

**Perelman School of Medicine at the University of Pennsylvania  
Resource Technologist for Single Particle Electron Microscopy Resource**

The Electron Microscopy Resource Laboratory (EMRL) core facility at the Perelman School of Medicine at the University of Pennsylvania has an opening for a Research Technologist (class C) to manage the single molecule electron microscopy imaging equipment, associated computer clusters and peripherals located in the core facility.

The EMRL core facility is equipped with a screening microscope (120KeV Tecnai 12 TEM), a 200 KeV FEG microscope (FEI TF20) equipped with a direct electron detector (FEI FalconII), and associated computer clusters and peripherals. Data collection with the TF20 is facilitated by software for automated single particle imaging.

Responsibilities for the position will be to maintain the equipment, coordinate and document equipment usage, train new users, assist in sample preparation, data collection and data analysis, and periodically report on activities to the Scientific Director of the core facility.

The candidate is expected to have at least a Bachelor's degree and 5 to 7 years of experience or equivalent combination of education and experience in single particle electron microscopy data collection and structure determination, and have strong communication and teaching skills. A Ph.D. degree is preferred. This position provides the opportunity for the candidate to directly participate in academic research centered on studying the structure/function of large macromolecule complexes associated with several different biological areas of research, and to interact with other scientists at the University of Pennsylvania.

Interested candidates should submit a cover letter summarizing their background and interest in the position, and a *curriculum vitae* containing contact information for at least three people who can provide letters of reference to <http://jobs.hr.upenn.edu/postings/20753>