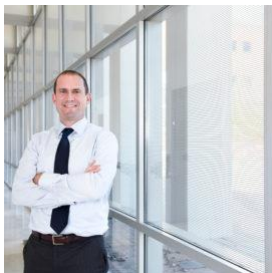


NEWS FROM THE ANALYTICAL INSTRUMENTATION FACILITY (AIF) - APRIL 2020



A Message From the Director

COVID-19 may have disrupted our on-campus operations, but the AIF staff have been putting together all sorts of opportunities to connect with us online – to learn more fundamentals, help to analyze and interpret your data, and to introduce you to new techniques. [Click here to read more.](#)

[Read More »](#)

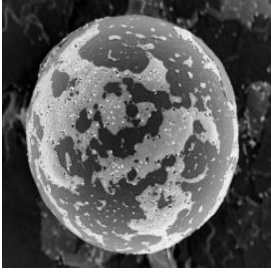


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RTNN Take-out Science

The RTNN announced a weekly microscopy program for your quarantined viewing pleasure. Take-out Science will be held every Tuesday at noon. Each week, an RTNN scientist will explore a different theme using both a light microscope and a portable scanning electron microscope. Bring your lunch and your questions!

[Take-out Science »](#)



Envisioning Research Competition - You Could Win \$250!

The Envisioning Research competition is now open and accepting applications! The contest awards the best visual representations of NC State research, including microscopy images. Graduate students, undergraduate students, postdocs, faculty, and staff can apply. The deadline is June 5, 2020. Show off the cool pictures you have from AIF!

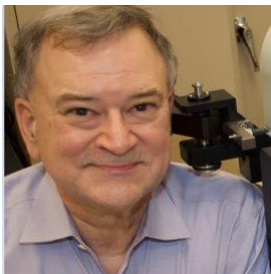
[Learn More »](#)



Welcome Dr. Wenpei Gao

Please welcome our new TEM Principal Scientist, Dr. Wenpei Gao, who recently joined the faculty of Materials Science and Engineering as an Assistant Professor. His research focuses on developing correlative in situ imaging techniques in state-of-the-art advanced Scanning/Transmission Electron Microscopy to study the dynamics of nanostructured catalyst, which bridges the atomic scale mechanisms with reaction and transformation in chemistry.

[Contact Wenpei »](#)



AIF User Spotlight

Dr. Larry Blanton is a Professor of Plant Biology in NC State's Department of Plant & Microbial Biology. Currently, he is studying the organization, distribution, and morphology of rosette cellulose synthesis complex (CSC) in the plasma membrane of a type of moss. Read more about Dr. Blanton and his research by clicking the link below.

[Meet Dr. Larry Blanton »](#)



Recent X-ray Computed Tomography Results

Dr. Anton Jansson has been using the Zeiss Xradia for interesting research. X-ray computed tomography is one of AIF's newest instruments that allows users to see internal structures of their samples and is non-destructive. Click here to read about research being conducted at AIF.

[Zeiss Xradia »](#)



2019-2020 University Faculty Scholars

Congratulations to the recently-announced 2019-2020 University Faculty Scholars. All faculty scholars receive this designation due to their significant academic achievements and contributions to NC State through their teaching, scholarship, and service to the university and greater community. Out of the 24 selected, 7 are faculty that have utilized the AIF. We'd like to recognize AIF's current and past PIs for their achievement: Casey M. Theriot, Erik Santiso, Peter Ojiambo, Tiegang Fang, Emiel DenHartog, and Ashley Brown.

[See Full List »](#)

[View Our Upcoming Virtual Events! »](#)