

CCEM One-Year Staff Position: Transmission Electron Microscopy

2023-12-22

The Canadian Centre for Electron Microscopy (CCEM) invites applications for a staff position specializing in the field of transmission electron microscopy (TEM). We are looking for an individual to join our team of dedicated staff at the CCEM – a user access facility based out of McMaster University, which provides electron and related microscopy support, services, and consultation to a broad range of researchers in academia and industry. This position will be held at McMaster University central campus, located in Hamilton, Ontario, Canada.

CCEM is host to 19 different characterization instruments, including some of the most advanced TEM instruments in the world. It is expected that this position will primarily involve work on the Thermo Scientific Talos F200X and Spectra Ultra. This is an opportunity to work with a host of leading-edge instrumentation and techniques in a dynamic environment, on a wide variety of materials and projects.

The successful candidate will:

- Work with graduate students, faculty members, and industry clients on sample analysis
- Utilize TEM, high-resolution scanning transmission electron microscopy (HR-STEM), energy dispersive x-ray spectroscopy (EDS) and electron energy loss spectroscopy (EELS) techniques
- Manage instrument scheduling, and coordinate with other CCEM staff on projects
- Perform routine instrument maintenance and coordinate with vendor service personnel
- Provide consultation to potential CCEM users on TEM capabilities
- Manage numerous projects simultaneously, and organize their own work schedules to effectively utilize CCEM instruments and resources

Applicants should have completed at minimum a MASc. (or equivalent degree) in a science or engineering related discipline, with a Ph.D. or equivalent experience preferred. Established hands-on experience with TEM is required, and a background in materials characterization would be considered an asset.

The position is for 1 year with flexible start time, and an offered salary range of 70,000 – 80,000 CAD.

CCEM offers an inclusive and diverse work environment. Our guiding principles include education and inspiration, professional development, and accessibility to a large scientific community. We uphold an environment of trust, responsibility, and transparency.

Applications (CV and cover letter) can be submitted via email to: Brian Langelier, Facilities Manager, CCEM (langelb@mcmaster.ca). The position will remain open until a suitable applicant has been found.

Employment Equity Statement:

McMaster University is located on the traditional territories of the Haudenosaunee and Mississauga Nations and within the lands protected by the “Dish With One Spoon” wampum agreement. The diversity of our workforce is at the core of our innovation and creativity and strengthens our research and teaching excellence. In keeping with its Statement on Building an Inclusive Community with a Shared Purpose, McMaster University strives to embody the values of respect, collaboration, and diversity, and has a strong commitment to employment equity. The University seeks qualified candidates who share our commitment to equity and inclusion, who will contribute to the diversification of ideas and perspectives, and especially welcomes applications from indigenous (First Nations, Métis or Inuit) peoples, members of racialized communities, persons with disabilities, women, and persons who identify as 2SLGBTQ+. Job applicants requiring accommodation to participate in the hiring process should contact: [Human Resources Service Centre](#) at 905-525-9140 ext. 222-HR (22247)