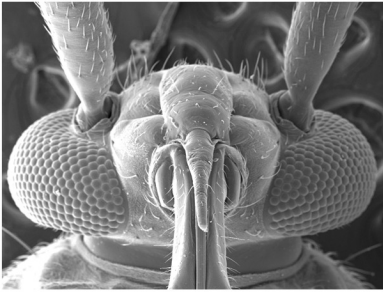


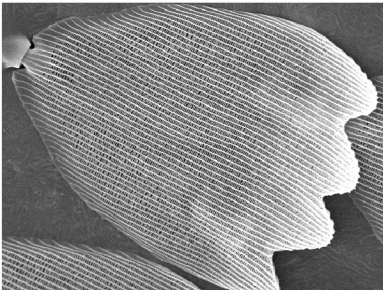
NDSU Electron Microscopy Center

http://www.ndsu.edu/em_lab/

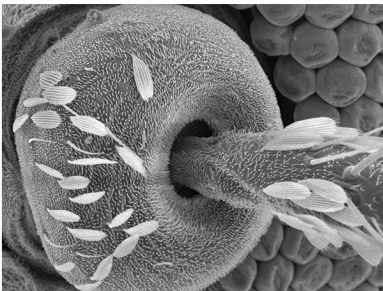
701.231.8234



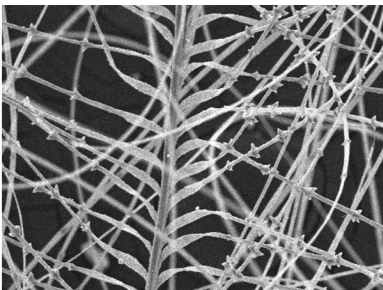
plant bug face



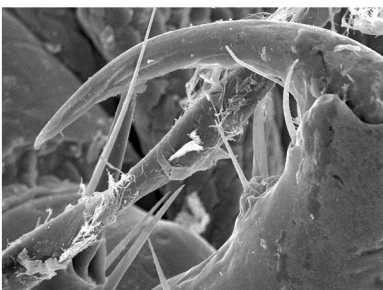
Monarch butterfly wing scale



mosquito antenna base



pigeon down feathers



claw of louse on human hair

The NDSU Electron Microscopy Center is a service facility involved in both scientific research and all levels of outreach from K-12 to other colleges. Part of its mission is stimulating interest in science, mathematics, engineering, and technology: active student involvement can generate more excitement than a traditional didactic approach.

The Center's \$300,000 JEOL JSM-6490LV scanning electron microscope is available on-line for just such hands-on use. Even if students and teachers cannot visit the Microscopy Center in person, they can control the SEM from their classrooms via the Internet, eliminating physical and financial barriers to this complex and expensive instrument. Virtual microscopy sessions can be tailored either to support specific curricular goals, or just to provide an intriguing glimpse of the micro-world that exists beyond the lower limit of our vision. There is no cost to schools for use of this instrument.

Technological solutions are essential not only to make these human connections, but also to provide storage and access for increasingly voluminous and complex scientific data, supporting a variety of endeavors that may lead to advancement, now and in the future.

For more information, contact Jayma Moore or Scott Payne.

...seeing is believing