



eSSCO

IN THE LOOP

MAY 2019 | ISSUE TWO

President's Message



Ivan Zvonkov
ESSCO President
2018-2019

The ESSCO team has worked on many new and exciting initiatives over the past few months. I am happy to highlight some of our work and updates in the second edition of the ESSCO In The Loop Newsletter.

One of our priorities this year was to expand our advocacy portfolio. We worked closely with the research and advocacy leads at OSPE (Ontario Society of Professional Engineers) to survey current Ontario engineering students and recent graduates on coop, job prospects and tuition. From this data we developed a comprehensive report detailing recommendations to governments and universities. This report is a great step in formalizing ESSCO's advocacy efforts!

ESSCO also partnered with OUSA (Ontario University Student Alliance) to start a conversation with engineering faculties on OERs (Open Educational Resources). The adoption of OERs would be a huge win for engineering students as it would significantly diminish the burden of textbook fees.

Additionally, earlier this year, ESSCO released its first press release in response to the Ontario government changes to tuition, OSAP and university ancillary fees. ESSCO communicated its stance to many members of provincial Parliament and aided its member Engineering Societies in doing the same. Further collaboration with our partners and continuous development of internal Working Groups, will enable ESSCO to deliver concise recommendations to appropriate stakeholders on how to address issues affecting engineering students in Ontario.

Our team also worked on growing many existing services and creating new ones to benefit engineering students. ESSCO ran a province-wide Food Drive competition during National Engineering Month (March) to help raise awareness towards the topic of food insecurity and help combat it by providing donations to Feed Ontario. Also in March, ESSCO ran a hockey tournament which had more than a dozen teams compete, with Laurentian University coming out on top.

University of Ontario Institute of Technology and Laurentian University were both hosts to our two most recent conferences, the PEO Student Conference and the First Year Integration Conferences respectively. Both schools did a great job in connecting students and exposing them to new opportunities through a multitude of sessions. ESSCO was honoured to have MPP Jennifer French give a keynote speech at the PEO Student Conference on the need for more engineers in government. The First Year Integration Conference welcomed MPP Jamie West as the keynote speaker who spoke on the importance of engaging in politics and having your voice heard.

This June, Ottawa University will be hosting the ESSCO Annual General Meeting. Executives from all member Engineering Societies in Ontario will meet to discuss current issues affecting engineering students and what ESSCO is doing to tackle those issues. The next ESSCO executive team will also be elected at this conference and will continue on growing the organization in new ways.

A handwritten signature in black ink, appearing to read 'Ivan Zvonkov'.

Ivan Zvonkov
ESSCO President 2018-2019

Schools Of The Month

<p>AUGUST</p>  <p>WATERLOO</p>	<p>SEPTEMBER</p>  <p>UOIT</p> 
 <p>NOVEMBER</p>  <p>WATERLOO</p>	<p>OCTOBER</p>  <p>WINDSOR</p>
<p>DECEMBER</p>  <p>OTTAWA</p>	<p>JANUARY</p>  <p>RYERSON</p> 
 <p>MARCH</p>  <p>OTTAWA</p>	

WINS OF 2018-2019



STUDENT ADVOCACY

- FIRST EVER ADVOCACY REPORT
- CONDUCTED A PRESS RELEASE AND PRESENTATION TO CODE (COUNCIL OF ONTARIO DEANS IN ENGINEERING)
- REPRESENTED THE VOICE OF THE STUDENTS ON IMPORTANT MATTERS SUCH AS GUN CONTROL, ANCILLARY FEES AND OSAP CUTS

NEW MENTAL HEALTH INITIATIVES

- REQUIREMENT FOR SENSORY DEPRIVATION ROOMS AT ALL ESSCO CONFERENCES
- MENTAL HEALTH WORKING GROUPS COLLECTED DATA FROM ALL MEMBER SCHOOLS ON BARRIERS TO MENTAL HEALTH SERVICES



SUSTAINABILITY ACHIEVEMENTS

- LEED COURSES WERE RUN WITH HUGE ESSCO STUDENT DISCOUNTS ACROSS ONTARIO
- SUSTAINABILITY WORKING GROUP WILL CONDUCT RESEARCH ON SUSTAINABILITY AT ESSCO SCHOOLS TO HELP ESSCO DETERMINE HOW THEY CAN BECOME MORE SUSTAINABLE, AND IMPROVE THE POSITIVE ENVIRONMENTAL EFFORTS ACROSS ONTARIO

SOME FRIENDLY COMPETITION

- SECOND ANNUAL ESSCO SOCCER TOURNAMENT - WON BY RYERSON B TEAM
- ESSCO E-SPORT LEAGUE OF LEGENDS TOURNAMENT - WON BY REDBULLS N' MONSTERS (UNIVERSITY OF WINDSOR)
- HOCKEY TOURNAMENT - WON BY LAURENTIAN UNIVERSITY
- NEM FOOD DRIVE - WON BY UNIVERSITY OF WINDSOR
- ONTARIO ENGINEERING COMPETITION - HOSTED BY MCMASTER UNIVERSITY



4 INCREDIBLE CONFERENCES

1. PROFESSIONAL ENGINEERS ONTARIO - STUDENT CONFERENCE - UOIT
2. FIRST-YEAR INTEGRATION CONFERENCE - LAURENTIAN
3. ANNUAL GENERAL MEETING - UNIVERSITY OF OTTAWA
4. PRESIDENT'S MEETING - UNIVERSITY OF WINDSOR

ESSCO PEO-SC 2018

Hosted By UOIT

The ESSCO PEO-SC (Professional Engineers Ontario - Student Conference) 2018 conference was hosted at UOIT (University Of Ontario Institute Of Technology). This conference was held with the hopes of being one of the attendees' stepping stones to their own professional success. Throughout the weekend, many sessions were held regarding topics ranging from the P.Eng licencing process to post-graduate degrees and entrepreneurship.

These sessions were hosted by professionals from the industry in their respective fields. We were honoured to have Jennifer K. French, MPP of Oshawa, as the keynote speaker at the banquet, aiming to provide important insight for your professional journey.



Message From Alan Limoges (PEO-SC Delegate)

“PEO-SC 2018 was focused around career development and the impact of engineering on society, as well as our role as engineering students to shape a future in which engineering remains at the forefront of innovation and inclusivity. The weekend was packed full of sessions discussing topics from the P.Eng licencing process to entrepreneurship, hosted by professionals from industry. My favourite presentation was “What I Wish I Knew In Fourth Year”, by Jake Lipohar. A recent graduate, Jake talked about the transition from student to full-time member of the workforce, as well as the challenges of balancing finances, community involvement, and moving to a new city as he did after graduation.”

Engineering Students & Graduates: Perspectives on Tuition, Job Prospects, & Co-op/Internships

ESSCO's first advocacy report in partnership with OSPE

ESSCO recently ratified its first advocacy report officially titled Engineering Students and Graduates: Perspectives on Tuition, Job Prospects, and Co-op/internships. This report is the result of over a thousand students and recent graduates. This was a result of these students voicing their concerns in a survey put out this past fall and also the result of a strong collaboration between ESSCO and OSPE (Ontario Society of Professional Engineers) in working together to outline these concerns and develop comprehensive recommendations to appropriate stakeholders.

The report included several recommendations to the provincial government such as:

1. Better connecting industry and universities “to identify barriers and opportunities for employers to implement work-integrated learning (WIL) opportunities” and “to ensure that post-secondary institutions are informed of industry trends”;
2. Conducting “an in-depth analysis of various incentive mechanisms to determine the most effective and efficient methods for increasing the number of employers willing to engage in WIL opportunities.”;
3. Creating “accessible and predictable funding opportunities for companies that are looking to hire interns, recent engineering graduates and students”; &

4. Ensuring “that recent changes to student aid and tuition cuts are evaluated to determine the impact on students.”

The advocacy report also addressed issues with coop and tuition by including recommendations to universities such as:

1. Beginning to collect “specific information about the type of jobs graduates obtain after completing their programs, as well as further into their careers.”;
2. Working with industry to ensure “the learning objectives and outcomes [are] shifted to recognize the new realities.”; &
3. Working “with employers to create more deliberate and explicit connections between students’ educational experiences and the realities of the workforce.”

The report outlines additional recommendations and goes into greater detail about the recommendations listed above. It will shortly be available to the public through the ESSCO website advocacy section.

The advocacy report is a great step towards formalizing ESSCO's advocacy portfolio and the ESSCO team will continue working with partners like OSPE to enhance how we address the issues affecting undergraduate engineering students in Ontario.

ESSCO FYIC 2019

Hosted By Laurentian University

From February 1st to 3rd, Laurentian University hosted ESSCO's annual FYIC (First Year Integration Conference) chaired this year by Joel Venne and Moe Khan. The conference was very successful in hosting its almost 100 delegates and various speakers from across the province. Many important topics were discussed and voted on during the plenary session that took place at the end of the conference. The goal of ESSCO FYIC is to introduce

first year engineering students to the field of engineering and to strengthen their professional skills. Sessions were given by the Ontario Society Of Professional Engineers (OSPE), Professional Engineers Ontario (PEO), and as well by various upper year delegates and professors that attended the conference.



Message From Julian Faita (ESSCO VP Communications)

“The conference consisted of an insightful first year stream of sessions to develop professional skills, network, and introduce incoming students to engineering. There was another stream of sessions for the Ontario schools’ Vice President Externals where motions were written, and various imposing topics were discussed in regards to engineering in Ontario. [...] The banquet saw Jamie West, Sudbury’s MPP, give a thoughtful presentation on the importance of engineers in politics a gave a chance to the students to network among each other. [...] Overall this was a very successful conference and lots was learned.”

ESSCO TRIVIA

At which school was ESSCO founded?

Send your answer to vpcomm@essco.ca with that subject line: **April Newsletter Trivia**. The first correct respondent will receive a shoutout in the next ESSCO In the Loop newsletter and on ESSCO's social media.

CONFERENCE SPEAKER MAILING LIST

If you are interested in being a guest speaker at one of ESSCO's conferences, contact vpcomm@essco.ca to be put on the speaker email list. We'll contact you about future conference speaking opportunities.

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