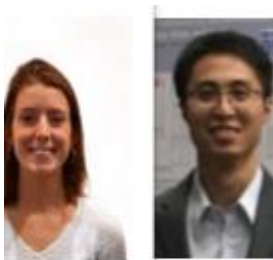


NEWS FROM THE ANALYTICAL INSTRUMENTATION FACILITY (AIF) - DECEMBER 2019



7th Annual AIF Best Paper Award Winners Announced

Please join us in congratulating the 2019 winners! Emily Mihalko (in Dr. Ashley Brown's group) and Zhiren Luo (in Dr. Chih-Hao Chang's group) were the two student winners this year. Click the link to read more about their papers and how they highlight the capabilities of AIF.

[Winners »](#)



First Bio-Imaging User Meeting: Success

AIF hosted the first Bio-Imaging User Meeting during the last week of October. The discussion was led by AIF and Biomedical Engineering (BME) representatives, including Dr. Shadow Huang (AIF Associate Director and Associate Professor in MAE), Dr. Ashley Brown (Assistant Professor in BME), and Dr. Aaron Brown (AIF Bio-EM Specialist). Are you interested in learning more about our bio capabilities? Email Dr. Huang directly at hshuang@ncsu.edu.

[Bio User Meeting »](#)



AIF User Spotlight

Laura Dalton is a second year PhD student in the Civil, Construction, and Environmental Engineering Department working under Dr. Mohammad Pour-Ghaz. Her PhD topic involves utilizing imaging modalities at different length scales and hybrid 3D imaging techniques to improve the understanding of mass transport in porous media such as concrete.

[Meet Laura »](#)



Cool Science: Younger Dryas Impact Hypothesis

Want to learn more about the Younger Dryas Impact hypothesis? Check out this article that highlights this intriguing research and how AIF played an integral part.

[Cool Science Here »](#)



Abby Carbone Chosen as the Fall 2019 Student Commencement Speaker

AIF's first undergraduate staff microscopist has been named the NC State's Fall 2019 student commencement speaker. This is a huge honor as these speakers embody the Wolfpack spirit by showcasing leadership, service, and Wolfpack pride. Read more about Abby by clicking the link below.

[Read More »](#)



Interest Meeting for Cryo-TEM Workflow on January 14, 2020

This meeting will emphasize cryo-TEM workflow that can be applied to both life and materials sciences. Specifically, we are looking for your input and involvement to develop future hands on workshops for the processing of Cryo-EM samples at the AIF, especially workflows on samples consisting of plant and animal matter. Please join us for this discussion in MRC 463 from 9-11am.

[Cryo-TEM Workflow »](#)



2019 CSS Success

With ~ 130 participants, 15 vendors, and a lot of planning, we had a very successful event that was full of interesting talks and fun science discussions. Click the link to see all of the award winners and view the full program.

[2019 CSS »](#)

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