Poster Competition
Chair: Melissa Moss

Judges & Reviewers

Angela Pannier  Jing Lu
Ben Stuart       Yue Cui
Charlie Miller   Mark Riley
Tarek Shazly    Kaustubh Bhalerao
Alyssa Henning  Charly Kinoshita
Poster Competition

Undergraduate Award Winners
Undergraduate - Third Place

Evan Buettmann, Ryan Prsha, Daniel Els, Katie Hocker; Matt Cozad, Dave Grant, Sheila Grant, (University of Missouri, Columbia)

Development and characterization of a polycaprolactone/soy lecithin electrospun adhesion barrier

University of Missouri, Columbia
Undergraduate - Second Place

Sean Kearney, Joe Bretzmann, Madeline Cox, Emilia Czyszczon, Mark De La Croix, Kayla Fouch, Jonathan Gritzer, Sean Hendrix

Isolation, characterization, and genomic comparison of MrGordo, a novel soil-derived mycobacteriophage

Purdue University
Undergraduate - First Place

Brittani Bungart, Jui-Heng, Will Reed, James C-M Lee, Melissa Moss (mentor)

Inhibiting the formation of amyloid-β fibrils using isoflavones with increasing hydroxyl functionalization

University of South Carolina
Undergraduate – Grand Prize
Sponsored by KSBB

Madeline Porterfield (Purdue University), Eric McLamore, Prachee Chaturvedi, Masashige Taguchi, Stephanie Burrs, Katelyn Ward

The use of nanoparticles in the detection of microcystin-LR with electrochemical sensors

Purdue University & University of Florida
Poster Competition

Graduate Award Winners
Graduate - Third Place

Utsav Agrawal, Eric M. Johnson- Chavarria, Melikhan Tanyeri, Charles M. Schroeder

Investigating the effects of dynamic external stimuli on single cell fitness and gene expression in Escherichia coli

University of Illinois at Urbana- Champaign
Graduate - Second Place
Arnab Mukherjee, Kevin Weyant, Charles M. Schroeder

Directed evolution of bright mutants of a flavin-binding oxygen-independent fluorescent reporter protein from pseudomonas putida

University of Illinois at Urbana Champaign
Graduate - First Place

Joshua Ellis, Cody Tramp, Ronald C. Sims, Charles D. Miller

Metagenome analysis of a methanogenic community within an algae fed anaerobic digester

Utah State University
Graduate – Grand Prize
Sponsored by KSBB

Paul Kenis, Ritika Mohan, Arnab Mukherjee, Jaebum Lee, Emre Sevgan, Charles M. Schroeder

A multiplexed microfluidic platform for antibiotic susceptibility screening

University of Illinois at Urbana Champaign
High School – Honorable Mention

Ayodele Dechinea
Katherine De Paz
Sophia Powell

Uniondale High School
High School - First Place Tie

Manuel Flores-Bonilla

Photoluminescent Evolution of Zinc Oxide Nanoparticles in PLC6 Media

Elizabeth Osei

The impact of bio-plastic secretion on cell viability

Uniondale High School

Uniondale High School