



Applied Research Center Student Newsletter



**"ELEMENTARY
DR. WATSON!"**

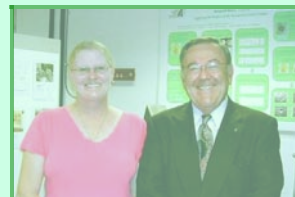
Congratulations, Shannon!

Several years of hard work ended in a brilliant defense by Shannon Watson. It was held on September 9, at the Small Hall Physics building. Her Ph.D. thesis was titled "Impact of Large Scale Substrate Roughness on Giant Magnetoresistive Thin Films." In her research she investigated the effect of large scale roughness on the electrical and magnetic properties of GMR thin films and found that this scale of roughness does not have a significant detrimental effect on GMR thin films.

She is pictured above with her scientific adviser Dr. Anne Reilly. Pictured below is a gallery of Shannon pictured with her proud Mom (upper left), and her friends and co-workers from our lab, who attended her defense and wished her good luck and continued success.



Lab Visitor



On Friday, September 9, Guy Messenger, Southeast Regional Sales Manager for Physical Electronics came to visit and to talk with us about a new Argon Sputtering system we are hoping to purchase for our ToF-SIMS. He is pictured above with Amy, who conducted a tour of the labs for him.

Familiar Faces in the ARC



Christine Conrad (left picture), a former W&M VIMS graduate student, worked at the ARC for a significant amount of time, and came to visit last week. She is working now as a Ph.D. Postdoctoral Scholar at the Center for Environmental Kinetics Analysis (CEKA) at Pennsylvania State University. She is pictured with Katherine Christholm-Brause, a geological researcher.