Looking back on the Fall semester leaves me not only proud of the semester's accomplishments, but ecstatic for what is yet to come this Spring. During the Fall semester, the Purdue Student Chapter of the American Institute of Chemical Engineers (AIChE) hosted 5 philanthropic events varying from volunteer work to bake sales. The organization was able to raise over $200 to be donated to the American Cancer Society. As a means of facilitating the relationship between students and Purdue Chemical Engineering Faculty, AIChE held 2 student-faculty socials at local restaurants and a Halloween themed pancake brunch. Purdue AIChE also held a Research Panel, which allowed students to gain a better understanding of what undergraduate research entails and some of the wonderfully, exciting topics that Purdue Faculty are researching. Coupled with this and the Faculty's openness, AIChE toured 3 research labs in the Chemical Engineering Department. When it comes to students and industry, the Fall semester was filled with opportunities for students to interact with Industry representatives. This began with the 21st Industrial Roundtable which consisted of 55 company representatives from 21 companies, and 56 students in attendance. Along with this, 7 information session were held and, new this fall, a plant tour of the Alcoa, located in Lafayette. AIChE also enjoyed a fantastic game of Costume Kickball to celebrate a break from studying, just in time for Halloween.

In addition to all the activities this semester, Purdue AIChE welcomed the new Outreach Committee. This committee is focused on new member recruitment, along with working very closely with Purdue AIChE's sister chapter, the National University of Singapore. A very successful event that was organized by the Outreach committee was the FYE ice cream social. This event was held in the Shreve residence hall, where the majority of the students are First Year Engineering (FYE) students and allowed the FYE students to enjoy some ice cream while learning about both Chemical Engineering and AIChE alike. Regarding the Purdue AIChE's relationship with NUS, the Outreach committee has some very exciting events in the works for the coming semester!

This fall the international, parent organization of AIChE, held the Annual Student Conference in Salt Lake City, UT. This conference was comprised of the majority of the AIChE student chapters found across the world and provides an invaluable environment for sharing new ideas and learning about AIChE. For this year's conference, Purdue was able to send 6 students, 2 of which hosted a student-lead workshop and 1 of which presented research. The student workshop was attended by over 60 people. At this conference, Purdue AIChE was also fortunate enough to meet an Executive member of the sister Chapter, NUS. This conference also consists of various other workshops, networking activities, and brainstorming exercises.

The student chapter of Purdue AIChE has had a wonderful fall semester, however none of it would be possible if it were not for the generous financial support from the Purdue Chemical Engineering department and Purdue AIChE’s Industrial Sponsors and contacts. AIChE is grateful for both their support and interest in the organization! We are also grateful for the support of Dr. Boudouris, our advisor. We are always open to new event ideas from both our students and industry representatives for the benefit of our members. This fall AIChE was able to hold fantastic events and I am very excited to see what AIChE can accomplish in the Spring.

See you at our next event!

Zachary Rinaldi

Purdue AIChE President
21st Annual Industrial Roundtable Banquet

The 21st Annual Industrial Roundtable Banquet was another great success and a huge thanks to all the companies that attended. This annual event held on the Monday before the Industrial Roundtable allows students to interact with representatives in a more personal way than the traditional career fair. First a greeting from our Chapter President and Dr. Varma, the head of chemical engineering at Purdue, then dinner, and then 5 rotations of 15 minutes to allow students to talk to a multitude of companies, and finally an open networking session for students to have a chance to talk to any companies that they have not yet had a chance too. This year we had 21 companies with 55 representatives, and 56 students all in the atrium of Forney. Students raved about the one on one student to recruiter ratios and the personal connections made.

Display Case: New and Improved

For the past few years the AIChE display case has been pretty bland. But that all changed at the start of the semester. After a few sketches, some emails to our sponsors, and careful planning a design was finalized and implemented. The design is divided into 4 different sections. The first section includes a brief description of our club, and pictures of the current leadership. Next we have an area describing the different committees in detail with pictures from past events. The third section has a spot with logos and tags of all of our social media accounts. Our final section is an area for Swags from our sponsors. This area showcases all the great things our sponsors do. If you are interested in sponsorship and having an item in our display case please contact an E-Board member.

Sponsor Spotlight: Archer Daniels Midland

Archer Daniels Midland (ADM) visited AIChE at its first all member meeting of this semester. The representative was a Purdue graduate who has worked with ADM for over 10 years. He informed the members about the company and his daily schedule as a professional Chemical Engineer. He also demonstrated to AIChE the various applications of the Soybean by bringing numerous samples with him. The students passed the samples around as he informed us of the advancements in ADM’s processes and how soy can be utilized in food production and the creation of fabrics. Thanks to ADM, members were given a great insight into a professional work environment and advancements within chemical engineering.
This November when the world of chemical engineering descended on Salt Lake City, Utah, 6 members from our chapter also got to join in the excitement that is the AIChE National Conference by attending the Annual Student Conference. The conference ran through 11/6 to 11/9 and was a fun and busy affair. On Saturday we had two members present on how to hold large events and in specific they discussed our Annual Industrial Roundtable Banquet. Saturday concluded with the Student Bash. On Sunday more seminars and networking events were attended, and then on Monday before leaving we had one member present in the poster conference. Also during the meeting we had the pleasure to go to lunch with Annabelle, a representative from our Sister Chapter in Singapore. After a busy and fun weekend we returned to Purdue to face the reality of exams, projects and homework.

**Annual Student Conference 2015: The Great Salt Lake**

**AIChE Supporting Greater Lafayette**

Our Philanthropy Committee has been working hard, successfully organizing a lucrative event through Potbelly’s Sandwich Shop on 117 Northwestern Ave. With all of the proceeds—over $200—going to the American Cancer Society, Boilers piled in and shared awesome sandwiches and milkshakes. AIChE member representation made it a successful event, promoting the organization with handouts and a display. Philanthropy was also hard at work facilitating a blood drive, which brought in about 23 aliquots of blood to be distributed by the Indiana Blood Center. Additionally, Philanthropy helped organize a Winterization squadron to help those in need before winter struck. As one of the top student-run organizations on campus, AIChE is always looking to give back and poise Chemical Engineering Students to be the most well-rounded student body possible through philanthropic opportunities. Thanks to all the organizations who helped make it possible for our students to succeed as volunteers.

**Interacting with Faculty**

Without teaching, there is no progress. That’s why we value our faculty here at Purdue. We understand that it is important for students to establish a good relationship with their professors, so we work to provide opportunities for students to do so through lab tours, student-faculty socials, and research panels. With these events, students not only get to know the Chemical Engineering professors, but also learn about their research. This semester, AIChE has hosted three lab tours, which explored polymers, energy production with renewable resources, and chemical production. There have also been two student-faculty socials at local restaurants, as well as a research panel, with four ChE professors, planned for the end of the semester.
Welcome Our New Sister Chapter

The National University of Singapore, founded in 1905, is one of the largest public universities in Singapore. Their Department of Chemical and Biomolecular Engineering is one of the largest ChE departments in the world, as well as the oldest ChE department in Singapore. Compared to Purdue’s 535, there are about 1200 students enrolled in NUS’s chemical engineering program. Just recently, they hosted a group of Purdue ChE students during the Maymester. This began our blossoming relationship with NUS, and we hope to continue to grow it. In the future, we plan to collaborate with and organize events with our sister chapter. First item on our agenda: learn about their latest accomplishment: Singapore’s first personal flying machine!