



### Applied Research Center Student Newsletter

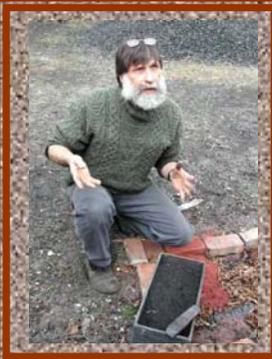
#### COLONIAL WILLIAMSBURG: FIELDTRIP

On March 17<sup>th</sup>, WM ARC staff took an exciting fieldtrip to the Colonial Williamsburg historic blacksmith shop. The purpose of this trip was to observe the practice of retro-technology. Our lab is involved in characterizing 18<sup>th</sup> century iron for the Colonial Williamsburg Foundation and we were able to obtain additional information about the samples.



The Colonial Williamsburg blacksmith shop.

Pictured in the backyard of the blacksmith shop, from left to right: Richard Proper, Amy Wilkerson, Shel Browder, Steve Mankowski, and Natalie Percy



Shel Browder is explaining the use of 18th century metallurgical techniques for producing iron and steel in England and later in America.

#### COLONIAL WILLIAMSBURG: FIELDTRIP



The picture on the left shows Amy Wilkerson and Steve Mankowski discussing details of the project.



Steve Mankowski and his colleagues demonstrated their blacksmith skills in the workshop.

#### LAB VISITORS



Tina Bunai is a research professor at W&M. She uses the ToF-SIMS to gather data for enhancing protein signals using ionic liquid matrices. Her husband, Peter, who co-owns Bunai & Drake Inc. in Williamsburg, visited our lab March 28<sup>th</sup>.



On March 30<sup>th</sup>, another visitor arrived at the lab. Guy Messenger, Southeast Regional Sales Manager for Physical Electronics. He is pictured above with Pete Harris, WM graduate student (left) and Richard Proper (right).