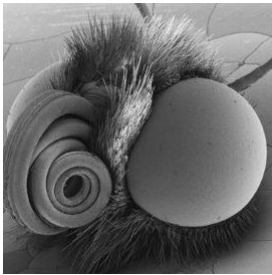


## **NEWS FROM THE ANALYTICAL INSTRUMENTATION FACILITY (AIF) - SEPTEMBER 2019**



### **Bio-EM Images**

Dr. Aaron Bell has taken hundreds of images using AIF's Leica ACE900 Freeze Fracture System. We've recently uploaded some to our website. Are you interested in getting similar images? Contact Dr. Bell directly at [ajbell6@ncsu.edu](mailto:ajbell6@ncsu.edu).

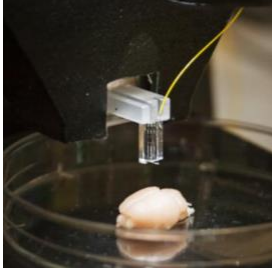
[Bio-EM »](#)



### **X-ray Microscope (XRM) Postdoctoral Researcher Opening at AIF**

We are hiring! The AIF at NC State University is seeking a talented and industrious experimentalist to join our team as an X-ray Microscope (XRM) Postdoctoral Researcher.

[Apply Here »](#)



## **Bio-Indentation Workshop - November 6-7, 2019**

NC State's Analytical Instrumentation Facility (AIF) and Optics11 are hosting a workshop focused on mechanical characterization of biological and soft materials through nanoindentation. Click the link to find out more details.

[RSVP Here »](#)



## **AIF User Spotlight**

Rachel Nye is a second year PhD student in Chemical Engineering. She is working under Dr. Gregory Parsons, whose research explores chemical reactions on surfaces, particularly for formation of thin films by atomic layer deposition. Read more about Rachel and her research by clicking the link below.

[Meet Rachel »](#)



## **RTNN's Student Ambassador Program**

Are you looking to make a difference in the community? This program is a great opportunity and is open to undergraduate and graduate students from NC State University, Duke University, and the University of North Carolina at Chapel Hill. These students will represent the RTNN to visitors and program participants. Priority deadline is October 1, 2019.

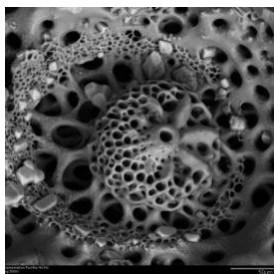
[More Details »](#)



## **Cool Science: Solar Cell Operation**

Want to learn more about solar cell operation with wide-bandgap lead oxysalts? Check out this article that highlights Jingsong Huang's recent research and how AIF played an integral part.

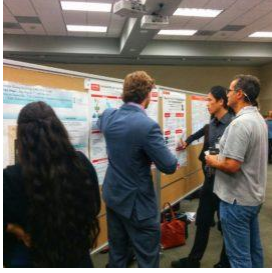
[Cool Science Here »](#)



## **Deadline Extended for RTNN Image Contest to September 25, 2019**

The deadline to submit an image for the National Nanotechnology Day Image Contest has been extended to September 25. Submit it to [rtnanonetwork@ncsu.edu](mailto:rtnanonetwork@ncsu.edu) (competition details in link below).

[Contest Information »](#)



## **Reminder: Carolina Science Symposium**

The Carolina Science Symposium will be held at the McKimmon Center on November 8. The symposium is expected to draw about 100 participants, both locally and from the surrounding region. Make sure to register by November 1st!

[Learn More »](#)

[New to nanotechnology and want to learn more? Become an expert by taking RTNN's free online course. »](#)