

December 2025, Issue 8

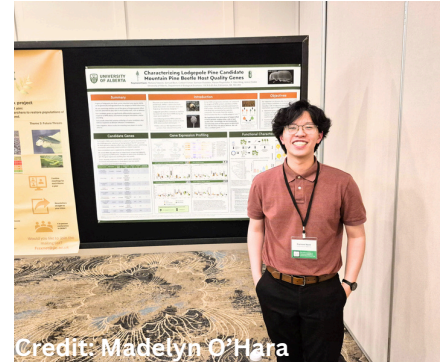
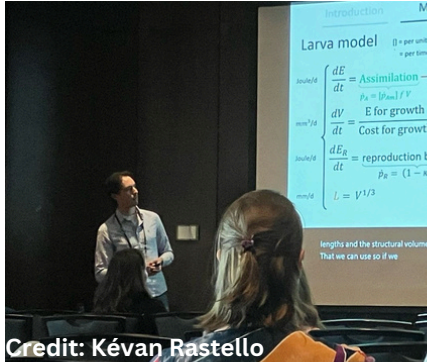
# TRIA-FoR: Transformative Risk Assessment and Forest Resilience Using Genomic Tools for the Mountain Pine Beetle Outbreak

Newsletter



Happy holidays from the TRIA-FoR Team

# TRIA getting our research out there!



Over the summer and fall semesters, the project team made substantial progress in disseminating research findings and engaging with both scientific and community audiences. Over 30 presentations were delivered at national and international conferences, including the **Canadian Society of Zoologists (CSZ)**, the **Society of Experimental Biologists**, the **Canadian Society for Ecology and Evolution (CSEE)**, and the **8th IUFRO International Workshop**. These presentations covered a wide range of topics from all the key deliverables of the TRIA-FoR project, from cold tolerance in insects to host adaptation in lodgepole and jack pine.



The team also co-organized symposia and workshops, including a session at the **Joint Annual Meeting of the Entomological Societies of Canada and Alberta** called **“Mountain Pine Beetle: not exactly new, not exactly rising, what we have learned from its range expansion into Alberta”** hosting many TRIA-FoR members. The GE3LS team also organized community engagement events in Quesnel, Slave Lake, and with Indigenous partners. They also organized a panel at the **National Pest Management Forum “Fireside chat: Discussion on collaborating with Indigenous communities in forest stewardship and forest-pest management”** and hosted a workshop **“Transforming Risk Management Frameworks: Including Social Dimensions into Risk Management”**. These sessions supported knowledge exchange and offered a great opportunity for the TRIA team to collaborate with government, industry, and communities who could use the information created through the project.

[See more about how we share our research here](#)

# In the News



## U of A professor emeritus joins ranks of Newton, Darwin in Royal Society

Folio feature with Dr. Mark Lewis



## Professor Stephan Schott Awarded a \$27,800 Grant by the Alberta Conservation Association for his New Research Initiative

Carleton University feature with Dr. Stephan Schott

[Keep up to date with publications and news here](#)

# Recent Publications



## A review of the social and ecological impacts of mountain pine beetle (*Dendroctonus ponderosae*) during and after an outbreak on forests in North America

Authors: C Grela, C Crowley-Aksamit, V Berseeth, CI Cullingham



## Winter intensity shapes overwintering energy gain and use in bark beetles under range expansion

Authors: F. Haider, A. D. Roe, M. K Andersen, Y. Lio, A. E. Musso, S. Fudlosid, M.L Evenden, H. A. MacMillan



## Energy Use During Flight Impacts Semiochemical Response in the Mountain Pine Beetle

Authors: L. Petro, A. E. Musso, and M. L. Evenden

[Keep up to date with publications and news here](#)

## In Memorium



It is with great sadness that we share the passing of Dr. **Rory McIntosh**, a respected forest entomologist and long-time collaborator on the TRIA project, working with the project since its inception in 2006.

Rory was well known in the forest community for being welcoming and making everyone feel included. At conferences, he often sought out students to ensure they felt comfortable and to learn about their research. His collaborative work through the Saskatchewan's Ministry of Environment has made a lot of TRIA's work possible. He will be missed.

[Read his obituary here](#)



# First Nation and Land Acknowledgement

The various TRIA-FoR University researchers are based at institutions located on traditional/ancestral First Nations lands. As such, we respectfully offer these acknowledgements:

- UBC Vancouver is situated in the traditional, ancestral and unceded territory of the  $x^w m \theta k^w \acute{a} y \acute{a} m$  (Musqueam).
- The University of Alberta acknowledges that it is located on Treaty 6 territory, and respects the histories, languages, and cultures of First Nations, Métis, Inuit, and all First Peoples of Canada, whose presence continues to enrich our vibrant community.
- Carleton University acknowledges the location of its campus on the traditional, unceded territories of the Algonquin nation.
- Western University acknowledges that it is located on the traditional lands of the Anishinaabek, Haudenosaunee, Lūnaapéewak and Attawandaron peoples, on lands connected with the London Township and Sombra Treaties of 1796 and the Dish with One Spoon Covenant Wampum.

## Funding and Support



You are receiving this email because you are a member of the TRIA-FoR project, a project collaborator or partner, or you have subscribed



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