

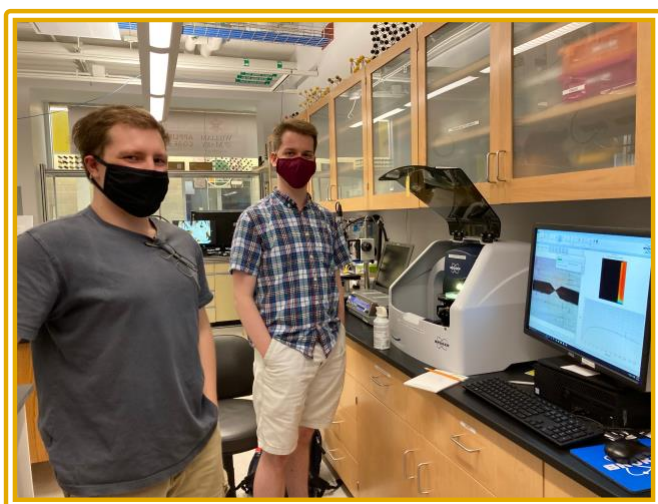


Applied Research Center Core Labs Student Newsletter

<http://www.wm.edu/sites/arc/newsletter/index.php>

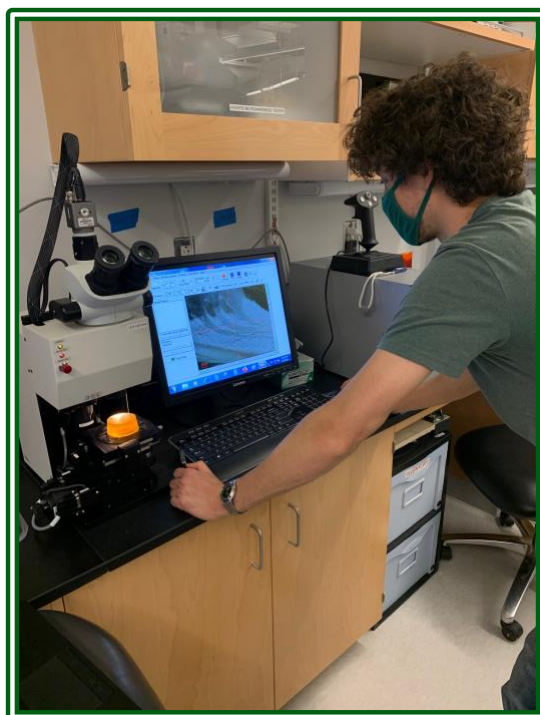
Contact: 757-221-3819

May 2021 Lab News

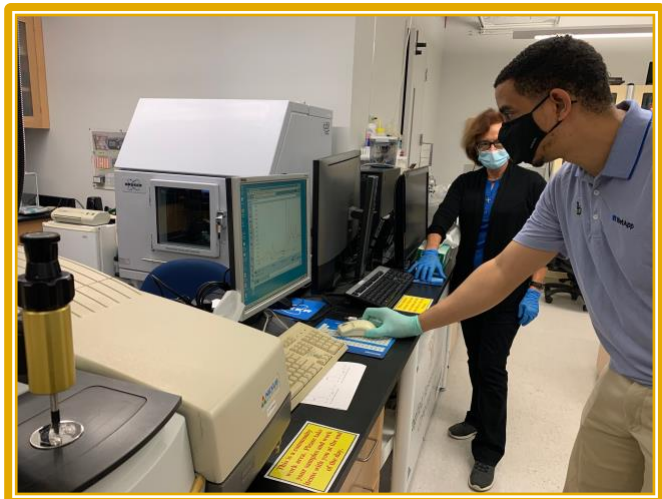


Andrew Beling (right) is working with Brennen Brown (left) on the DektakXT to analyze the flatness of copper samples and determine the need for further polishing of the samples. The samples will serve as the substrate for future atom chips in W&M's Ultra-cold AMO laboratory.

Paul Volante, a William & Mary alumnus (class of 2020) now working as a lab technician for the Geology department at W&M, is using the Micromill to observe an oyster shell. The goal of this analysis is to sequence each layer of the sample in order to look at different oxygen isotopes. This in turn will characterize past conditions of the Chesapeake Bay.



May 2021 Lab News Continued



Dr. Jerald Dumas (right), a chemical engineering professor at Hampton University, is working with Olga Trofimova (left) to analyze whether gelatin is conjugated in polyurethane samples using the FT-IR Spectrometer.

Congratulations Brennen and Lizzy!

Our two lab technicians are graduating from William & Mary at the end of May. Brennen Brown will be graduating with a B.S. in physics and Lizzy Salata will be graduating with a B.S. in physics and applied mathematics.



Interested in learning more? Go to our website at:

<https://www.wm.edu/sites/arc/>

Want to reserve equipment? Check our availability:

<https://events.wm.edu/calendar/upcoming/arcresources/>

And fill out our equipment request form:

https://wmsas.qualtrics.com/jfe/form/SV_cYpM5gCEWEyFPMN