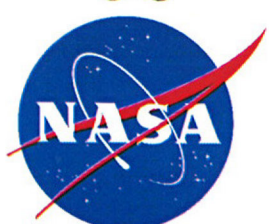


The 11<sup>th</sup> Annual  
Northeast Ohio Undergraduate Research Symposium

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Thursday, July 31, 2014  
Hosted by Kent State University

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# 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