Mines@Catalyst Research Symposium

Zoom Link - https://mines.zoom.us/j/98595937041

4:00 – 4:45 Opening Ceremony
- Welcome - Dr. Judith Klein, Director of Mines@Catalyst
- Mike Biselli, Partner/Owner Catalyst HTI
- Dr. Paul Johnson, President, Colorado School of Mines
- Dr. Stefanie Tompkins, VP Research & Technology, Colorado School of Mines
- Dr. Frederick Suchy, MD FAASLD, Assistant Dean of Research, Children’s Hospital Colorado
- Video Presentation of Catalyst Facility
- Question/Answers

4:45 – 5:50 Poster Sessions
- 4:45 - 5:15 Session A
- 5:20 - 5:50 Session B

5:50 - 6:00 Questions and Closing Remarks
Research Symposium
Poster Session

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4:45 – 5:15 Poster Sessions A
- The Effect of Dexamethasone on Extracellular Matrix Components of Human Trabecular Meshwork
- Alginate-Chitosan Polyelectrolyte Complexes as a Multifaceted Biomaterial System for Bony Bar Prevention in Physeal Injuries
- Toll-like Receptor Signaling in Pacillopora Damicornis
- One Proteins Fits All: Targeting Matrix Metalloproteases in Diseases from Cancer to Infection
- Quantification of Hapatic Insulin Sensitivity of Obese Adolescent Girls

5:20 - 5:50 Poster Sessions B
- Spinal Biomechanics
- Structure-function Study of Alpha-Synuclein Using 14-3-3 Protein Homology Analysis
- The Synthetic Coral: Harnessing Data Advances in Systems Biology to Design a Biological 3D Printer
- Abbreviation Disambiguation using Neural Network Language Models
- Thrombin-fibrin Binding: Understanding Thrombin Sequestration
- Testing Apparatus for Novel Enema Support Device