

Poster Competition
Track Chair: Ryan Summers

UNDERGRADUATE STUDENT WINNERS

Third Place Winner

**Assessing the effects of dasatinib on the phenotypic characteristics
of mesenchymal stem cells**

David Heinrichs, Vitali Maldonado, Rebekah Samsonraj

Second Place Winner

Design and Evaluation of Rotating Biofilm Reactors for Closed-Loop Engineering

Peter Jeppesen, Abiela Meek, Corbin Romney, Tyler Wallentine, Joshua Wintch

First Place Winner

Effects of Substratum and Sheer Forces on Biofilm Productivity

Joshua Wintch, Jacob Watkins

Poster Competition

GRADUATE STUDENT WINNERS

Third Place Winner

Indoor air quality improvement with filtration and UV-C on mitigation of particulate matter and airborne bacteria: monitoring and modeling

Peiyang Li, Peiyang Li, Jacek A. Koziel, Reid Vincent Paris, Nubia Macedo, Jeffrey J. Zimmerman, Danielle Wrzesinski, Erin Sobotka, Mateo Balderas, William B. Walz, Dongjie Liu, Bauyrzhan Yedilbayev, Brett C. Ramirez, William S. Jenks

Second Place Winner

Understanding the role of a putative type I polyketide synthase in chlorflavonin biosynthesis

Ammar Abitalib Mussaji, Dr Ozkan Fidan, Professor Jixun Zhan

First Place Winner

Next Generation Sequencing of RABR Biofilms for More Efficient Wastewater Treatment

Amanda Moravek, Dr. Ron Sims, Dr. Charles Miller