird and pollinator habitat and spending most of every August completely off-grid. Steve also plays the banjo with the *Sustainability Stringband*. The Dalhousie Graduate Students Conference is excited to have Prof. Mannell as speaker at its session on Sustainability (Climate change and food security) and as a panelist.

Dr. Patricia Doyle-Bedwell - Professor, Native Studies



Dr. Doyle-Bedwell is a lawyer, Aboriginal Women rights advocate, author, and a public speaker on issues of Indigenous peoples, human rights, and education. She is a holder of the Diamond Jubilee Medal from the Government of Canada, has served as the Chair of the Nova Scotia Advisory Council on the Status of Native Women and is currently the co-Chair of the Indigenous Strategy Steering Committee at Dalhousie. Dr. Doyle-Bedwell has over time taught courses including Indigenous Peoples and International Human Rights, Indigenous Peoples and Natural Resources, and Aboriginal Peoples and the Law. She is a prolific author. Her works include *Mi’kmaq Anthology II* and *Living Indigenous Leadership Native Narratives on Building Strong Communities. Qualitative and Decolonizing Research: Examining Collaborative Podcasting as a Research Method*. The Dalhousie Graduate Students Conference is excited to have Dr. Doyle-Bedwell as a panelist.

About The Student Presentations - 1:45pm - 3pm

Health Session (Council Chambers)



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STUDENT PRESENTER
Salma Almukhaini
PhD in Nursing candidate

“Embodying care science as Islamic perspective of care: implications for nursing practice”

With increasing the number of Muslim populations in general and Muslim immigrants in particular, all over the world, there is an urgent need to establish a model of care that enable nurses, especially non-Muslim, to meet the unique needs of their Muslim patients. Salma’s research aims to compare and contrast the Islamic perspective of care and Watson’s caring science and attempts to align the two perspectives. Despite many similarities between the two, some significant differences exist. By embracing and integrating the Islamic perspective of care into Watson’s ten caritas processes, a new model of care has emerged. This model of care will enable nurses, especially non-Muslim, to have a practical guide on how to optimize their nursing care for Muslim patients.

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STUDENT PRESENTER
Logan Lawrence
PhD in Health candidate



“Health Policy Capacity”

Logan Lawrence is a PhD candidate and Killam Scholar in the PhD Health program. He’s passionate about better understanding the world, and is figuring out how to turn that understanding into action. He is a recipient of the Nova Scotia Health Research Foundation’s “The Quest” award for his research. He currently holds a Canadian Institutes of Health Research “Health System Impact Fellowship”, and works part-time with the Nova Scotia Department of Health and Wellness and balance policy ‘theory’ with policy ‘practice.’ Logan will be presenting on health policy capacity: the ability of governments (and their partners) to change our health care system. What does it take to make change happen? Specifically, how does change happen at the policy level? His research seeks to identify the required “ingredients” for policy change and guide others on how we can collectively address complex problems to make this world a better place.

Sustainability (Food Security & Climate Change Session (McInnes Room))

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STUDENT PRESENTER
Jillian Hatcher
MA in Political Science candidate



“The Shrinking of Lake Chad: Conflict and Climate”

Jillian’s research focuses on using an interdisciplinary approach to understanding the relationship between conflict and climate change in the Global South, and the implications that a warming planet has on armed violence, food security, and patterns of migration. Her project intends to propose a model for understanding climate change as a primary variable in perpetuating conflict in regions which are already dealing with issues of volatility, poverty, or inter-group tensions. It is essential to understand conflict from a number of different angles to provide the best solutions from the perspective of stimulating long-term sustainable development and security.

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STUDENT PRESENTER
Varsha Hemrajani
Master of Electronic Commerce candidate



“Data driven E-solution for Global food Insecurity and green house gas emission caused due to meat consumption”

In 2016, there were 815 million hungry people in the world. In 2018 climatic disasters cost the globe \$100 billion. One of the major reasons for this is the impact of food insecurity on climatic changes and vice-versa. One solution is to develop an application to visualize and predict the effect of meat on food insecurity and climate on a regular basis using data analysis and machine learning algorithms. With this information, we can weigh the cost and benefits of meat consumption and work to protect the environment.

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STUDENT PRESENTERS
Justine Dol **Rachel Ollivier**
PhD in Health candidate PhD in Nursing candidate



“Essential Coaching for Every Mother”

Rachel is a doctoral student in the School of Nursing at Dalhousie University. She is a recipient of the NSHRF Scotia Scholar Award, Nova Scotia Graduate Scholarship, and was awarded the Canadian Queen Elizabeth II Diamond Jubilee Scholarship in 2018. Her doctoral research aims to explore postpartum sexual health in Nova Scotia using a feminist post-structural methodology.

Justine is a doctoral candidate in the PhD in Health program at Dalhousie University. She is a recipient of the CIHR Frederick Banting & Charles Best Canada Graduate Doctoral Award to honor Nelson Mandela and was awarded the Canadian Queen Elizabeth II Diamond Jubilee Scholarship in 2017. Justine’s doctoral research focuses on education and empowerment of mothers during the postnatal period in Canadian and Tanzanian mothers.

Regardless of where a mother lives, the transition to motherhood is an exciting yet challenging period that requires significant adjustment to new norms and expectations. Mothers in Tanzania and Canada often receive little standardized education about how to care for their newborn after giving birth. Rachel and her team propose a new intervention as an innovative strategy to improve newborn care and improve mothers’ knowledge of newborn care.

Session Schedules - 1:45pm - 3pm

Locations

- Health Session - Council Chambers
- Sustainability Session (Food Security & Climate Change) - Mcinnes Room

- Dr. Barbara-Ann Hamilton-Hinch
- Salma Almukhaini - Embodying Care Science as an Islamic Perspective of Care: Implications for Nursing Practice
- Logan Lawrence - Health Policy: Ability of Governments to Change the Health Care System
- Rachael Ollivier & Justine Dol - Essential Coaching for Every Mother: Postnatal Health Education for mothers

Health Session - Council Chambers

- Jillian Hatcher - The Shrinking of Lake Chad: Conflict and Climate
- Prof. Steve Mannel - Responsive and Solution-Oriented Interdisciplinary Graduate Research
- Varsha Hemrajani - Data Driven E-Solution for Global Food Insecurity and Greenhouse Gas Emission Caused due to Meat Consumption.
- Prof. Kate Sherren: Farmers as Experts, Stewards and Producer

Sustainability Session (Food Security & Climate Change) - Council Chambers