



SIMONS ELECTRON
MICROSCOPY CENTER

NEW YORK STRUCTURAL BIOLOGY CENTER 

Technician and Internship Positions for *in situ* structural cell biology R&D (SEMC/NYSBC - NYC, USA)

Love cell biology and structural biology? Start your career as a leader in the emerging field of *in situ* structural cell biology. As a technician or paid intern in our program, you'll join our cutting-edge research and development initiatives to understand the cellular context in which macromolecules exist and associate to form the basis of life using cryo-EM/ET. Key technologies in active development include correlative light electron microscopy (cryo-CLEM), focused ion beam milling (FIB-Milling) of single cell and mammalian cells, lift-out procedure of tissue, and automation software for tomography acquisition and unsupervised FIB-Milling. No prior EM experience is required as we are building an integrated team to push the barriers of the field and create new methodologies. Hands-on scientific experience, Linux experience, and Python programming experience are pluses, but not required.

At the Simons Electron Microscopy Center we are equipped with a Helios Nanolab 650 with a cryo-stage, AutoScript4 FIB/SEM automation software, and Omniprobe lift-out, a Zeiss Airyscan 2, high-pressure freezers, several grid plunging devices including Spotiton and Chameleon, several screening electron microscopes, and several Titan Krios electron microscopes.

Interested? Find out more by visiting <http://semc.nysbc.org> or email Kotaro Kelley at kkelley@nysbc.org