

THE REACTOR

FALL 2015

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OREGON STATE UNIVERSITY
Chemical Biological Environmental



ENGINEERING



CBEE Club at AIChE Nationals Story by Ashaen Patel

In November 2015, twenty-eight students representing CBEE, chemistry and pharmacy attended the American Institute of Chemical Engineers (AIChE) 2015 Annual Conference in Salt Lake City, Utah. The opening ceremony featured guest speaker Allan McDonald--NASA engineer and director of the Space Shuttle Solid Rocket Motor Project during the Challenger Disaster in 1986. He spoke of the ethical faults that occurred during the preparation of the shuttle for launch and reflected upon the idea that good engineers should be vocal about safety and failure concerns.



Nine students took part in a poster competition comprised of 400 undergraduate students from different universities. Of the nine

Nine poster presenters represented CBEE at the Annual Student Conference with four presenters receiving awards. Many of the poster presenters were also involved with the ChemECar team.

students, four took home awards in their respective categories. Ashaen Patel won 3rd in Computing, Simulation and Process Control, Zia Klocke won 2nd in Environmental Engineering and Science, Justin Tran won 2nd in Fuels, Petrochemicals, and Energy, and Christine Kang won 3rd in Materials Engineering and Science. In addition to the handful of poster presentation winners, Sydney Quinten-Cox received a Sophomore Academic Excellence award and Zia Klocke received a Freshmen Recognition Award.

Also among the group of attendees was the OSU ChemECar team who competed in the national competition for the first time in five years. The team's shoebox sized car, powered by a hydrogen fuel cell and automatically



The ChemECar team was proud to show off their matching lab coats and made many rival teams quite jealous.

stopped via an iodine clock reaction, came complete with a team clad in matching black lab coats. The car came to a stop only 1.38 m from the set travel distance of 25.3 m, putting the team in 12th place out of teams from around the world. Oregon State University CBEE students also took part in ChemE Jeopardy against other university teams who had won in regional competitions. One of the most difficult categories on the board was in no regard related to chemical engineering, but knowledge of the United States' past presidents.

On top of the poster presentations, ChemECar competition, and ChemE Jeopardy, students attended workshops spanning topics regarding chemical engineering, professional development, and student chapter leadership. During some down time, students were able to explore Salt Lake City, visiting the Salt Lake Temple and taking a hike alongside a gorgeous hillside. Overall, all attendees enjoyed the conference and students had a great time exploring the beautiful state of Utah.

Upcoming Events – Winter Term 2016

Feb. 9th – CH2M Company Info Session – Glsn 100 – 6pm

- Join us for an unofficial information session about CH2M! CH2M employees including OSU alumni will be discussing their company and their personal experiences in engineering. FOOD PROVIDED!

Feb. 24th – CBEE Winter Career Reception– MU Lounge – 5:30pm

- Please join us at a special CBEE Dessert Reception & Networking Event! This is a business-attire evening event. Conference format company presentations will include information on entry-level and internship positions and potential career paths for engineers. After the presentations, we'll move to the historic MU lounge for dessert and networking.
- Please register for the event by midnight on Feb 21st (<https://www.myinterfase.com/oregonstate/CareerFair/Detail/NFk3bnMyeE1sZVIKWkM3V2pERnRaWng1Z3B5SmxGdXp1L1U4WE5sZmJkRT01>)

Feb. 25th – Dancing with the Faculty – MU Horizon Room – 7-9pm

- Join us for the 2nd Annual Dancing with the Faculty fundraiser supporting Relay for Life! Student/Faculty groups compete for the people's choice and judges' panel awards. The event is free to attend, but your votes will cost you. How much is your favorite team worth? If you're interested in participating, please contact Zia Klocke at klockez@oregonstate.edu

Mar 10th – Bowling Night – MU Basement – 6-8pm

- Join your friends and fellow club members to blow off some dead week steam! Enjoy some bowling, pool, darts, and great food paid for by the CBEE Student Club.

Interested in Getting Involved?

If you're interested in learning more about CBEE club, a great way to get the knowledge you're seeking is to check out our website <osucbee.org> or subscribe to our listserve to get our weekly emails by going to: <http://lists.oregonstate.edu/mailman/listinfo/cbeestudentclub> and entering your email address.

If you have any further questions, contact someone from the list below.

Contact Information

Faculty Advisor: Dr. Skip Rochefort - skip.rochefort@oregonstate.edu

Corporate Relations Manager: Lynn Ekstedt - Lynn.ekstedt@oregonstate.edu

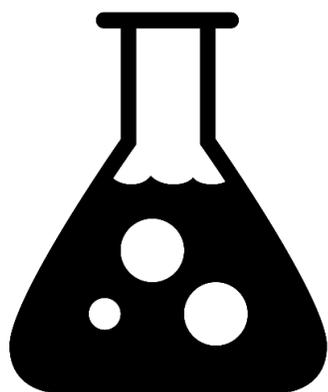
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