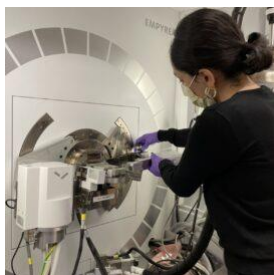


NEWS FROM THE ANALYTICAL INSTRUMENTATION FACILITY (AIF) - JANUARY 2021



Welcome Back, Wolfpack!

Throughout the COVID-19 pandemic, the AIF's primary goal has been the safety and well-being of our staff and users. By exhibiting appropriate caution and implementing and re-evaluating access policies and procedures throughout the pandemic, we have been able to keep the labs open and operating at maximum allowable capacities, which allows us to support your research and education activities. Please click here to read more details about accessing our facility.

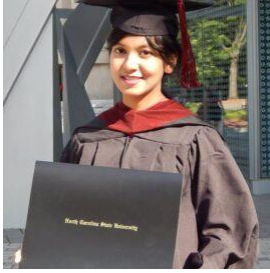
[New Procedures »](#)



AIF Hiring in XRD

We are hiring! The Analytical Instrumentation Facility (AIF) seeks a talented and industrious experimentalist to join our team as an X-ray Researcher. Click the link below to apply.

[Apply Here »](#)



AIF User Spotlight

Ruksana Baby is in her final year as a Ph.D. student in the Fiber and Polymer Science program from Wilson College of Textiles, working with Dr. Kavita Mathur. She is investigating skin-textile friction at different physical, mechanical, and climatic conditions. Read more about this amazing student here.

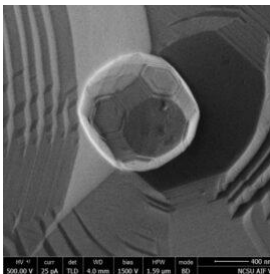
[Meet Ruksana »](#)



AIF's New TEM Research Associate

Please welcome our new TEM Research Associate, Tim Eldred. At AIF, he is responsible for assisting with sample preparation and imaging projects on multiple material systems. His research interests are in 4DSTEM structural analysis of ferroelectrics and thin films.

[Contact Tim »](#)



SEM Short Course on February 5

We are now offering a virtual short course on scanning electron microscopy (SEM). In addition to two lectures on practical SEM operation there will be a live (virtual) demonstration. For more details and to register, please contact Chuck Mooney at cbmooney@ncsu.edu.

[SEM Short Course »](#)



Vacuum Technology Short Course on February 12

The Vacuum Technology short course covers the vacuum pumps, gauges, fittings, and other equipment commonly found in vacuum systems. Students will learn how to operate and make changes to a working system. For more details, please contact Fred Stevie at fastevie@ncsu.edu.

[Vacuum Technology Short Course »](#)

[The RTNN is accepting applications for its 2021 summer RET program \(June 14-July 16\). »](#)