



Molecular Structure of Wool

To foster novel ideas for new fibers, we are developing an understanding of how the molecular structure of wool relates to its "end-use" properties. [seed project: M98-P1]

Filling Yarn Insertion in Air Jet Weaving

We are developing a spiral-eddy flow model to predict fiber and yarn motion dynamics during insertion of filling yarns in air jet weaving. [F99-A10]

Multicomponent Cotton Blending Variability

Katioi Enginee

Closed Loop Desizing, Scouring and Bleaching

Finish Film Stability and Its Relevance to Slings to Spin Finish on a Spinline (Kamath)	C98-P2
Braided Hybrid Composites for Bridge Repair (Pastore with Drexel)	F98-P1
Use of Artificial Intelligence in Designing Dyes, Chemical Auxiliaries, Polymers and Textile Fibers (Sztandera)	I98-P1
Physically Based Fabric Drape Models as Tools for Computer-Aided Design of Apparel and Other Textile Structures (Govindaraj)	I98-P2
A Programmatic Solution to Compress the Supply Chain in a Fabric Weaving (Duenas)	I98-P3
Investigation of Molecular Structure of the Cortex of Wool Fibers (Liff: Seed Project)	M98-P1
Modeling Blood Flow Through Vascular Grafts (Dunn)	M98-P2
Educating the Educators (Pastoreunn)	

