

EASTERN MICHIGAN UNIVERSITY
Summer Science Research Initiative

Summer Research
Poster Presentations

Thursday, July 24th 11:30 am - 1:30 pm

Science Complex Atrium Basement

(by the rocks)

refreshments will be provided

Sponsored by:

EASTERN
MICHIGAN UNIVERSITY
Chemistry Department

EASTERN MICHIGAN UNIVERSITY
COLLEGE of ARTS & SCIENCES
Dean's Office

 **EASTERN**
MICHIGAN UNIVERSITY
Office of the Provost

Poster Presentations

<i>Student Presenter</i>	<i>Title</i>	<i>Department</i>	<i>Faculty Mentor</i>
Philip Ewing	<i>Polymer Micelle Construction and Use in Catalytic Systems</i>	Chemistry	Gregg Wilmes
Jeffrey Flegal	<i>Analyzing correlations between the solar wind and electric potential to predict upper atmospheric space weather</i>	Physics and Astronomy	Dave Pawlowski
Chris Friebe	<i>Structural requirements for diastereoselectivity in the aza-Cope rearrangement—Mannich cyclization</i>	Chemistry	Harriet Lindsay
Nadeen Habbas-Nimer	<i>Characterization of Candidate Proteins Potentially Involved in the Synthesis of GDP-Glucose.</i>	Biology	Aaron Liepman
Brittany Jewel	<i>Computational Study of PAI-1 and One of its Inhibitors</i>	Chemistry	Maria C. Milletti
Michael Martin	<i>Selection of Aptamers using Quantum-Dot Assisted Capillary Electrophoresis</i>	Chemistry	Jeff Guthrie
Michelle Newkirk	<i>Variability in Mars' atmosphere as observed by Mars Global Surveyor</i>	Physics and Astronomy	Dave Pawlowski
Brian Reid-Comstock	<i>Phase Transfer of Gold-Silver Alloy Nanoparticles</i>	Chemistry	Tim Brewer
Sylvia Torres	<i>DART-MS Analysis of Historic Tobacco Pipes to Investigate the Preservation of Nicotine Residues</i>	Chemistry	Ruth Ann Armitage
Valerie Sponyoe	<i>Effect of common fragile site flexibility peaks on mitotic recombination in Saccharomyces cerevisiae</i>	Biology	Anne Casper
Susan Vivier	<i>Building and Modeling a Chaotic, Electronic Jerk Circuit</i>	Physics and Astronomy	Ernest Behringer