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July 2022



Alliance Innovations

A collaboration between OMAFRA and the University of Guelph

Stories of the Alliance people, places and programs generating impact in the agri-food sector in Ontario and around the world.

In this issue:

- Agriculture and Food Laboratory Impact Case Study and more
- KTT Mobilization Initiatives: Financial support up to \$5,000
- Beef@Guelph launches new website
- Publications you may have missed
- Alliance people, places and programs in the media

What's new?



The Agriculture and Food Laboratory (AFL) Impact Case Study tells the story of how investments through the Alliance help to ensure that our food is safe and that our plants, animals, people and environment remain healthy in Ontario and across Canada.

The AFL is a partner of choice for industry and government thanks to its in-house expertise and commitment to critical thinking and problem solving. By offering clients a wide variety of laboratory tests and timely, reliable results, the AFL is the place to go when clients need a lab partner that will go the extra mile.

[Explore the AFL Impact Case Study](#)



Welcoming Dr. Momin to the AFL

Dr. Rafikali Momin, an experienced leader and laboratory sciences expert, has been named the new director of the Agriculture and Food Laboratory and co-director of University of Guelph's Laboratory Services Division. [Continue reading](#)

AFL microbiology staff share expertise with OMAFRA during KTT event

On May 26th the AFL welcomed 16 OMAFRA staff to a webinar to introduce new microbiology methods for testing foodborne pathogens and indicators that will benefit the agri-food sector.

Topics included:

- New methods and air sampling equipment now available at the AFL for OMAFRA
- Review of current methods used by OMAFRA programs
- Novel approaches: Culture-independent methods for listeria and salmonella detection
- Other available methods such as faster turnaround times and reduced volume of consumables to reduce carbon footprint



Interested in learning more?

Email the AFL for additional details

KTT funding opportunity



Financial support up to \$5,000

The Alliance's Knowledge Translation and Transfer (KTT) Mobilization Initiatives program is designed to enhance the impact of research and transform knowledge into use through synthesis, exchange, dissemination, dialogue, collaboration and brokering among researchers and research users.

KTT Mobilization Initiatives funding provides one-time financial support of up to \$5,000 for a product or service that translates and transfers research that benefits Ontario's agri-food sector or rural communities to knowledge users.

Learn more about the KTT Mobilization Initiatives program

Become inspired by past KTT Initiative projects:
Watch presentations by three U of G researchers

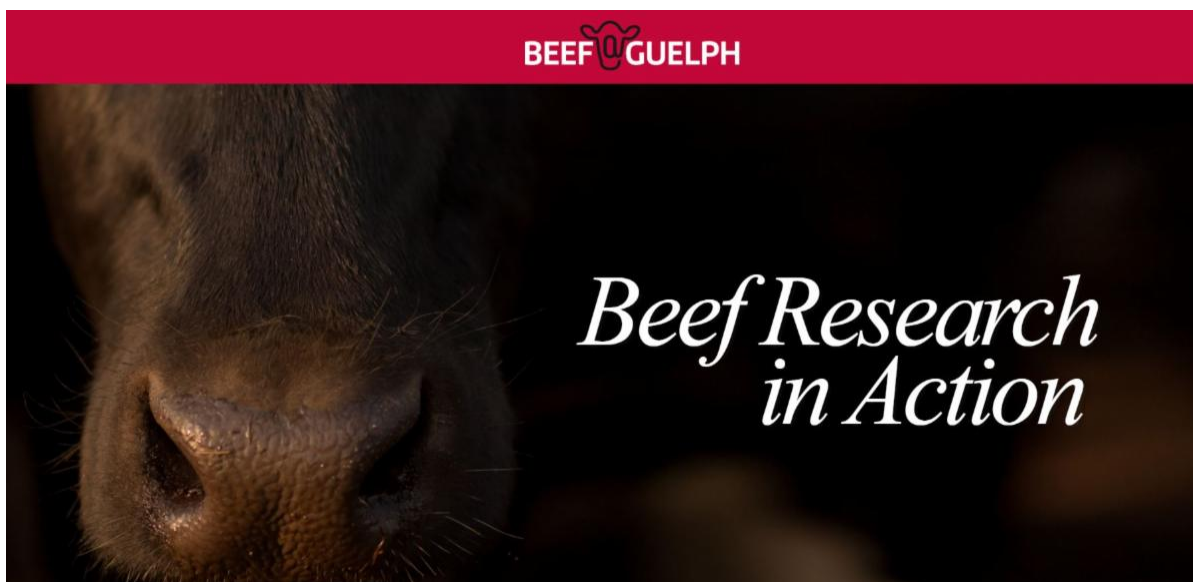
KTT Symposium	KTT Symposium	KTT Symposium 2021- P

Dr. Leith Deacon: Rural

Dr. David Renaud:

Paul Kelly: Educational

Beef@Guelph launches new website



Leading-edge beef research happening at the University of Guelph can now be found on the new Beef@Guelph website.

This new hub features researcher spotlights, knowledge translation resources, and ongoing research at the Ontario Beef Research Centre. Sign up to receive their newsletter and always stay in the loop.

[Visit Beef@Guelph](#)

Publications you may have missed



The program impact case study series demonstrates how the Alliance supports laboratory services that provide comprehensive, reliable, accredited testing services, and veterinary training for the agri-food sector and rural communities. Explore the case studies by clicking below.





The Alliance brings people, places and programs together to create the cornerstone of a successful and sustainable agri-food sector. *Growing Ontario Solutions* is a summary of the Consolidated Annual Report of the Alliance, a collaboration of the Ontario Ministry of Agriculture, Food and Rural Affairs (OMAFRA) and the University of Guelph. See how the Alliance drives impact by directing our efforts toward six key outcomes.

Explore Growing Ontario Solutions

Media

A selection of Alliance people, places and programs cited in popular and trade media.

Setting dairy calves up for success (June 23, Farmtario)

Three U of G researchers Drs. Michael Steele, David Renaud and Charlotte Winder discuss their dairy calf research and the importance of nutrition, health and welfare.

Why is Ontario a hub for ag tech development? (Jun. 7, Farmtario)

Daniel Bath, research scientist in horticultural automation at Vineland Research and Innovation Centre, discusses the influx of innovation as the next wave in agriculture's long history with automation.

U of G team trying to develop biodegradable agriculture plastics (Jun. 1, Farmtario)

Alliance-funded associate professor of engineering Dr. Erica Pensini with collaboration from Dr. Alejandro Marangoni in the food science department discuss their research on biodegradable film that could eliminate the need to find a recycling market or contribute to landfill waste for plastic bunk silo covers and horticultural mulch.

The trendy, spendy future of tech-enabled indoor farming (Jun. 1, Wired)

Alliance-funded agriculture technology researcher Dr. Thomas Graham spoke to WIRED about the growing indoor farming industry.

Bringing rapid genetic testing to the farm (May 30, Farmtario)

The University of Guelph Gryphon's LAAIR pitch competition win helped Harvest Genomics bring its technology to the agriculture industry.

Why a One Health approach to avian influenza matters (May 27, U of G News)

A new Conversation article on avian influenza from OVC's Drs. Shayan Sharif and Jeff Wichtel discusses a OneHealth approach with equal importance on measures from animal, human and environmental health perspectives.

5 technologies to help make the food system carbon neutral (May 19, U of G News)

U of G researchers Drs. Rene Van Acker and Evan Fraser examine five technologies that could help it reach that goal in a new Conversation Canada commentary.

Avian influenza continues to break across province, Canada (May 17, Farmtario)

Alliance-funded researcher and associate professor of pathology Dr. Claire Jardine speaks about the importance of wild bird surveillance that is part of the industry-farmer-government Canadian Notifiable Avian Influenza Surveillance System.

Managing microbes, curbing climate gases (May 2, Between the Rows podcast)

Alliance-funded researcher Dr. Manish Raizada joins Between the Rows podcast to discuss the role nitrogen-fixing microbes have on reducing greenhouse gas emissions and yield growth.

Make an Alliance Connection



Visit the Alliance website

Comments? Feedback? Events or content to include? Email kttadmin@uoguelph.ca.





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