

The 11th Annual
Northeast Ohio Undergraduate Research Symposium



Thursday, July 31, 2014
Hosted by Kent State University

Co-sponsored by Case Western Reserve University,
Kent State University, NASA Glenn Research Center,
the University of Akron, and the National Science Foundation

Eleventh Annual Northeast Ohio Undergraduate Research Symposium

Oral Presentations

9:05-9:20am	Nicholas Onuska (Kent State University), "Synthesis of 2-Thienyl Carbamates as Building Blocks for Liquid Crystal Synthesis," pg. 24, abstract #37
9:20-9:35am	Roxanne Rezaei (Case Western Reserve University & Kent State University), "Release of BMP-2 via Chitosan Hydrogel", pg. 8, abstract #6
9:35-9:55am	Katrina Hanson (NASA Glenn Research Center & University of Minnesota - Twin Cities), "Flexible, Durable Aerogels for Aerospace Applications", pg. 15, abstract #19
9:55-10:05am	Katherine Starr (The University of Akron & Hiram College), "Molecular Dynamics of Structural Phase Transformation in Ni-Ti Shape Memory Alloy," pg. 24, abstract #38
10:05-10:20am	Billy Maximuck (Kent State University & Millersville University of Pennsylvania), "Synthesizing an RNA Construct for Single Molecule Experiment Using Optical Tweezers," pg. 21, abstract #31
10:20-10:35am	Brady Tyburski (Case Western Reserve University & Central Michigan University), "Effects of Crystal Isomorphism on Novel Ferroelectric Behavior of P(VDF-TrFE-CTFE) Terpolymer," pg. 14, abstract #18
10:35-10:50am	Lisa Haisan (NASA Glenn Research Center & The University of Texas at El Paso), "Composite Fan Blades for Improved Impact Resistance," pg. 17, abstract #19
10:50-11:05am	Patrick Thomas (The University of Akron & Case Western Reserve University), "Preparation and Characterization of trans-1,4-Polyisoprene Organogels," pg. 26, abstract #41