

# Jacobs Scholars Tour the CTE Lab

by Brad Hansen; ed. Johnny Du

On April 5, 2008, the Jacobs School of Engineering, or JSOE, held a reception for Jacobs Scholars – students, alumni, and their families – during which several JSOE labs opened their doors to interested visitors. The Cartilage Tissue Engineering Lab hosted a tour to help promote orthopaedic research and tissue engineering.

Hosted by CTE graduate researchers Ben Wong and Megan Blewis, along with undergraduate Chris Kim, the CTE lab tours were given to approximately 40 visitors from the Jacobs event.

Ben began the tour by introducing the lab's overall goals and examples of cartilage tissue engineering methods used. He also discussed some of the lab's specific research projects. This was followed by a brief tour of the lab facilities.

Megan then gave the visitors a glimpse into her work, producing a bioengineered synovial joint lubricant. She was able to present her bioreactor, the product of synoviocyte and chondrocyte co-culture.

To finish the tour, Chris led the students to the video micro-shear setup in the mechanical test room. He demonstrated the setup and explained the purpose and impact of experiments that utilize the setup.

The Jacobs Scholars lab tours were an excellent way to show current students and alumni that the CTE Lab is committed to continuing the JSOE's tradition of excellence in research.

For more information on the CTE lab and JSOE, please visit <http://cte.ucsd.edu> and <http://www.jacobsschool.ucsd.edu>.