

## **CAPSTONE DESIGN & COMPETITION**

### **Congratulations to Student winners of our 2016 Undergraduate Capstone Design Project Competition!**

Fifteen teams of 4<sup>th</sup> year undergraduate students in CBE and GPE presented their design projects in the Chemical & Biochemical Processes, Fuel & Energy, and Waste Treatment & Environmental categories at the 11th Annual Capstone Design Competition at the Western Sarnia-Lambton Research Park held on March 24, 2016.

**The winning groups will receive \$1800 for the first place and \$1400 for the second place.**

#### **WINNERS**

##### **Renewable Fuels and Energy:**

###### **First Place:**

###### **Butanol Production from Sugar Beet Pulp**

**Project Engineers:** Mark Pipher, Erika Glatt, Clifford Palmer, Robert Stevens

###### **Second Place:**

###### **Ethanol Production using corn Stover as Feedstock**

**Project Engineers:** Mark Spinozzi, Sarah Tea, Greg Smith, Clayton Vanos

##### **Oil & Gas Processes:**

###### **First Place:**

###### **High Severity Fluidized Catalytic Cracking**

**Project Engineers:** Chandler Button, Alex Churchill, Jennifer Edwards, Hilary Stone

###### **Second Place:**

###### **Diesel Production from Biogas Using Fischer – Tropsch Synthesis**

**Project Engineers:** Yara Alazki, Rawan Almushed, Alexandra Burke, Najeeb Fadel

##### **Specialty Chemical Production:**

###### **First Place:**

###### **Production of Nylon-6**

**Project Engineers:** Andrey Khramtsov, Katie Clarke, Paul Brzozowski, Sasha Van Dinther

###### **Second Place:**

###### **Production of Ethylene Oxide**

**Project Engineers:** Huang Jiaqi, Tu Jiaming, Wu Yuanyi, Wu Yuhang