

BETTER TOGETHER



GSRC

Graduate Student Research Conference

2022 GRADUATE STUDENT RESEARCH CONFERENCE (GSRC)

OCT. 14-15, 2022



Athabasca University
Graduate Students'
Association



Schedule of events

Time	Friday, Oct.14	Room
6-6:10 p.m.	Welcome from Dr. Peter Scott, President of Athabasca University	Main stage
6:10-6:20 p.m.	Keynote Speaker: Dr. Andrew Perrin, Associate VP Research	Main stage
6:20-7:35 p.m.	Panel Presentation: Demystifying Research	Main stage
7:40-8 p.m.	Announcement of Abstract Winners	Room A
8-9 p.m.	AUGSA Social Hour and Scavenger Hunt	Room A
Time	Saturday, Oct. 15	Room
9-9:15 a.m.	Welcome from Dr. Shawn Fraser, Dean, Faculty of Graduate Studies and Greetings from Dr. Matt Prineas, Provost and VP Academic	Main stage
9:20-10:30 a.m.	Paper presentations (see p. 2)	Rooms A - D
10:30-10:45 a.m.	Break	
10:50-12:25 p.m.	Paper presentations (see p. 3-4)	Rooms A - D
12:30-1 p.m.	Lunch	
1:05-2:05 p.m.	Motivational Speaker: Warren Macdonald	Main stage
2:10-3:20 p.m.	Paper presentations (see p. 5-6)	Rooms A - D
3:20-3:35 p.m.	Break	
3:40-3:50 p.m.	Shauna Zenteno, Guest Speaker	Main stage
3:50-4 p.m.	PowerED Introduction and Draw Prize	Main stage
4:05-4:25 p.m.	Paper presentations (see p. 7)	Rooms A - D
4:30-5 p.m.	Poster presentations (see p. 8)	Exhibition booths
5-5:15 p.m.	Voting: People's Choice Award Draw for Door Prizes Closing Remarks	Main stage

All times are in Mountain. This schedule is subject to change. Please refer to the [program](#) on the conference website for a schedule listed in real-time.



Paper presentations

Time	Paper presentations	Room
9:20-9:40 a.m.	Sami Houry & Isaac Nyamekye: Institutional Data Analysis	Room A
9:45-10:05 a.m.	Chowdhury Sarker Jihan (MScIS): Exploring the Effectiveness of Bug Triaging Through the Implementation of BERT Based Deep Learning Model	Room A
	Ethel Craft (DBA): Advancing Women in Political Leadership	Room B
	Joanie Maynard (MN): Anticipatory grief in parents of children who have a non-malignant life-limiting condition	Room C
	Bernard Kikechi (MEd): Instructional Design Strategies Among youth in an Amref Youth Advocacy Project in Kenya	Room D
10:10-10:30 a.m.	Scott Howell (MAIS): Exploring Evolved Teaching Perspectives in Geographically Insulated Canada. A cause-and-effect literature review by Scott Howell	Room A
	Jason Kauenhofen (DBA): Cultural Integration Modelling: Frictional facets as antecedents to predicting organizational integration	Room B
	Jill Henderson (MN): Accessing Medical Assistance in Dying: A Narrative Review of Nursing and Patient Perspectives	Room C
	Jean Smith (EdD): The Just-In-Time Learning Activities of Rural Registered Nurses	Room D

To read the student biographies and their abstracts, please visit the [AU Graduate Student Research Conference website](#). Please note that all paper presentations will be 15 minutes, with 5 minutes following for questions.



Paper presentations

Time	Paper Presentations	Room
10:50-11:10 a.m.	Stephany Laverty (MAIS): The Future of NATO: Lessons from the Past and Current Global Context	Room A
	Roy George (DBA): Post Choice Consumer Regret: The Impact of Intangibility, Evaluation Difficulty, Self-Expectancy and Social Comparison Orientation	Room B
	Alia Lagace (MN): English as an Additional Language Learners' Journey Through Nursing Education in Canada	Room C
	Hilary Schmidt (MEd): Survivors of Complex Trauma as Adult Online Learners: A Case Study	Room D
11:15-11:35 a.m.	Lynn Long (MAIS): Barrier Blasting: Identifying and Overcoming Barriers to Relationship Repair	Room A
	Dennis Delgado (DBA): Managing Health and Safety in Small Construction Companies (drafting research proposal)	Room B
	Jessica MacIsaac (MHS): Exploring How Resiliency is Defined and Exemplified by an Online Community of Canadian Military Spouses (rescheduled to 12:05 p.m.)	Room C
	Heather McGilvary (EdD): The Online Learning Experiences of Front-line Community Service Workers in Alberta	Room D



Paper presentations

Time	Paper Presentations	Room
11:40-12:00 p.m.	Emmie Li (MAIS): Should we Trust Artificial Intelligence?	Room A
	Robert Kemp (MScIS): Hacking and Hackers: New Development and Trends	Room B
	Sidsel Pedersen (MHS): MakeSpaceForEveryone – Creation of Transgender and Gender Diverse Curriculum in Medical Imaging Programs	Room C
12:05-12:25 p.m.	Lynn Long (MAIS): AR/VR for Multivariable Calculus	Room A
	Oatlotse Gaborone (MScIS): Knowledge Graph-Based Model and its Application for the Cognitive Construction	Room B
	Jessica MacIsaac (MHS): Exploring How Resiliency is Defined and Exemplified by an Online Community of Canadian Military Spouses	Room C
	Mae Doran (EdD): A Virtual Education Intervention to Approximate Hands-on Learning: Via Task-Centered Learning Praxis	Room D



Paper presentations

Time	Paper Presentations	Room
2:10-2:30 p.m.	Hanan Saleh (MScIS): Causality in Unobtrusive Observations of Learning in Digital Environments	Room A
	Alexandra Jovic (MHS): Type 1 Diabetes and Emotional Labour in Young Adults: Interpretive Phenomenological Analysis	Room B
	Emily Caruso Parnell (EdD): Dancing in the Eye of the Storm: Improvisation in the Development of a COVID-19-Era Virtual School	Room C
2:35-2:55 p.m.	Shannon Angrish (MAIS): Literature Review: The Role of Fungi in Indigenous Societies of the Global North (rescheduled to 3 p.m.)	Room A
	Twylla Soosay (MScIS): Indigenization of Content: a step toward the decolonization of higher education curriculum	Room B
	Lindsay Macdonald (MHS): "We Talk Teeth": Constructing a New Narrative of EDIA (Equity, Diversity, Inclusivity and Access) Capacity in Dental Education Using Hermeneutic Inquiry	Room C
	Matthew Treble (MC): Hopelessness and Meaninglessness for Young People as a Result of the Climate Crisis: The Need for a Therapeutic Approach	Room D



Paper presentations

Time	Paper Presentations	Room
3-3:20 p.m.	KD Braden (MAIS): Huachuma - Opening to Authenticity	Room A
	Benjamin Quito (MScIS): Compare and Contrast LiDAR and Non-LiDAR Technology in an Autonomous Vehicle: Developing a Safety Framework	Room B
	Kourtney Hall (MC): Suffering in Silence: The Effects of Women Struggling with Infertility	Room C
	Shannon Angrish (MAIS): Literature Review: The Role of Fungi in Indigenous Societies of the Global North	Room D
4:05-4:25 p.m.	Laura Marchese (MAIS): Considering Emotions and Reasoning in Intercultural Training	Room A
	Arifuzzaman Arif (MAIS): Globalization for Development: Proponents and Opponents	Room B
	Audrey Susin (MBA): Different Leadership Influence on the Deliberative Quality of Citizen Discussions in Different Arenas? Evaluation of Online Deliberation in New Zealand	Room C
	Andrea Matrosovs (MAIS): The Stages and Turning Points in Canadian Municipalities Adopting Municipal Natural Asset Management Practices- A Constructivist Grounded Theory	Room D



Poster presentations

Time	Poster Presentations	Room
4:30-5 p.m.	Meggan Franks (DBA): A Model for Volunteer Engagement: Examining the Relationship Between Inclusive Leadership-Safety & Empowerment	Exhibition booth
	Rebecca Fitzgerald (EdD): A Storied Picture of Hope: Using Narrative Inquiry and Photovoice to Understand International Students' Experience of Hope in Asynchronous and Online Learning Communities in Higher Education	Exhibition booth
	Danica Nolette (MN): Transition Shock and Self-Efficacy for Newly Graduate Nurses Amidst a Global Pandemic: A Literature Review	Exhibition booth
	Sabrina Brodofski (MN): The Barriers and Challenges Experienced by Adults with Autism Spectrum Disorder when Seeking Emergency Care: A Review	Exhibition booth
	Paulette Cormier-MacBurnie (DBA): Intention to Leave and Intention to Stay, The Lived Experiences of Culinary Professionals	Exhibition booth
	Sarah Spicer Reid (MC): Interpersonal Violence Survivors Experience Law Enforcement Officers' Responses	Exhibition booth
	Tracy Quayat (MC): Hoarding Disorder: A Digital-Ethnographic Exploration	Exhibition booth
	Melanie Foisy (MN): 4D Project: Deactivation of Implantable Cardioverter-Defibrillators at a Distance for the Dignity of Dying	Exhibition booth

Poster exhibition booths will be open Oct. 14-15. Presenters and attendees can view posters throughout the conference and ask/answer questions in the Q&A. Poster presenters must be present from 4:30–5 p.m. on Oct.15 to respond to live attendee questions.

Conference hosts

Master of ceremonies



Meaghan Sullivan
Executive Director,
AUGSA

Meaghan manages the Graduate Student Association office and provides guidance and support to the graduate student leaders at Athabasca University. She is the co-chair of the Graduate Student Research Conference. Meaghan joined AUGSA in 2018. Prior to AUGSA, Meaghan's career path progressed through the private, municipal government, and education sectors. She holds an MBA and post-baccalaureate diploma in management from Athabasca University.



Dr. Shawn Fraser
Dean, Faculty of
Graduate Studies
Athabasca University

Dr. Shawn Fraser is Dean of the Faculty of Graduate Studies and a Professor of Health Studies at Athabasca University. He has taught online graduate courses as a faculty member at Athabasca University since 2006 and has served as the Program Director for the Master of Health Studies and Master of Nursing program, and as Associate Dean in the Faculty of Health Disciplines. His main area of research involves understanding the health behaviors of cardiac rehabilitation patients. He is also involved with research in teaching and learning for health professionals and belongs to the learning analytics research group at Athabasca University. In his spare time, he maintains a statistics blog which aims to make statistics accessible. He resides in Edmonton, Alberta.

Keynote speaker

Warren Macdonald



Managing fear is one of the greatest skills we can ever learn, says Warren Macdonald, keynote speaker at the 2022 Athabasca University Graduate Student Research Conference.

Since losing his legs in a rock-climbing accident in Australia, Macdonald has used his story of perseverance to inspire others as a motivational speaker.

“People started wanting to hear my story, and over time I realized how impactful it is for us to share our stories. They remind us that we are not alone, that we are connected to something outside of ourselves,” he said.

Just 10 months after his accident, he climbed Tasmania’s Cradle Mountain using a modified wheelchair and the seat of his pants.

In 2003, he became the first double above-knee amputee to reach the summit of Africa’s tallest peak, Mt Kilimanjaro (19,222ft). Later that same year, in a spectacular effort requiring more than 2,800 pull-ups over 4 days, he climbed America's tallest cliff face, El Capitan.

Warren is also the only above-knee amputee to make an ascent of Canada’s landmark frozen waterfall, the 600 ft “Weeping Wall” in Alberta.

When asked about his best advice, Macdonald emphasized that people are a lot stronger than they realize. “Change is also a shuffling of the deck, or an opportunity to rearrange the pieces of a puzzle. It might be uncomfortable at the time, but to not change is to remain stuck,” he said.

[Read the full story](#) on The Hub.

Panel presenters

Demystifying research



Dr. Vive Kumar
Associate Dean, SCIS
Athabasca University

Dr. Vive Kumar launched his career as a Scientist at the Centre for Development of Advanced Computing in Mumbai, India. He has won a United Nations fellowship and consulted for the Asian Development Bank as an educational technologist. Previously he worked at Simon Fraser University and Massey University with backing from NSERC, SSHRC, and CFI. With over 170 research publications in journals, conferences, and book chapters, Dr. Kumar strives to advance analytics-oriented, causality-infused, agile-cognification in human learning and machine learning.



Dr. Janice Thomas
Professor
Athabasca University

Dr. Janice Thomas worked for some of Canada's, and the world's, largest consulting companies before earning her PhD in Organizational Analysis from the University of Alberta in 2000. Now Professor of Organizational Analysis and Project Management in the Faculty of Business, she works with MBA and DBA students exploring change and projects, and their link to strategy execution, among other topics. Widely published, her work is twice recognized (2010, 2014) for its contribution to both knowledge and practice. She won AU's Doctoral Student Supervision award in 2018.



Dr. Alex Clark
Dean, Faculty of Health
Disciplines
Athabasca University

Dr. Alex Clark's passion is academic work and workplaces. A World Economic Forum Young Global Leader/Young Scientist, he co-writes a monthly column in University Affairs and been featured in The Guardian, Nature, and Times Higher Education. Co-author of How to Be a Happy Academic (Sage, 2018), his research in heart disease and complexity theory has been in and rejected by some of the world's most influential health journals, including the BMJ, Lancet, and Social Science & Medicine.

Panel presenters

Demystifying research



Dr. Josie Auger
Professor
Athabasca University

Dr. Josie C. Auger is an associated professor in the Centre of Interdisciplinary Studies in the Faculty of Humanities and Social Sciences at Athabasca University. Dr. Auger served Indigenous peoples an experienced senior administrator and elected leader for Bigstone Cree Nation (Treaty 8). She has worked with colleagues from Athabasca University and nationally as a Principal Investigator, co-applicant, and collaborator on research projects with the University of Calgary, McGill University, University of Montreal, University of Saskatchewan, Thompson Rivers University, and Wilfred Laurier University. Dr. Auger's current fields of study, include Indigenous Studies focusing on research, health, legal traditions, environment, architecture, history and culture.

Panel moderator



Dr. Simon Sigué
Associate Dean
Athabasca University

Dr. Simon P. Sigué is the Associate Dean at the Faculty of Graduate Studies and a Full Professor of marketing at the Faculty of Business. He is the President of the Academy of African Business and Development (AABD) and a former Editor-in-Chief of Journal of African Business. Dr. Sigué has over 25 years experience in research, training, and education in marketing and sits on various boards in Africa and Canada. His research covers such topics as entrepreneurial marketing, franchising, marketing channels, marketing strategies, game theory, and international marketing. It is published in leading journals in marketing, management science, and economics. Dr. Sigué has received several academic distinctions, including the Best PhD Thesis Award at HEC Montréal, Canada, the Best Conference Paper Award of the Academy of Marketing Science, the Journal of Service Research Best Article Award Finalist, and the Outstanding Service Award of the AABD.

Guest speakers



Dr. Peter Scott
President
Athabasca University

Dr. Peter Scott is an academic leader with a track record of strategic and operational experience, specializing in digital-led, transformative educational technology innovation. He spent almost 20 years at the Open University, U.K., and most recently, was Pro Vice-Chancellor (Education) at the University of Technology Sydney (UTS) in New South Wales, Australia. He has a PhD in psychology from the University of Sheffield, U.K.

Dr. Scott has an established international reputation based in research, as an innovator and university leader who can shape and inform higher education strategic thinking. He has a distinctive specialty in digital-led, transformative educational technology innovation. His research focuses on eLearning, or technology-enhanced learning, looking at how individual technical innovations can create new models of learning.

In his former role at the University of Technology Sydney, he was responsible for driving educational change and providing strategic leadership on new modes of learning and teaching with a particular focus on new digital learning opportunities. He was coordinator for the UTS 2027 Strategy, leading development of the Lifetime of Learning Initiative, a pan-university plan to open UTS learning via online, micro credentials, enterprise learning and more. Prior to joining UTS, Professor Scott was in a senior leadership role at The Open University, U.K. as the director of the Knowledge Media Institute (KMI), a multidisciplinary research and development lab that has been at the forefront of innovation for 25 years.

Guest speakers



Dr. Matthew Prineas
Provost & VP Academic
Athabasca University

Dr. Matthew Prineas holds a PhD in English from the University of Rochester and has an extensive academic record. Before assuming his current role as Provost at Athabasca University, Dr. Prineas served in a variety of influential leadership roles at the University of Maryland University College. As Provost and Vice-President, Academic, Dr. Prineas has a broad and deep mandate to lead, champion and advance AU's academic mission. As the University's chief academic officer, he is responsible for the creation and elevation of academic excellence and quality, including academic programs, research, academic policy, accreditation, and learner services. The office combines and balances academic leadership with leadership on institutional planning, budgeting and resource allocation. Dr. Prineas works closely with Professor Peter Scott to deliver academic and administrative excellence across the entire institution, in large part by leading and supporting the implementation of AU's strategic plan: Imagine: Transforming Lives, Transforming Communities.



Dr. Andy Perrin
Associate VP, Research
Athabasca University

Culture, society, and communities need discoveries that matter, ideas designed for impact, creations that inspire, and innovations that go beyond the imaginable. As Associate Vice President Research, Dr. Andrew Perrin is committed to cultivating a thriving research community at AU that is bold in asking and answering the most pressing questions we face today. He leads the AU Research Office in strategic and support services for all AU researchers and seeks opportunities to represent their ideas, innovations, outcomes, and opportunities with external groups.

Guest speakers



Shauna Zenteno
Dean, Faculty of Science
& Technology
Athabasca University

Dr. Shauna Reckseidler-Zenteno is the Dean of the Faculty of Science and Technology and the former Vice Dean, Operations in the Faculty of Graduate Studies at Athabasca University. She has been involved in the design and delivery of several online courses in biology, contributed to innovations in online course and program development, and participated in strategic planning and major initiatives in support of digital education and research. Shauna completed a PhD in Microbiology and Infectious Diseases from the University of Calgary and has been with Athabasca University since 2005. Her research has been focused on bacterial genomics and gene expression, specifically using metagenomics approaches to characterize microbial communities in water as a determinant of environmental impact and food security on Bigstone Cree Nation in the Athabasca River Basin.



Chris Edwards
President
AUGSA

Chris is currently serving a one-year term as President of AUGSA. He is entering his fourth year of graduate studies at AU. Chris is working to complete his dissertation studying entrepreneurs' access to innovation finance in underdog economic regions. He hopes his research will contribute to the health and vibrancy of innovation ecosystems within these regions.



Graduate abstract winners

Congratulations to the winners of the best graduate abstract submissions! Winners will be announced during the conference.



Joanie Maynard (MN)

Anticipatory Grief in Parents of Children Who Have a Non-Malignant Life-Limiting Condition

First place



Danica Nolette (MN)

Transition Shock and Self-Efficacy for Newly Graduated Nurses Amidst a Global Pandemic: A Literature Review

Second place



Lindsay Macdonald (MHS)

"We Talk Teeth": Constructing a New Narrative of EDIA (Equity, Diversity, Inclusivity and Access) Capacity in Dental Education Using Hermeneutic Inquiry

Third place

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Thank you to all the volunteers,
student presenters, and guest
speakers who made this
conference possible.

We hope you enjoyed the
conference!



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