



Applied Research Center Student Newsletter



Continuing Research



Lab Visitor



Dr. Joan Thomas, one of the FEL scientists, has been using our Fourier Transform Infrared Spectrometer (better known as FTIR) to do some work for Michael Kelley.



On January 28, 2005, Dr Michael Peiniger, the managing director of Accel Instruments, stopped by to see the various techniques we carry out in the lab. Amy Wilkerson is pictured above explaining the ToF-SIMS to Dr Peiniger.

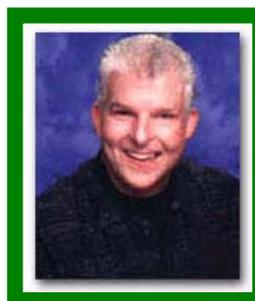
Shannon Watson, a frequent visitor to the surface characterization lab, is pictured here using the Dektak surface profiler for some of her samples.



Jlab Safety Meeting



Jairaj Payyapilly, a PhD student at Virginia Tech in Materials Science and Engineering, also is working in our lab under Michael Kelley



On Monday, February 7th, those in attendance at the Jlab safety meeting were privileged to hear a wonderful motivational speaker named Charlie Morecraft, who told us his story of an accident that happened to him on the job at an Exxon refinery plant over 20 years ago. For several years now Charlie has been going all around the country proving the importance of safety through the power of experience.

On the right is Dimitar Vlassarev, an honors thesis student at William and Mary, who is working with Anne Reilly on the effects of large scale roughness in exchange biased spin values and multilayers on giant magneto-resistance. Check out more about Dimitar and his project on his [homepage](#).



Thesis Defense



The PhD final oral examination for Zhengmao “Frank” Zhu will take place on Friday, February 18th from 3-4:30 pm in Morton Hall, rm 201. His thesis is on the “Photochemical Modification of Polyethylene Terephthalate Surface”. Good Luck Frank!