

## **Transmission Electron Microscope Facility Manager Position at UCSD**

The Department of Chemistry and Biochemistry at the University of California, San Diego (UCSD) seeks an experienced electron microscopist to assume the role of Facility Manager and manage the day-to-day operations of its Cryo-Electron Microscope Facilities (<http://cryoem.ucsd.edu/facilities.shtm>). The facilities in Bonner Hall on campus currently include two transmission electron microscopes (200kV FEI Sphera and 300kV FEI Polara) and various accessories that support a wide range of projects involving electron cryotomography, single particle analysis, and electron crystallography of both stained and frozen-hydrated samples. Temperature and humidity controlled space is available to add a third high-end instrument. The Facility manager will be responsible for training and supervising students, staff, and scientists in all aspects of the use of microscopy equipment, sample preparation, data acquisition and processing. Critical to the position will be the ongoing development and implementation of new cutting edge techniques to enhance the collection of data; active participation in the research programs of faculty; and the design, implementation, and maintenance of a web site that will serve as a training and informational tool to users of the facility. The ideal candidate will have a Masters or Ph.D. degree in science (preferably in the Life Sciences) with ten or more years experience in hands-on electron microscopy and designing and conducting experiments, collecting data, and reporting results. Additional desired traits include: Ability to manage a large, multi-user research facility and to perform all duties with limited supervision; Previous teaching experience or experience in training large numbers of graduate students, postdoc, and research staff in the operation of modern transmission electron microscopes; Strong research background and publication record and evidence of successful grant writing and fund raising and willingness to write shared instrumentation grants to acquire or modify new equipment. Exceptional organizational and interpersonal skills are essential. Demonstrated experience in the use, maintenance, and testing of digital recording devices (especially direct electron detectors) is particularly beneficial.

To apply for this position, send your CV and the names of at least three qualified references to either [tsb@ucsd.edu](mailto:tsb@ucsd.edu) or [evilla@ucsd.edu](mailto:evilla@ucsd.edu).

UCSD is an Affirmative Action/Equal Opportunity Employer with a strong institutional commitment to excellence through diversity.

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