

University of Nebraska Lincoln Student Chapter Report

Research meetings and discussions

AATCC student chapter meetings are held every week within our student chapter. Presentations on diverse areas of research are given by student members in order to improve their research capability and broaden their horizons in textile areas. Students are trained how to select research topics, analyze research problems and explain their scientific findings. Through weekly meetings and research projects, students learn more about the field of textile science and engineering, communicate with other members and become more involved in the community.



Participation in research grants and conferences

Based on the research, students members are encouraged to apply for the AATCC Foundation Student Research Support and participate in the AATCC Student Poster Competitions each year. In the last year, two members, Wei Li and Bingnan Mu were awarded AATCC Student Research Grants. Their research focuses on solvent reactive dyeings and development of robust regenerated protein fibers from chicken feather. In the coming March, Wei and Bingnan will present their research at 255th American Chemical Society (ACS) National Meeting. Wei will report her progress on green and efficient extraction of highly crosslinked sorghum protein with preserved backbones and Sorghum Protein Based Biocomposites Reinforced by Cellulose Nanowhiskers. Bingnan will show his progress on solvent dyeings and cellulose hydrolysis.

Other activities

External testing service open to textile and other industries. We have run some product testing's upon requests from textile and other companies around the US.

Future Activities

Attendance to scientific conferences, external testing service to industry and promotion activities, such as the UNL E-Week open house and updates for the AATCC student chapter page.