Montana Tech’s Techxpo is a premier event showcasing research and design expertise by our students and faculty members. The School of Mines and Engineering, College of Letters, Sciences & Professional Studies, and Highlands College students and faculty will demonstrate applied knowledge to some of the world’s most challenging problems. Thank you for attending. We hope you listen, inquire, and learn from the nation’s finest students and faculty.

**SCHEDULE OF EVENTS**

1:00 p.m. Student Check-in  
1:30 p.m. Opening Remarks  
1:45 p.m. Project Judging  
1:45–6:00 p.m. Campus & Community Viewing  
4:30–6:00 p.m. Reception  
6:00 p.m. Awards Ceremony

**POSTERS & BOOTHs**

**M.S. HYDROGEOLOGIC ENGINEERING**

100 Hydrogeology of Rosebud Creek - Northern Cheyenne Reservation  
Shanara Spang Gion

101 Geochemical Assessment and Separation of Source Waters in the Upper Boulder River Watershed, Boulder, Montana  
John Anderson

**MATHEMATICAL SCIENCES**

102 Algebra meets Topology: Rings of Continuous Functions  
Walker Hopkins, Justin Gomez

**ENVIRONMENTAL ENGINEERING**

103 Electrocoagulation for Sulfate Removal  
Garrett Craig, Dylan Uecker, Kelly Benton, Terry Biere

104 A Sustainable Approach to the Treatment of NORM in Produced Waters Associated with Oil and Gas Extraction  
Brenna Ferko, Samantha Hutcheson, Melissa Kottke, Kelly Doble

105 Electrochemical Demulsification of Oil and Water  
Erik Faaborg, Matt Abrahamson, James Adamo

**GENERAL ENGINEERING**

106 Utilization of Electrospinning Technique to Decorate Nanofibers for Biomedical Applications  
Heidi Reid

**COMPUTER SCIENCE/SOFTWARE ENGINEERING**

107 Design and Development of Large Scale Data Collection for Eyes Free Text Entry  
Vernon Foley

108 Outcast Video Game  
Jon Wareham

109 NASA Lunar Robotic Behavior Simulation and Design  
Garrett Brown, Adam Cass
<table>
<thead>
<tr>
<th>Page</th>
<th>Title</th>
<th>Authors</th>
<th>Department</th>
</tr>
</thead>
<tbody>
<tr>
<td>110</td>
<td>Engineering Characterization of Limestones in Logan, Montana Area</td>
<td>Asel Sherimkulova</td>
<td>GEOLOGICAL ENGINEERING</td>
</tr>
<tr>
<td>111</td>
<td>Temperature Sensing in Flooded Underground Mine Workings</td>
<td>Tyler Hagan</td>
<td>MINING ENGINEERING</td>
</tr>
<tr>
<td>112</td>
<td>Modelling Long-term Deformation of an Underground Pillar Using Geotechnical Analysis and Fiber Optic Sensor</td>
<td>Elliott Mazur, Hannah Kuchinsky</td>
<td>MINING ENGINEERING</td>
</tr>
<tr>
<td>113</td>
<td>Natural Acid Rock Drainage Chemistry Related to the Geology of Alkaline Igneous Intrusions in the Judith Mountains, Montana</td>
<td>Sara Edinberg</td>
<td>MINING ENGINEERING</td>
</tr>
<tr>
<td>114</td>
<td>Montana Tech Mine Rescue</td>
<td>Lucas McQuinn, Carl Gunderson, Logan Ward, Niklas Folke, Jordan Artis, Austin Timmons, Michael Drake, Adam Abu-dayyeh, Jenna Kaplan</td>
<td>MINING ENGINEERING</td>
</tr>
<tr>
<td>115</td>
<td>A.C.T.S. SME</td>
<td>Anna Bradley, Victoria Carlyle, Julia Spears, Arthur Kukowski, Lucas McQuinn, Austin Davis</td>
<td>MINING ENGINEERING</td>
</tr>
<tr>
<td>116</td>
<td>Optimization of the Quantity of Heated/Refrigerated Air Required for Ventilating Underground Mines with Ventilation-On-Demand Systems</td>
<td>Samuel Wiley</td>
<td>MINING ENGINEERING</td>
</tr>
<tr>
<td>117</td>
<td>Analysis of Subsidence using InSAR to Estimate the Secondary Extraction in Trona</td>
<td>Nikki West</td>
<td>MINING ENGINEERING</td>
</tr>
<tr>
<td>118</td>
<td>Mining Team</td>
<td>Lydia Huckeby, Art Kukowski, Doug Peters, Austin Davis, Jay Hillygus, Reedie Spencer, Jessica Scanlan, Logan Connolly, Kyle Spencer, Garrett Hallett</td>
<td>MINING ENGINEERING</td>
</tr>
<tr>
<td>119</td>
<td>ASC Bidding Competition LEED/Sustainability</td>
<td>Brandon Jones, Houston Blevins, Joshua Klocke, Kody Wickman, Avery Hor, Avery Smith</td>
<td>CIVIL ENGINEERING</td>
</tr>
<tr>
<td>120</td>
<td>ASC Bidding Competition - Heavy Civil</td>
<td>Ryan Pearson, Bethany McAuley, Travis Craig, Aaron Sessions, Luke Seubert, Lamia Al-Wahaibi</td>
<td>CIVIL ENGINEERING</td>
</tr>
<tr>
<td>121</td>
<td>ASC Bidding Competition - Commercial Team</td>
<td>Tasha Burfeind, Wesley Miller, George Werk, Austin Webb, Richard Weber, Jacob Erpenbach</td>
<td>CIVIL ENGINEERING</td>
</tr>
<tr>
<td>122</td>
<td>ASC Bidding Competition - Concrete Solutions</td>
<td>Cole Moller, Ryan Gueff, Nathan Gilman, Wesley Sherman, Colter Bull, Shane Strozi</td>
<td>CIVIL ENGINEERING</td>
</tr>
<tr>
<td>123</td>
<td>SAMPE Composite Bridge Competition</td>
<td>Daniel Douglass, Cody Burghduff, Taylor Winsor</td>
<td>MECHANICAL ENGINEERING</td>
</tr>
<tr>
<td>124</td>
<td>NASA Robotics Mining Competition</td>
<td>Anthony Ottolino-Messuri, Andrew Lamping, Joshua Bekel, Krista Stone</td>
<td>MECHANICAL ENGINEERING</td>
</tr>
<tr>
<td>125</td>
<td>Modernization of Ultrasonic Immersion Robot</td>
<td>Megan McDunn, Jayden Richter, Zach Yarus</td>
<td>CHEMISTRY/GEOCHEMISTRY</td>
</tr>
<tr>
<td>126</td>
<td>CNC Hot Wire Foam Cutter Re-Design</td>
<td>Derek Westveer, Trent Thompson</td>
<td>CHEMISTRY/GEOCHEMISTRY</td>
</tr>
<tr>
<td>127</td>
<td>Montana Tech Baja</td>
<td>Nathan Sutton, Dustin Lohof, Patrick Kelleher, Matthew Tilsta, Biorn Hauge, James Anderson, Kyle Laughnan</td>
<td>CHEMISTRY/GEOCHEMISTRY</td>
</tr>
<tr>
<td>128</td>
<td>Biomechanic Project</td>
<td>Abdulmohsen Alessa</td>
<td>CHEMISTRY/GEOCHEMISTRY</td>
</tr>
<tr>
<td>129</td>
<td>Solar Climate Control of Automobiles</td>
<td>Cameron Kauffman, Heidi Reid</td>
<td>CHEMISTRY/GEOCHEMISTRY</td>
</tr>
<tr>
<td>130</td>
<td>Reproducible Antibacterial Surfaces Using Thermal Imprint Technology</td>
<td>Emily Kooistra-Manning</td>
<td>CHEMISTRY/GEOCHEMISTRY</td>
</tr>
<tr>
<td>131</td>
<td>SMMRNR (Small Mobile Modular Rotary Reactor)</td>
<td>Travis Davis, William Wangen</td>
<td>CHEMISTRY/GEOCHEMISTRY</td>
</tr>
<tr>
<td>132</td>
<td>Examining the Relationship between Movement and Sin Nombre Virus Infection in the North American Deer Mouse (Peromyscus Maniculatus)</td>
<td>Vincent Siragusa</td>
<td>BIOLOGICAL SCIENCES</td>
</tr>
<tr>
<td>133</td>
<td>An Investigation of the Common Loon (Gavia immer), on Spencer Lake and Blanchard Lake</td>
<td>Spencer Hale</td>
<td>BIOLOGICAL SCIENCES</td>
</tr>
<tr>
<td>134</td>
<td>Synurbization and the Butte Resident</td>
<td>Tedd Darnell</td>
<td>BIOLOGICAL SCIENCES</td>
</tr>
<tr>
<td>135</td>
<td>Suspension Electrospinning Carbon Nanotube Doped Poly (Vinyl Alcohol) Nanowires</td>
<td>Ryan Hensleigh</td>
<td>CHEMISTRY/GEOCHEMISTRY</td>
</tr>
<tr>
<td>136</td>
<td>Naturally Occurring Acid Rock Drainage in the Anaconda-Pintlar Mountain Range, Montana</td>
<td>Margaret Doolittle</td>
<td>CHEMISTRY/GEOCHEMISTRY</td>
</tr>
<tr>
<td>137</td>
<td>Ultrasonic Weld Monitoring System</td>
<td>Tate Patterson, Dale Brush</td>
<td>WELDING ENGINEERING</td>
</tr>
<tr>
<td>138</td>
<td>Gas Metal Arc Welding Additive Manufacturing</td>
<td>Shane Marble, Arthur Davison</td>
<td>WELDING ENGINEERING</td>
</tr>
<tr>
<td>139</td>
<td>Modeling and Optimization of Rare Earth Mineral Flotation using Novel Collectors</td>
<td>Richard LaDouceur</td>
<td>METALLURGICAL &amp; MINERALS PROCESSING ENGINEERING/ MATERIALS SCIENCE PHD</td>
</tr>
<tr>
<td>140</td>
<td>Adsorption of Potassium Ethyl Xanthate on Chalcopryite</td>
<td>Jesse Bowden</td>
<td>METALLURGICAL &amp; MINERALS PROCESSING ENGINEERING/ MATERIALS SCIENCE PHD</td>
</tr>
<tr>
<td>141</td>
<td>Surface Chemistry of Rare Earth Minerals using Novel Collectors</td>
<td>Greer Galt, William Nicholas</td>
<td>METALLURGICAL &amp; MINERALS PROCESSING ENGINEERING/ MATERIALS SCIENCE PHD</td>
</tr>
</tbody>
</table>
142 Economic Development Policy and Strategy in Butte-Silver Bow
   Brendan McDonough
143 Debate Moderators influencing the Outcome of Elections
   Adam Hawks
144 Virtual Environments for Industrial and Medical Training
   Tim Lewis
145 Analysis of the Accuracy of Human Translation as Opposed to Machine Translation
   Shihua Brazill
146 Beyond the Headframe: Can Marketing Butte's Incredible Access to Outdoor Recreation Opportunities Change the Perception of the Town as a Superfund Community?
   Kelley Christensen
147 Flawless Nail Salon and Medical Spa Integrated Marketing Materials
   Katelyn McDonald
148 Town of Valier - Website Redesign
   Mariah Sheble
149 Meine-Willett Catering Marketing Project
   Ellie Stanisich
150 Integrated Marketing Materials for Encomp-Us Live llc
   Nicholas Danner
151 Stereotypes of Saudi Arabia (1)
   Ali Almeshaal
152 Front Street Market Website
   Wil Thornsberry

153 RC Plane Cruise Control
   Jess Grenager, Justin Boland
154 Real-Time Electrospinning Diagnostics via Laser Extinction
   Joshua Beisel, Marvin Franson
155 Auto Pilot MicroPilot
   Derrick Downing, Stephen Ganley
156 RC Helicopter Altitude Control
   Brandon Rydberg, Alex Havlovick
157 Carnivore Cooler
   Jordan Emmert
158 INC Heat Exchanger
   Nathaniel Thompson, David Meis
159 PID Controller Demo
   Abdullah Alangari, Benno Thompson, William Whitehorn
160 Backup Power Generation
   Dylan Patterson, Joshua Heuring
161 Idaho National Lab Impedance Measurement Box Coupling Circuit
   Mark Clagett, Andrew Storro
162 Touchless Thermal Respiratory Monitor
   Jonathan Schulz, Robin Hallet

163 Quad Copter
   Michael Parks
164 Renewable Energy and 3-D Printing
   Alex Jones
165 F-117 Design
   Amanda Rohren
166 Watering the Remote
   John Jaeger
167 Solar Powered Remote Control Humvee
   Andy Peterson

168 Negative Effects toward Health and Well Being in Relation to Smart Device Use
   Isaac Cruz
169 Binge Drinking Among College Students based on Gender
   Amanda Sawicki
170 Depression among College Students Based on Motivation, Age, and Parental Status
   Suzanne Nalivka
171 College Student Stress
   Kaylee Hafer
172 Energy Drink Consumption and Stress Levels of Undergraduate College Students who are Introverts and Extroverts
   Katrina Newlon
173 Anxiety among College Students Leading to Negative Effects
   Shauna Stiles

174 Human Resource Research Survey
   Eric Ingwerson, Nicole Graham-Murphy, Jennifer Sprouse

175 An Investigation to Compare Blood Pressure Before and After Concentrative Meditation
   Candice Walden
176 Chernobyl's Elephant Foot
   Jazmin De Lille, Nathan Fleury
177 Fitnessopoly
   Jessica Pierce

178 Processing Three-Component Vertical Seismic Data, Ross Sea, Western Antarctica
   Meltem Akan
Hydrogeophysical Investigation of Logan, Montana, using Electrical Techniques and Diving Wave Refraction
Taylor Stipe

Preliminary Test of Conventional Seismic Equipment as a Mine Safety System
Jordan Leone, Sajjad Alsadiq, Megan Valdez

Geophysical Investigation of Avon Valley, West-Central Montana, Using Gravity and Seismic Reflection Profiling
Leif Knatterud

Reprocessing and Interpretation of Vintage Seismic Reflection Data: Evidence for the Tectonic History of the Rocky Mountain Trench, Northwest Montana
Mason Porter

Tectonic Evolution of the Inverted Belt-Purcell Basin, Northwestern Montana
Brad Rutherford

PETROLEUM ENGINEERING

Future Development of Elm Coulee
Suzann Herrmann, Kyle Berkram, Karsan Sprague, Robert Corson, Nicolette Ferradas, Dexter Richards

Elm Coulee Field Project
Antoinette Reichert, Aimee Kuntz, Melanie Brewer, Mandy Brewer, Julie Rang, Dallas Seutter

Elm Coulee Development Project
Nate McWilliams, Chance Scally, Sean Dwyer, Colton Bell, Trevor Meador, Conrad Smith

Mock Gas and Oil Facility
Mitchell Hillegeist, Matthew Hillegeist, Paul Young, Taqi Almubarak, Yacob Al Shayeb

Investigation of the Elm Coulee Field
Jerry Thurston, Mike Haggerty, Nick Zumwalt, Luke Francis, Chancy Thilmony

Modeling CO2 Flood Recovery in Petrogenetically Fractured Reservoirs
Tom Prescott

East Ridge Facilities
Paul Bradley, Rob Gray, Tyler Patenaude, Jordan Peck, Gunther Harms, Emily Moffat

Elm Coulee Field Study
Mark Robillard, Tim Denton, James Meixner, Arnaud Noutcheymo, Thomas Cremonini

Determining Optimal Well Spacing for the Williston Basin Three Forks Formation
Adhi Ravee

Production Optimization of the Elm Coulee Field
August Lorenzen, Sam Warner, Alec Shull, Dave Megorden, Ben Carson

SNaP: A Survey of Native Proppant
Alicia Kastelitz, Rachael Wilford

The Montana Tech National Student Awards Committee offers congratulations to Montana Tech Student National Award Recipients:

Macy Ricketts
Barry Goldwater Scholarship Foundation
2015 Honorable Mention


Rhodes Scholarship finalists:
Jack Stratton (2009) and Casey Clark (2011)

Hathem Memmi
Microsoft Scholarship (2014)

NAIA Dr. Leroy Walker Champions of Character Award: Ivan Sljivar (2011) and Joe Mitzel (2013)

National Health Service Corps and Paul Ambrose Scholar: Cory Sonneman (2013)

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