

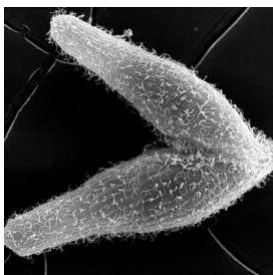
NEWS FROM THE ANALYTICAL INSTRUMENTATION FACILITY (AIF) - NOVEMBER 2021



Dr. Chris Winkler Wins Pride of the Wolfpack Award

Congratulations to our TEM Lab Manager, Chris Winkler, for winning the NC State Pride of the Wolfpack Award! This award recognizes individuals who demonstrate university values. Chris joined the AIF in 2019 and has made many positive contributions to our facility. Please join us in congratulating him for this award!

[Pride of the Wolfpack »](#)



BioEM & Imaging Capabilities at AIF

The AIF is excited to announce that our state-of-the-art Biological Electron Microscopy tools are now available for our users to access. Click here to see more details and contact our BioEM experts to learn about these new tools.

[AIF BioEM Equipment »](#)



Introduction to BioEM Techniques Course Next Semester

Want to learn more about electron microscopy? AIF's BioEM Staff Scientist, Aaron Bell, will be teaching a course next semester focusing on biological imaging and electron microscopy. This seven-week course will provide information on understanding SEM, TEM, and cryo-EM. Click here to read more!

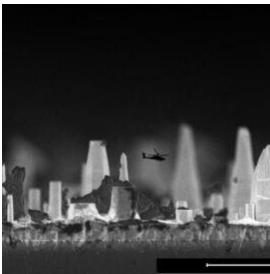
[BIT 495/595 Course »](#)



AIF User Spotlight

Sandra Stangeland-Molocis is a 4th year PhD candidate in the Joint Department of Biomedical Engineering at UNC Chapel Hill and NC State. Sandra is studying orthopaedic biomechanics with a focus on musculoskeletal deformities and disease. Her research aims to benefit stroke survivors Read more about Lydia here.

[Meet Sandra »](#)



"Dinos Take the City"

Congratulations to James Loveless! He won the 2021 NNCI Image Contest in the Most Whimsical category. This image was taken using AIF's Verios, which allows for ultra-high resolution imaging at low energy on insulating samples with no conductive coating. The image shows his sample, which is gallium nitride grown on sapphire at very high temperatures.

[Image Contest »](#)



Vacuum Science Videos

Would you like to learn more about Vacuum Technology? These videos cover the vacuum pumps, gauges, fittings, and other equipment commonly found in vacuum systems. Users will learn how to operate and make changes to a working system.

[Vacuum Videos »](#)