BE Students Engage with Industry Leaders at Virtual Conference | College of Engineering

11/09/2020

Nov. 9, 2020 — The Biological Engineering Department hosted its third annual Intermountain Biological Conference on Oct. 30 and 31. This year’s theme was Biological Engineering’s Impact on Public Health. Featured speakers came from industry partners and government agencies. The event was held virtually due to COVID-19 restrictions. For the poster session, students were required to submit a video explaining their research along with a digital poster. The posters and videos are available to view at IBEC 2020 Posters.

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On Oct. 30, participants heard from to Mr. Abraham Verdoes from ELITechGroup, Mr. Jason Brown from Thermo Fisher Scientific and Mr. Brad Hansen of WesTech Engineering. On Saturday, sessions began with Dr. Jeff Ostermiller from the Utah Department of Environmental Quality followed by Ms. Kristen Sims of WesTech. Posters were judged by Dr. Chih-Hu Ho of Fresenius Medical, Dr. Dustin McEwen of GE Healthcare, Dr. Christopher Fox of the Infectious Disease Research Institute, Dr. Andrew Nelson, Mr. ChesLee Call of Quansys Biosciences and Mr. Brad Hansen of WesTech.

The Biological Engineering Department thanks all attendees, presenters and judges who made the conference a success and a benefit to all who participated. If you’re interested in watching the conference, please email janet.blad@usu.edu

The winners of the poster competition are:

1st Place

Application of Self-Disinfection Surface for Hemodialysis (Sponsored by Fresenius Medical)
Katie Christensen, Sierra Flores, Ivy Hansen, Cody Paraso, Andrea Peterson

2nd Place – Tie

Disruption of telomeric region of chromosome 8 and insertion of Mtor in CHO cells (Advised by Dr. Charles Miller)
Charles Barentine

Toward sustainable agriculture: enabling soil bacteria to produce powerful chlorinated auxins (Advised by Dr. David Britt)
Gary Zhan

3rd Place – Tie

Anatomic Toggle Loading Test, An analysis for Medical Fastener Devices (Sponsored by OsteoCentric Technologies)
Caleb Barton, Becky Black, Dallin Chugg, Hayen Ewer, Glen Scott

Electrocoagulation for Removal of Nitrates from FGD Wastewater (Sponsored by WesTech)
Jacob Watkins, Julissa van Renselaar, Amanda Moravek, Tallon Beckstrom, Shaylynn Cannon

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