On December 11th, 2017 the Biological Engineering department's senior class presented their capstone research projects. In total 6 teams shared their research findings that have spanned over a year of their Undergraduate career with the Biological Engineering department at Utah State University. Check out their research in detail!

Team 1
Advisor: Tim Taylor
Team Members: Skyler Heiner, Cameron Lebaron, Ty Nicholas, Adriann Peel, David Redd, Joshua Wallace

Team 2
Advisor: Dr. Yu Huang
Team Members: Adam Talbot, Melena Garrett, Elaine Castro, Christian Morrill, Holly Saatzer, Ian Wadsworth

Team 3
Advisor: Tim Taylor
Team Members Matthew Clegg, Garrett Jones, Paul Gilson, Jenny Smith, Jeremiah Woodall

Team 4
Advisor: Randolph Lewis
Team Members: Tess Armbrust, Alexander Cook, Andrea Grebil, Matthew Potter, Rachel Quigley, Harsh Singh, Riannon Smith

Team 5
Advisor: Charles Miller
Team Members: Taylor Anderson, Emily Jesgerz, Richard Klein, Andrew Merkley, Alaric Siddoway

Team 6
Advisor: Ron Sims
Team Members: Ammon Balle, Jason Eldredge, Michael Flores, Kyle Hillman, Ammon Hooper, Jeffrey Jarman, Bethany Jensen, Tyler Lewis

Creative 3D Plant Optimization (C3PO) System

Microfluidic Device for Decellularization of Murine Brain Slices

SpringStepper: An Alternative to Traditional Crutches

Designing a Synthetic Spider Silk Based Coating for Urinary Catheters to Reduce the Risk of CAUTIs

Synthetic Snake Venom: The Novel Creation of Crotalid Phospholipase A2 Using Genetic Engineering

Developing Technology for Environmental Response to Harmful Algal Blooms (HABs)