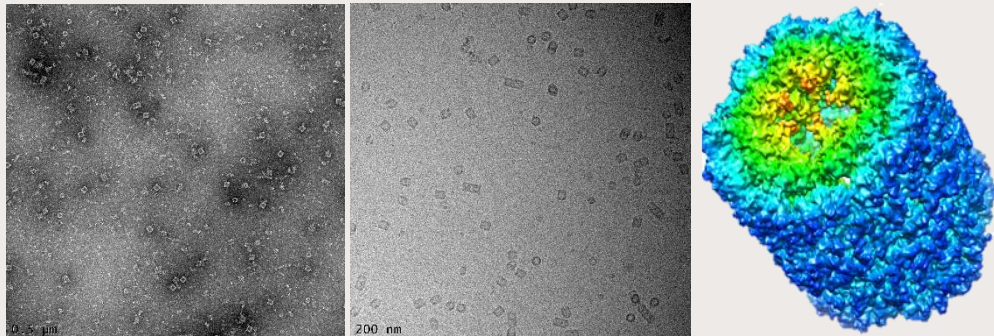


REQUEST FOR PROPOSALS

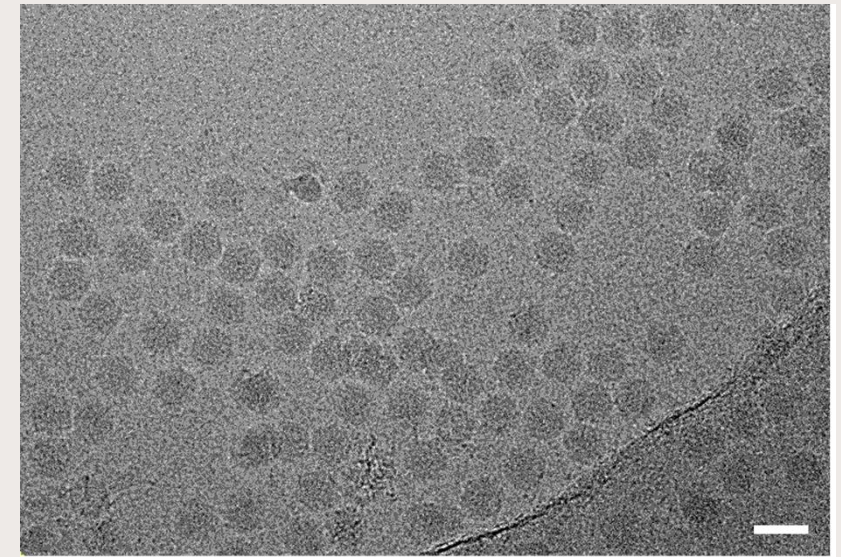
What is an EMC Fellow?

- As an EMC fellow, students (6) will be awarded funds (\$2000) for training and research to be performed in the Electron Microscopy Core.
- EMC Fellows will be required to participate in the Biochem 9001 “Protein Structure Determination by Transmission Electron Microscopy” course for 3 hours credit in SS2017.
- EMC fellows will be highlighted on EMC’s website for this distinguished recognition.
- EMC fellows will be encouraged to present their work in local, regional, and national microscopy conferences.



Keyhole Limpet Haemocyanin (KLH); negative stain (left), cryo-TEM (middle), 9 Å 3D reconstruction (right).

Please send EMC Fellow proposals to:
EMC Director, Tommi White
(whiteto@missouri.edu)



Thin vitreous ice of icosahedral virus capsids (AAV-2) for gene therapy collected on Purdue’s Titan Krios with direct electron detector (scale 25 nm).
Michael Nance & Jennifer Wolf, Biochem 9001

How do I become an EMC fellow?

- Proposals are due May 1st, 2017 and should contain the following information (2 pages ONLY):
 - Advisor Name, Department & introduction to research
 - Research questions to be addressed
 - Electron microscopy methods to be employed
 - Expected outcomes (results, publications, grants, etc.)
- Proposals will be judged by EMC staff for their content, feasibility, potential for publications and grants.
- EMC Fellows will be announced May 12th, 2017 and a consent number will be provided to enroll in the course.