

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



AIF User Spotlight

Manik Chandra Biswas is a doctoral candidate working as research assistant in the Wilson College of Textiles under the supervision of Dr. Ericka Ford. His dream is to be a future leader and driver in helping the materials and textile industry adopt a circular economy. Learn more about Manik by clicking the link below.

[Meet Manik »](#)



AIF Exceeds the 50-in-50 AIF Challenge

Please join us in congratulating and celebrating our amazing lab managers! They trained 50 new independent lab users in only 43 days – beating the 50 day goal. This “50-in-50” challenge was initiated by AIF’s director, Jacob Jones, on April 27 to promote the growth of the newly trained user base, even while operating under some constraints remaining from the pandemic. The Talos and Verios labs were the top two that had the most new users.

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Hitachi HT7800 TEM Available For Training July 1

The AIF is excited to announce that our newly acquired Hitachi HT7800 Transmission Electron Microscope will be available for training starting July 1. This TEM is a 120 kV transmission electron microscope, is designed for superior biological imaging, and has many convenient features to aid in image acquisition. If you have any questions or would like to sign up for training, please contact Aaron Bell at ajbell6@ncsu.edu.

[New Hitachi TEM »](#)



AIF's New Operating Status & Instructions

The AIF is now operating under NC State's Phase IV guidelines: “All research activities will be allowed with no occupancy density requirement in research spaces. Individuals are still encouraged to maintain a 6-foot distance whenever possible. A maximum limit of 100 occupants will be allowed at a given time regardless of the size of the space.” Find out more information on our website.

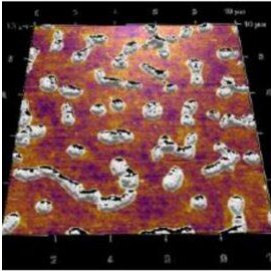
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AIF's TEM Principal Scientist Receives Albert Crewe Award

Congratulations to our TEM Principal Scientist, Wenpei Gao, for receiving the 2021 Albert Crewe Award from the Microscopy Society of America. The Albert Crewe Award is presented to early career scientists for their contributions to the field of microscopy and microanalysis. Learn more about Dr. Gao and his research by clicking the link below.

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Asylum Research AFM Image Data Processing & Analysis Recording

Did you miss the Introduction to Asylum Research AFM Image Data Processing & Analysis seminar on April 23? You can now watch it by clicking the link below. This virtual online seminar provided an overview of basic data processing protocols for AFM image data collected from RTNN's many Oxford Instruments Asylum Research AFMs to enhance user presentation capabilities.

[AFM Seminar Recording »](#)

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