Welcome to the monthly IOS Newsletter. We hope that this will serve to keep our community informed on the events and happenings around the IOS.

**Awards and Recognition**

Vive’s Allosperse technology highly commended at the 2012 Agrow awards

Vive Crop Protection’s Allosperse® was recognized at this year’s Agrow Awards on November 14th, being Highly Commended in the Best Formulation Innovation category. “We are honored to be highly commended by industry leaders for our achievements in the crop protection industry,” said Keith Thomas, president and CEO, Vive Crop Protection. “The foundation of our success is our employees, whose tireless efforts and creativity enable us to continuously improve our innovative solutions for growers and the world.” Agrow is the world’s leading information provider for the global crop protection industry, and hosts the annual Agrow Awards to showcase creativity and innovation in the crop protection industry. The Best Formulation Innovation award recognizes the year’s most significant innovation in the formulation of agrochemical or biopesticide products, innovations that could lead to improved product efficacy, improved user safety, or reduced environmental impact. Vive’s Allosperse® was shortlisted in this category in 2011. Congratulations Vive!

**IOS in The Varsity**

The IOS has been featured in the University of Toronto student newspaper The Varsity twice this month with articles on the TechnoLABS launch event ‘The UofT Student as Inventor & Entrepreneur’ as well as the creation of an innovation ecosystem at the University of Toronto. The articles, UofT entrepreneurs think big and What does your university make? are available online.

**Entrepreneurship**

IOS hosts entrepreneurship symposium and launches TechnoLABS

Monday November 12th saw an exciting milestone in the expansion of the IOS entrepreneurship training and support programs. With the help of some amazing speakers, including Tony Redpath (MaRS advisor and former CEO of Eco-Plastics), Graeme Ferguson (co-founder of IMAX), Vaughn Betz (founder of Right Track CAD), Neil Reid (co-founder of Sciex), and Darren Anderson (co-founder and
On Friday November 23rd, the Toronto Board of Trade, in partnership with the University of Toronto, held an event titled ‘From Student to Entrepreneur’ to discuss the economic value of training Canada’s next generation of entrepreneurs. The event featured IOS director Prof. Cynthia Goh and Prof. Ajay Agrawal, Peter Munk professor of Entrepreneurship at the University of Toronto’s Rotman School of Commerce, as panelists. Sandra Pupatello acted as moderator, and Hon. Brad Duguid, Ontario Minister of Economic Development & Innovation provided introductory remarks. A number of IOS companies, both past and present, attended the event and spoke to the variety of guests and speakers about the role entrepreneurship plays at the University of Toronto, and how the university’s support has helped their businesses.

Events

Workshop on Opportunities and Challenges in Energy Efficient Lighting

The IOS hosted a one-day workshop on Opportunities and Challenges in Energy Efficient Lighting on 30th November 2012, concurrent with the 57th Annual General Meeting of the Canadian National Committee of the International Commission on Illumination (CNC/CIE) which took place the previous day. Canadian representatives to CIE Technical Committee Divisions presented on the 29th of November a status overview of various technical groups deliberating on new standards. The workshop on the following day featured speakers from research and industrial communities in the morning and an industry panel discussion on various perspectives in opportunities and challenges. "Gauging by the lengthy discussions following every talk, the workshop was a huge success" said Dr. Venkat Venkataramanan, the CNC/CIE President and the Director of Scientific Operations, IOS. The participants of the workshop also had a field tour on some recent installations of LED lighting at the University of Toronto. If you would like to get more information about the CIE or get involved in its activities, please visit http://cie-cnc.ca/

Workshop in Formulations Chemistry
You just discovered a new material that has amazing properties – now what? In order to incorporate this “active ingredient” in a product – be it in cosmetics, drugs, pesticides, paints and coatings – additional inert ingredients must be added in order to provide secondary functions such as texture, taste, manufacturability, transportability, etc. The proactive selection of inert materials and its interaction with the active ingredient is an important part of product formulation design, and this chemical formulation is an important cornerstone of many industries. In order to help with the development of new products, the IOS organizes a formulations workshop. A major part of the workshop will describe the uses and mode of action of various categories of materials encountered in formulations and their interaction effects upon application. This workshop will also describe the timelines and milestones in a formulation development process, and emphasize its highly collaborative nature.

**Date:** December 6th, 2012  
**Time:** 1:00pm to 5:00pm  
**Location:** Bahen Centre, Room BA1180, 40 St. George Street, Toronto, M5S 2E4  
**Registration:** [http://www.optics.utoronto.ca/fcc](http://www.optics.utoronto.ca/fcc)

This workshop is open to both academic and industrial participants.