



# Indigenous.Link

Canada's fastest growing Indigenous career portal, Careers.Indigenous.Link is pleased to introduce a new approach to job searching for Indigenous Job Seekers of Canada. Careers.Indigenous.Link brings simplicity, value, and functionality to the world of Canadian online job boards.

Through our partnership with Indigenous.Links Diversity Recruitment Program, we post jobs for Canada's largest corporations and government departments. With our vertical job search engine technology, Indigenous Job Seekers can search thousands of Indigenous-specific jobs in just about every industry, city, province and postal code.

Careers.Indigenous.Link offers the hottest job listings from some of the nation's top employers, and we will continue to add services and enhance functionality ensuring a more effective job search. For example, during a search, job seekers have the ability to roll over any job listing and read a brief description of the position to determine if the job is exactly what they're searching for. This practical feature allows job seekers to only research jobs relevant to their search. By including elements like this, Careers.Indigenous.Link can help reduce the time it takes to find and apply for the best, available jobs.

The team behind Indigenous.Link is dedicated to connecting Indigenous Peoples of Canada with great jobs along with the most time and cost-effective, career-advancing resources. It is our mission to develop and maintain a website where people can go to work!

Contact us to find out more about how to become a Site Sponsor.

Corporate Headquarters:

Toll Free Phone: (866) 225-9067

Toll Free Fax: (877) 825-7564

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# Job Board Posting



Careers.Indigenous.Link

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## SPECIAL APPOINTMENT IN ADVANCED ELECTRON MICROSCOP

<b>Job ID</b>	<b>30474-4344</b>	
<b>Web Address</b>	<a href="https://careers.indigenous.link/viewjob?jobname=30474-4344">https://careers.indigenous.link/viewjob?jobname=30474-4344</a>	
<b>Company</b>	McMaster University	
<b>Location</b>	Hamilton, ON	
<b>Date Posted</b>	From: 2020-01-23	To: 2050-01-01
<b>Job</b>	Type: Full-time	Category: Education

### Description

Special Appointment in Advanced Electron Microscopy and Spectroscopy of Nanoscale Systems

McMaster University, Department of Materials Science & Engineering The Department of Materials Science at McMaster University invites applications for a Special Appointment at the Assistant or Associate Professor levels in the area of Materials Characterization. The appointment is of 3-year duration. This position will expand upon current McMaster expertise in materials analysis, micro-nanostructures and nanoscale fabrication as well as contributing to the Faculty's strategic initiatives in micro and nano systems. The successful candidate should have expertise in the field of advanced electron microscopy methods, with a focus on high resolution electron spectroscopy and imaging. In particular, the ideal candidate would have a track record in very high-resolution monochromated electron optics and spectroscopy and their application to characterizing nanomaterials. The applicant is expected to develop a strong externally funded research program in the Department of Materials Science and Engineering and capitalize on the use of existing infrastructure at the university and located, in particular, at the Canadian Centre for Electron Microscopy (CCEM). This facility currently houses two aberration-corrected microscopes, 2 FIBs, 3 SEMs, one Auger Scanning Microscope and a 3D Atom Probe and will make further investments in monochromated electron microscopes over the next several years. This position will build upon faculty expertise in materials engineering, as well as facilities and experience available through the CCEM. McMaster University is committed to building an inclusive community dedicated to teaching and learning within a diverse environment. The Faculty of Engineering seeks to attract an active, culturally and academically diverse faculty member of the highest caliber and welcomes applications from highly qualified candidates with skills and abilities that will contribute to the values of equity, diversity and inclusion in research, teaching, and the workplace. The Faculty of Engineering at McMaster University has a reputation for innovative programs, cutting-edge research, leading faculty, and aspiring students. It has earned a strong reputation as a centre for academic excellence and innovation. The Faculty has approximately 180 faculty members, along with close to 5,000 undergraduate and 1,000 graduate students. The Department of Materials Science and Engineering has a strong international reputation in both research and teaching and is one of the top Materials Departments in Canada. In addition to our international reputation for excellence in materials characterization, our faculty members are internationally recognized for their

cutting edge research activities in areas such as nanomaterials, biomaterials, solar cells, supercapacitors, batteries, computational materials science, materials processing, corrosion, materials for automotive applications, as well as ferrous metallurgy. Applicants must have earned a Ph.D. in Materials Science/Engineering, Physics, Applied Physics or a closely related discipline. The successful applicant will be expected to develop an effective research program in the Department of Materials Science and Engineering and demonstrate a strong commitment to mentoring at the graduate levels. An established track record of receiving major scientific research funding will be a benefit. The successful candidate will teach both undergraduate and graduate level courses. Evidence of leadership skills, excellence in service, and a demonstrated ability to work effectively with individuals from diverse communities and cultures is also required. Interested applicants should submit a letter of interest, curriculum vitae, a research dossier that includes a statement of research interests and plans, a selection of research publications, a teaching dossier that includes a teaching philosophy, as well as evidence of teaching experience and effectiveness, along with the names of at least four references that speak to academic and research performance (with postal and email addresses). In both your research and teaching statements, please also describe how you will further equity and inclusion to advance McMaster University's commitment to fostering a culture that embraces and promotes the rich diversity of our campus community. Some current examples of activities, include diversity-related programming, contributions to student success, committee work, and appropriate mentoring of individuals, especially those from groups that have been historically marginalized or disadvantaged. Complete applications must be made online at [www.workingatmcmaster.ca/careers](http://www.workingatmcmaster.ca/careers) (Faculty Postings, Job #30474) to the attention of: Dr. Hatem S. Zurob, Professor & Chair

Department of Materials Science and Engineering  
McMaster University,  
Hamilton, ON Canada L8S 4L7

Complete applications that are received by February 29, 2020 will receive full consideration. Review of applications will continue until the position is filled. The effective date of appointment is negotiable, but July 1, 2020 is preferred. The position will be of 3-year duration. All applicants will receive an on-line confirmation of receipt of their application; however, only short-listed applicants will be contacted for interviews. All qualified candidates are encouraged to apply; however, Canadian and Permanent Residents will be given priority. Job applicants requiring accommodations to participate in the hiring process should contact the Human Resources Service Centre at 905-525-9140 ext. 222-HR (22247) to communicate accommodation needs. To comply with the Government of Canada's reporting requirements, the University is obliged to gather information about applicants' status as either Permanent Residents of Canada or Canadian citizens. Applicants need not identify their country of origin or current citizenship; however, all applications must include one of the following statements: Yes, I am a citizen or permanent resident of Canada

No, I am not a citizen or permanent resident of Canada

For more information, visit McMaster University for SPECIAL APPOINTMENT IN ADVANCED ELECTRON MICROSCOP

