



# WILLIAM & MARY

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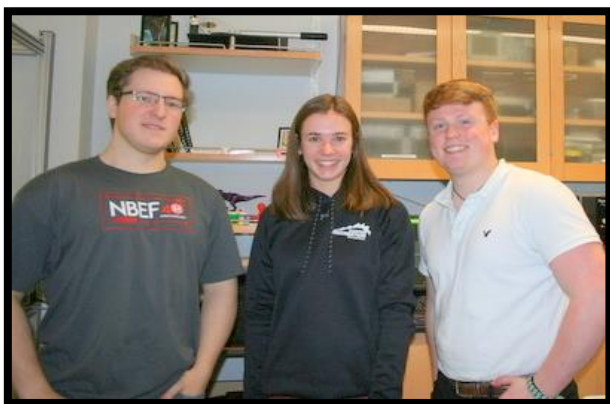
## Applied Research Center Core Labs Student Newsletter

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

(For information, the lab phone number is 757-221-3819)

Contributors: Amy Wilkerson, Olga Trofimova, Song Vick, Richard Proper, and Harry Eller

## January/February 2020 Lab News



Welcome back to our student Lab Techs, Brennen Brown, Lizzie Salata, and Alex Fay. Lizzy just returned from a semester at abroad at the University of St. Andrews in Scotland.

Max Weinhold, a W&M undergraduate in Physics, and a classmate are receiving training from Olga with using the Phenom microscope to evaluate silicon algae diatom deposits.



The MicroMill Sampling System from Elemental Scientific Lasers has been added to the lab. This new equipment uses a drill mounted on a video microscope assembly to precisely drill and mill samples.



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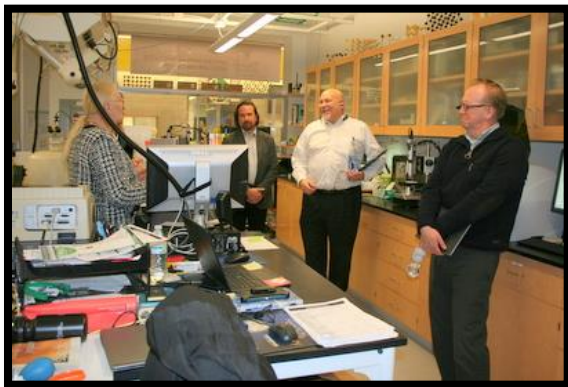
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Dr. Dennis Manos bought representatives from Noblis to the lab while they were touring the Integrated Science Center facilities.



Steve Nelson of Zenman Energy in Norfolk worked with Olga to analyze sulfur intercalated graphite powder using the Phenom microscope.



Harry, Amy, Doug and Olga are pictured here with Jennifer Boykin, President of New Port News Shipbuilding, who stopped by the lab for a tour while visiting W&M.



Md Nizan Sayeed, a graduate student in the Department of Electrical and Computer Engineering at Old Dominion University, used the FESEM to analyze his samples.