



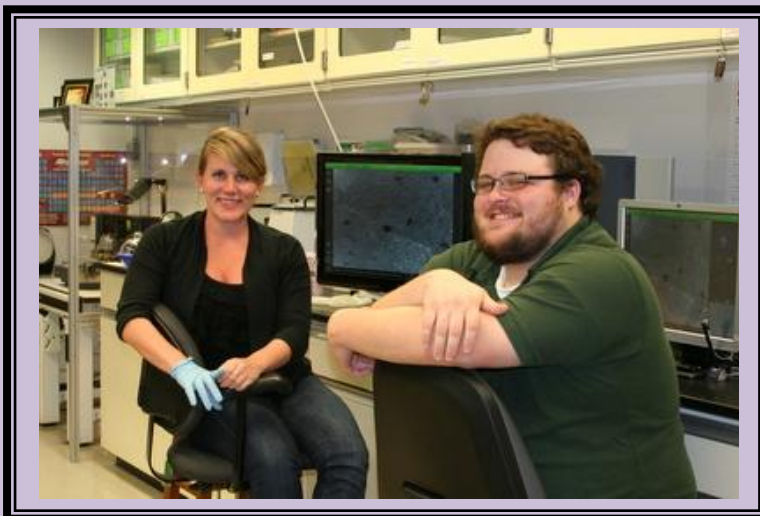
# August 2012



## College of William and Mary

### Applied Research Center Student Newsletter

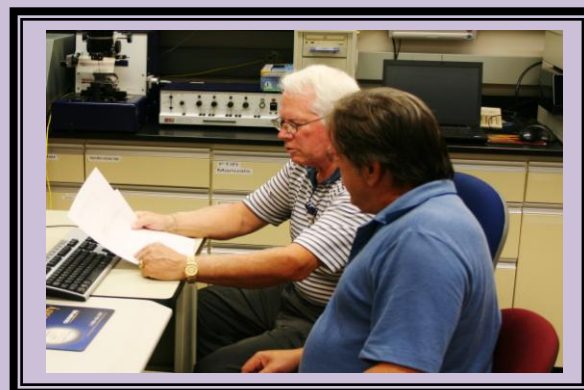
#### Research:



Pictured above is **Laura Lee Worrell**, a former W&M ARC summer intern and a current Virginia Tech student. This summer she was in an internship with the National Park Service Materials Conservation program at the National Center for Preservation Technology and Training (NCPTT) in Natchitoches, Louisiana. Her research involves the evaluation of commercially available primers for weathered wood. She brought her samples to our lab to analyze with our microscopes. She is pictured here with **Nick Moore** using our table-top Phenom Scanning Electron Microscope.



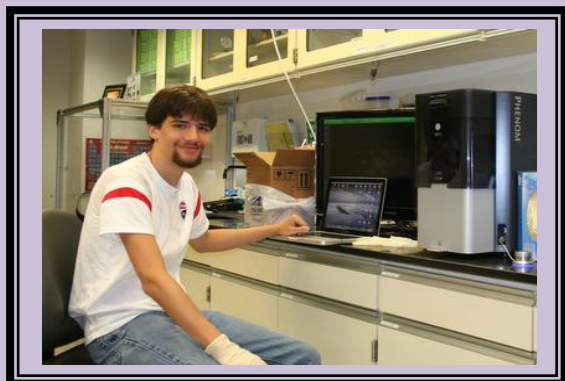
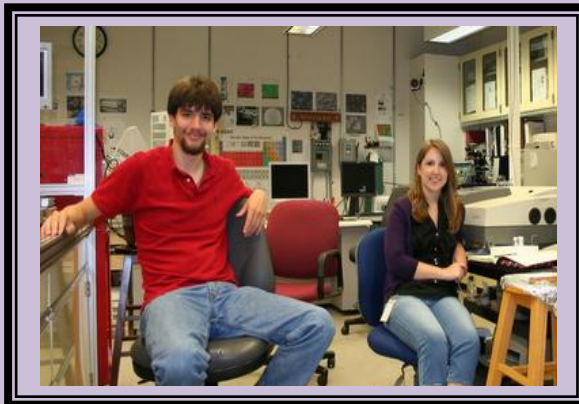
Olga Trofimova is pictured here analyzing Jefferson Lab Hall D copper cathode samples using the Hitachi Field Emission Scanning Electron Microscope.



Dick Owen of Jefferson Lab's Environment, Safety, Health and Quality Department brought samples for Brandt Robertson to analyze using our Energy Dispersive X-Ray Spectrometer.

## Student Highlight:

**Alex Shenenberger**, a Chemistry undergrad from Christopher Newport University (CNU) under the direction of Professor Fatah (CNU), has been a frequent visitor to our lab this summer. He has been analyzing his samples using the Phenom Scanning Electron Microscope (SEM), the Hirox Optical Microscope and the Atomic Force Microscope (AFM). **Michelle Bailey**, a CNU Chemistry senior under the direction of Professor Kelley (WM), is also pictured analyzing her samples using the Fourier Transfer-Infrared Spectrometer (FT-IR).



## Lab Visitors:



**Cynthia Frezek** of Williamsburg and her grand-daughter, **Natalie McCary**, a rising high school senior from Grand Junction, Colorado, recently visited our lab. Jefferson Lab Chief of Staff, **Sally Fisk**, wanted to make sure their visit included William and Mary's research activities. **Michelle Bailey**, former SULI participant, and **Nick Moore** (not pictured) led the tour.