



News Release

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AATCC Announces Student Winners for Innovative Product Development

RESEARCH TRIANGLE PARK, N.C., USA, June 9, 2011— AATCC announces the winners of its sixth annual Materials Research Poster Competition for students. The competition (developed by AATCC's Materials Interest Group) aims to promote *innovative product development* from a material structures design perspective. Submissions were invited from both graduate and undergraduate students. All entries were evaluated on concept originality, research quality, clarity, and results.

Winning entries in each category received cash awards of US\$1,000 for First Place and US\$500 for Second Place. Winners also receive complimentary student registrations for the 2012 AATCC International Conference.

Industrial/Technical/Sports Materials

1st Place: *An Investigative Study: Heat Dissipation in Firefighter Suits* by Julisha Joyner, Doniece Bolds & Michael Chargulua of North Carolina State University

2nd Place: *Zar Golf...When Technology Meets Fashion* by Jessica Salazar of Texas State University

Medical/Biomedical/Protective Materials and Devices

1st Place: *Citric Acid Crosslinked Electrospun Zein Fibers for Biomedical Applications* by Qiuran Jiang & Wei Li of the University of Nebraska-Lincoln

2nd Place: *Fabrication of Hollow Nanoparticles from Corn Storage Protein Zein for Potential Biomedical Applications* by Helan Xu & Yue Zhang of the University of Nebraska-Lincoln

Functional/Smart/Nano Materials

1st Place: *Zinc Oxide/Nylon 6 Plasma-Assisted Electrospun Fibers for Warfare Protective Applications* by Narendiran Vitthuli, Joshua Nowak, Rupesh Nawalakhe & Michael Sieber of North Carolina State University

2nd Place: *Fluorescent Surface Coatings for Aerospace Composite Damage Detection* by Ryan Toivola of the University of Washington

Entries were judged by: Radhakrishnaiah Parachuru, Georgia Tech, Robina Hogan, Omni Tech International/Hogan Consulting, and Perry Grady, North Carolina State University/AATCC.

ABOUT AATCC: *AATCC is the world's leading not-for-profit association serving textile professionals since 1921. AATCC, headquartered in Research Triangle Park, N.C., USA, provides test method development, quality control materials, and professional networking for its members around the world. Additional information is available at www.aatcc.org.*

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Photos of the winning entries are available at:
http://www.aatcc.org/members/students/2011_mat_winners.cfm

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