

# OMAFRA – U of G Partnership Gryphon's LAAIR\* - Funded Projects 2016

\*Leading to the **Accelerated  
Adoption of Innovative Research**

## Winners selected in Gryphon's Finale

In March 2016, researchers made their final pitches for the 2015-16 Gryphon's LAAIR research commercialization funding program. They had only 15 minutes to convince the industry judges that their technology had the best chance of market success. At the end of each presentation, the judges peppered the applicants with tough questions and provided great suggestions, such as:

*Who's your target market?*

*How much investment do you need?*

*Where is the product licenced? Canada, North America, Worldwide?*

*Your technology could have broader applications if you considered this sector...*

*I'd suggest you set your price point like this ...*

In the end, three submissions were approved for funding. These projects will receive up to \$125K to help make them market-ready. In the 'exploration' stream of the program, nine projects received up to \$25K to help their researchers better understand the commercialization challenges ahead for their product.

Here's a summary of the successful projects:

### Gryphon's LAAIR Commercialization stream (maximum \$125K award)

**Wael Ahmed** – Airlift pump technology for sustainable aquaculture production

**John Dutcher** – Advanced nutraceuticals from Ontario sweet corn

**Suresh Neethirajan** – On-farm field trial to validate a point-of-care device for detection of metabolic diseases in dairy cattle

### Gryphon's LAAIR Exploration stream (maximum \$25K award)

**Helen Fisher** – Evaluation of advanced winegrape selections for cool/cold climate wine growing regions

**Suresh Neethirajan** – Evaluation of avian flu multiplex biosensor platform to the point of care setting

**Graham Taylor** – Automated plot extraction and image analysis software-as-a-service for agricultural fields

**John Cranfield** – Unlocking new value for an old crop: Measuring and identifying channel specific strategies to commercialize a differentiated Ontario quinoa based food product

**Lucy Mutharia** – Developing a reagent to detect fecal antibodies against Mycobacterium avium subsp. Paratuberculosis

**William Allan King** – Market assessment of a chromosome screening and diagnostic service for the swine industry

**Praveen Saxena** – Integrated plant production system for Hop (*Humulus lupulus* L.)

**Brandon Gilroyed** – A new biopesticide for greenhouse crops: mode of action, regulatory requirements and patent protection

**Andreas Heyland** – Testing of novel micro-algal strains for the reduction of carbon dioxide, nitrates, and phosphates in recirculating shrimp aquaculture systems