



**WILLIAM & MARY**

CHARTERED 1693

## 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**

## June 2019 Lab News

### Lab Researchers



Amy and Brennen were able to provide training on the new Dektak for Caleb, our summer Lab Tech, and Lizzy, a W&M junior majoring in Physics. Lizzy will be performing research under Dr. Cooke over the summer using the Dektak and other lab equipment.



Molly McGath, a conservator at Mariners' Museum, used the Raman to analyze her samples of efflorescent salts from organic materials.



Patrick McArdle, a Physics graduate student, analyzed his  $\text{Cu}_2\text{S}$  samples after he received Phenom microscope training from Olga.



Olga also provided Phenom training to Christopher Newport University Chemistry researchers Eric Biehler, Erin Phillips and Qui Quach.



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### June 2019 Lab News continued-



Steve Buck from Hirox is pictured here with Amy as he installs a new microscope lens in our Hirox RH-2000 digital microscope system that we received in April.



Richard and Harry were able to install the old Hirox microscope on a new stand so this equipment can still be utilized in the lab.

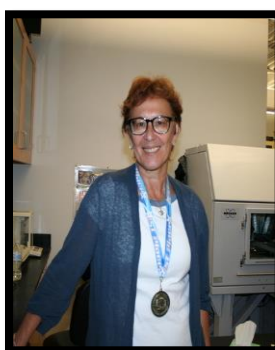


Sgt. Erica Silva, Crime Prevention Specialist at the W&M Police Department gave a safety awareness presentation to lab personnel and Lydia Whitaker. The presentation included information about the responsibilities of the W&M Police force including how they respond to criminal activity. Sgt. Silva also reviewed active shooter data and provided tips for how individuals can respond using the run, hide, and fight approach. After the presentation, Sgt. Silva stopped by the lab to discuss our specific safety and security options in ISC-3.



Richard received his 20 year service award this month from W&M. Along with a certificate, he received a beautiful silver paper weight with a special engraving.

**Congratulations Richard!**



Congratulations to Olga for placing 1st in her category at Jefferson Lab's 34th Annual Run-A-Round. In addition to running, Olga enjoys walking, hiking and kayaking when she's not in the lab.