A VERY SUCCESSFUL
SAMPE 2011 LONG BEACH STUDENT RESEARCH SYMPOSIUM

2011 Award Winners

B.S. Category
1st Place: $900
Zach Melrose  Univ of Delaware  “Damage Sensing in Adhesively-Bonded Composite/Steel Joints Using Carbon Nanotubes

2nd Place: $500
David Chen  Univ of Texas at Austin  “Selective Laser Sintering of Conductive Polyamide 11-MWNT Nanocomposites for Lower Percolation Threshold”

2nd Place: $500
Sarah Friedrich  Univ of Delaware  “Influence of Calendering on Carbon Nanotube/Polymer Composite for In Situ Damage Sensing Applications”

3rd Place: $300
Jake Plummer  Univ of Washington  “Interlaminar Shear Strength and Fracture Toughness of an IPN Adhesive and Its Components”

M.S. Category
1st Place: $1,000
Curtis Hickmott  Univ of Washington  “Application of Cellular Core Technology for Innovative Composite Structure Development”

2nd Place: $600
Tomas Muchenik  West Virginia Univ  “Magnetic Field Nano-Derived Microsensors”

3rd Place: $400
Thomas Calkins  Brigham Young Univ  “Coducive Nano-Composites for Human Machine Interfaces: Applications in Hand Pose Determination”

3rd Place: $400
Ashley Tracey  Univ of Washington  “Potential Surface Preparation Inspection Method for Composite Bonding”
Doctoral Category

1st Place: Trip to SAMPE Europe
Lessa Grunenfelder          Univ of Southern Cal  “Void Formation in Composites as a Function of Moisture Content and Processing Pressure”

2nd Place: Trip to SAMPE Japan
Andrew Becnel               Univ of Maryland  “Magnetorheological Fluid Composites for Crashworthiness Applications”

3rd Place: $600
Michelle Hawkins            Univ of Nevada  “Experimental and Computational Analysis of a Composite Ankle Foot Orthosis”

3rd Place: $600
Stacy Nelson                Univ of Nevada  “Optimization of Cylindrical Carbon Fiber/Epoxy Tubes Loaded at High Strain Rates”

Plans for the 2012 Student Research Symposium are underway:

IMPORTANT DATES

- Application, transcript, recommendation letters, candidate’s statement, and paper abstract................................................. November 7, 2011
- Technical papers from semi-finalists................................. December 12, 2011
- Finalists notification.............................................................. February 13, 2012

On behalf of the students, we thank the SAMPE Board of Directors for a world-class dedication to and support of education.