

# **LUCHEC**



Laurentian University Chemical Engineering Chapter

2013-2014

## A timeline

### The beginning

-revival of the chapter and elections had to be held due to the disintegration of the chapter from 2012

-the board members are listed as follows:

President – Tancred Thomas (elected)

Vice President & 4<sup>th</sup> year rep – Marianna Uceda (elected)

Secretary – Jasmina Omri (elected)

Treasurer – Gajanan Raveendran (elected)

Chief Technical Officer – Vince McIver (instated)

1<sup>st</sup> year rep – Michael Kiomall (instated)

Personal Advisor & 2<sup>nd</sup> year rep – Mike Khouri (instated)

3<sup>rd</sup> year rep – Gaurav Bains (instated)

Public Relations – Tanya Aelick

-the student chapter was rebranded and a new name was decided – LUCHC (Laurentian University Chemical Engineering Chapter).

-officially made arrangements to register our chapter with cheminst.ca so as to be able to have the opportunities to interact with different chapters at other universities. (SOCIAL)

-increased knowledge of our chapter through social media (Facebook page) and voted in a new member to initiate work on our official website. (SOCIAL)

### November 2013 – end of school year (2014)

- ongoing recruitment of student members to the chapter. (SOCIAL)
- modification of the chemical engineering design lab (SOCIAL)
  - o Implemented free printing services for all chemical engineering students

- Installed WiFi for chemical engineering students to provide a reliable source of high speed internet during study sessions within the design lab.
- Re-organized furniture and brought in new furniture to make more room for growing number of students within the room.
- Lighting in the student lab was fixed

### **December 2013**

- design competition for all Laurentian Students to create and design our official logo (SCIENTIFIC)
  - The winner was provided with a \$50 Starbucks Gift Card.
- the official clothing for our chapter was decided and orders were placed for shirts to be sold to boost team spirit and engage fellow students.

### **January 2014**

- organized a distinguished lecturer- Dr. Chris Twigge-Molecey to come speak to students at Laurentian University in Sudbury. (SCIENTIFIC)
- organized a trip for students and faculty to visit and tour Vale's Copper Cliff smelter. (SCIENTIFIC)

### **February 2014**

- bowling social event held for students to interact with students from various disciplines as well as faculty members (SOCIAL & SCIENTIFIC)

### **March 2014**

- held fundraising events such as pizza sales night and doing coat checks for the Pub down under-Laurentian Bar. (SOCIAL)
- held elections for the 2014-2015 board members.

## **Most important activities of 2013–2014**

Our chapter had a late start and officially came together mid-October with dedication from the faculty advisor and two other individuals who ended up being voted in as President and Vice President of our year. Important activities took place the entire year but of course some of them shall be highlighted below.

The social experience of all student members was greatly improved by the active involvement and dedication of various students, more noticeably of Michael Khouri, our 2<sup>nd</sup> year representative who went out of his way to redesign location of furniture, set up appointments to fix broken lights in the student lab as well as build a new table by reusing materials of broken furniture within the room itself. His green approach towards reusing and recycling aligns greatly with the chemical engineering chapter that strives for high efficiency and eco-friendly results. Improving the experience in the student lab saw an increase in students utilizing the space as a study area as well as an area to interact with fellow colleagues and collaborate on various projects.

Vince McIver, our CTO (chief technology officer) was highly instrumental in securing a tour to the Vale Coppercliff smelter in Sudbury. Students were welcomed on the trip on a first come-first served basis and the trip reached full capacity within days. Students and faculty were then given a tour at the smelter which was highly educational as it integrated well to explain different aspects of education explored within the metallurgy courses being offered at the university. Providing students with an opportunity to see an industrial workspace and gain some experience by asking professional individuals questions was a very insightful and educational experience for all students that attended the trip.

Marianna Uceda, our vice-president organized a guest lecturer from the Canadian Institute of mining, metallurgy and petroleum to come to our university to speak to students and faculty. Dr. Chris Twigge-Molecey was a past president of the CIM as well as a past president of the metallurgical society. His technical contributions have included implementation of technology development programs, management of R&D programs as well as design and commissioning of full scale metallurgical plant. He lead the development of Hatch business in several overseas markets including Russia, Chile and China. His topic for the lecture at Laurentian University was “Conflict minerals: What are they and why should we care?”

Lastly we brought about the involvement of multicultural students in our group so that there was no animosity since chemical engineering is something all of us have in common. The chapter was an effective way to bring students together with a common shared passion and did well to build friendships among all students.

### **Chapter Statistics/Level of participation**

- the board consisted of 4 elected members and 4 elected year representatives, and 2 positions were later voted upon for the position of public relations and chief technology officer.
- the chapter was registered with the student's general association of Laurentian University
- at least 74 students registered at the start of the semester, there were 67 active members on the facebook page which was our communication outlet as well as through emails to inform students of activities and events.
- 22 students attended the lecture given by our CIM guest.
- our limit for the smelter trip was 15 students for the tour and all 15 spots were filled very quickly.
- 43 students attended the bowling event.
- since it was a busy year and because the board was put together during the school year, as a pose to the end of the previous school year there were time constraints on planning events but yet students were constantly active and the chapter's spirit grew as the year went by.
- our goal for the next year is to gain more publicity and use the momentum gained this school year to give the students an even better experience in university.

### **Few Photographs**



**Figure 1 CIM Guest Lecturer- Dr. Chris Twigge-Molecey**



Figure 2 (from left to right) Marianna Vice-President, Tancred President, Dr. Chris Twigge-Molecey Guest lecturer, Claudine Beausoleil CO-OP coordinator.



Figure 3 Chemical engineering students and students from other disciplines at the bowling event.