



Applied Research Center Student Newsletter

Work in Progress



REU students continue their work at the ARC. Haijian Chen is helping them with sample analysis using TOF-SIMS. Erik Spahr, a graduate student at CWM, is using TOF-SIMS to characterize room temperature bionic liquids. Anne Zimmerman, an undergraduate physics student from CWM, is working with Erik as part of her REU experience.



Martin Droes and Ron Quinlan, a CWM graduate student in the Applied Science Department, are working on a project involving coating and characterizing nanosheets.



Jonathan Lok, a VT/NIA graduate research assistant, and Brad Hopkins, a VT undergrad mechanical engineering student, are working on the purification of Self-propagating High temperature Synthesis produced MgO/TiB₂ through Acid Leaching. They are pictured here using the SEM in their research.



Hindiya Mustafa, a NSU undergrad Chemistry student, is using AFM to characterize samples for a project involving the magnetic properties of thin films.

Lab Visitors



Amy Wilkerson demonstrates the practical applications of the HIROX microscope.



Dr. Michael Kelly gives an overview of the surface lab facilities

On June 13, graduate students from several local colleges visited the ARC. They were given a tour of the labs and an overview of the equipment used to analyze various samples.



Will Sommer, from the Accelerator Division of Jefferson Lab, toured the WM ARC Labs on June 27th.

Happy Birthday, Natalie!



Natalie Percy, a lab technician at the ARC, celebrated her 23rd birthday on June 23rd with a close circle of friends and coworkers.

Fire Safety Inspection



Fire Safety inspection took place on June 29th. Anthony Oubré verified that the ARC's personnel are following fire safety protocols.