



## Foundation Grant Supports Nanoparticle Research

Helan Xu, University of Nebraska-Lincoln, recently submitted a report of her doctoral research on zein nanoparticles. The work was partially funded by an AATCC Foundation Student Research Support Grant. Grants of up to US\$4,000 are available to undergraduate and graduate students.

“Hollow zein nanoparticles with diameters less than 100 nm, with good potential for loading dyes and drugs, were developed. This research showed that hollow zein nanoparticles could be used to load high amounts of dyes and drugs indicating good potential for controlled release applications. Further research is in progress to study the release profile of the dyes and drugs from the nanoparticles and identify specific applications in textile and medical areas.”

[www.aatcc.org/foundation/grants.htm](http://www.aatcc.org/foundation/grants.htm)



Dear Mr. Charles Gavin and Mrs. Carol Ann Gavin,

As the recipient of the very first AATCC Gavin Family Scholarship, I would like to thank you for the opportunity it has given me over the past few years. I am currently starting my fourth year as a Polymer & Fiber Engineering major from Fayetteville, Ga.

Because of your scholarship I have been able to enjoy my college experience without having to worry about finances. I plan on attending graduate school after graduation and continuing my education in pursuit of a master's degree. I grew up a Jackets fan and being able to attend Georgia Tech is literally a dream come true.

While at Tech, I have been given new experiences that I would not have otherwise received. I have been able to conduct undergraduate research, be a part of on-campus organizations, play intramurals and attended football games. I have also had the experience of working for the 3M Co. as an intern this past summer and plan to conduct another internship this summer. I will be graduating from Georgia Tech in December 2011. I know that my times at Tech will be lasting memories and you made those memories possible with your generous funding of the AATCC Gavin Family Scholarship Program!

Yours truly,

Emily Goss

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## New England Section Scholarships Awarded



John Lord, University of Massachusetts Dartmouth



Emily Pascoe, University of Rhode Island