



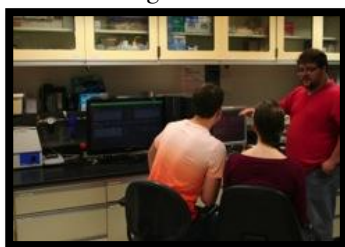
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Lab News: June 2014 Update



“If you’re not part of the solution, you’re part of the precipitate.” – Henry J. Tillman

W&M Undergraduates visit the ARC



Olga introduced the Scanning Probe/Atomic Force Microscope and High-Resolution Optical (Hirox) Microscope technique to William and Mary Summer Research Students. Olga explained to the students that a Scanning Probe Microscope could be compared to a blind person touching an object to understand its surface profile. Nick also provided a demonstration with the Phenom Tabletop Scanning Electron Microscope (SEM). He explained that this equipment is very useful for imaging at high-resolutions quickly. The group, 25 strong, also toured the majority of the Jefferson Lab campus.

Tom Boyd from Pfeiffer Vacuum Inc.



Tom visited with us on the 26th of June to review the vacuum pumps necessary to pump down deposition chambers in our labs. Wei Zheng, Peng Cheng, Tom Boyd, Amy Wilkerson, and Xin Zhao are pictured to the left in Lab 200 after discussing business.

Michael “THE SPORE GUY” Gregory



Michael Gregory, a recent Old Dominion University (ODU) graduate, conducted his research at the lab on hybrid spore samples of Virginia native plant isoetes on the Phenom Tabletop SEM for Dr. Lytton Musselman, a professor in the Department of Biological Sciences at ODU.

Daniel from SULI at JLab



Daniel Iriks, a summer intern at JLab, reserved the Hirox to characterize niobium samples. He hopes to simplify analysis techniques for the material. His work for JLab bridges the gap between computer programming and material sciences.

