

OMAFRA – U of G Partnership Gryphon's LAAIR* - Funded Projects 2015

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

Winners selected in Gryphon's Finale

Five submissions were approved for commercial development funding. These projects will receive up to \$125K to help make them market-ready. In the 'exploration' stream of the program, eight projects received up to \$25K to help their researchers better understand the commercialization challenges ahead for their product. All together, 13 projects totaling \$762,000 have been awarded funding between the two streams.

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

Medhat Moussa – Field testing and validation of Greenhouse Robotics System

Emma Allen-Vercoe – Enhancing Porcine Health and Production Value using Microbiome Therapeutics

George van der Merwe – Creating a competitive advantage for Ontario craft beer through the use of novel regional yeast strains

Bonnie Mallard – Genetic Selection for Disease Resistance: Adapting Immunity+ /High Immune Response (HIR) Technology for Application in the Beef Industry

Max Jones – 3D printed custom bioreactors for large scale plant propagation

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

Lucy Mutharia – Developing a pathogen-specific multi-epitope peptide for diagnosis of subclinical Johne's disease

Rod Merrill – Control of Paenibacillus Larvae, the Causative Agent of American Foulbrood in Honeybees

Michael Dixon – Commercial field trial combining UV and ozone technologies in an advanced oxidation process for the treatment of recirculating greenhouse irrigation water

Wael Ahmed – Efficient Airlift Pump for Sustainable Aquaculture Systems

John Prescott – Prevalence of Clostridium perfringens necrotizing enteritis in foals in Ontario, and perceived value of mare immunization to prevent disease

Nigel Bunce – Electrochemical Oxidation of Greenhouse Hydroponic Wastes

Todd Gillis – Validating the use of cardiac troponin I as a blood biomarker of animal health in aquaculture species

Ming Fan – Selectively Using a Porous Biomass Carrier for Enhancing Feed Enzyme Thermostability

Thank you to the judges - or as we like to call them, 'The Gryphons sitting in the LAAIR':

Murray McLaughlin

Adi Treasurywala

Patricia Folkins

Don Stewart

Gord Surgeoner

Sandy Marshall

John Webb

Rosa Lupo