Managing Director, McMaster Institute for Advanced Medical Isotopes

A World-Leader in Medical Isotopes

The world is entering a new phase of medical isotope and radiopharmaceutical research and development, powered by advances over the past five years in chemistry, physics, mathematics, engineering and multiple fields of medicine including oncology and neurology. Investments in research and training have led to the discovery of promising new treatments and new imaging agents. These investments have also driven major economic activity with recent private and public investments in medical isotope investment exceeding one billion dollars.

Building on recent successes and past investments, McMaster has the potential to emerge as the world-leading University in this medical isotope and radiopharmaceutical renaissance. To realize this opportunity McMaster is formalizing structures to coordinate and harness the potential of our unmatched infrastructure and ensure we are greater than the “sum of our parts”.

Current strength and expertise in isotope research, production and commercialization, as well as physical infrastructure including the McMaster Nuclear Reactor (MNR), cyclotron and high-level laboratory facilities create a unique and powerful combination of assets that will enable immense research impact and innovation potential. McMaster also has access to various affiliated enterprises and networks that will be critical to establishing closely integrated strategies and realizing success.

Job Description

The **Managing Director, McMaster Institute for Advanced Medical Isotopes** is responsible for contributing to the development and leading the implementation of the strategic and operational vision for the medical isotope infrastructure, ecosystem and critical supporting programming.

The Managing Director (MD) will lead the implementation of a medical isotopes institute strategy, as developed by the Scientific Director, and develop and manage corresponding operational plans that will serve as the umbrella framework under which the University will invest and coordinate its efforts in this space. Initially reporting to the Assistant Vice President, Research (Nuclear), the MD takes a lead role in the management and coordination of operations, projects, external relations (including donor, partner and government relations), communications, administrative functions (human resources and financial management) and project management for medical isotope activity within the planned institute and the Office of the Vice President, Research.

Core Accountabilities

In a collaborative team environment which embraces the values of integrity, teamwork, and inclusivity, the Managing Director is expected to:

- **Lead the creation and initial growth of the Institute**
  - In conjunction with the Scientific Director, lead the development and creation of a McMaster Institute focused on the research, commercialization and impact of medical isotopes with local and global impact.

- **Identify and operationalize strategic priorities**
  - Partner with the Institute Scientific Director to identify strategic priorities of the Institute and ensure alignment with University academic, research and enterprise priorities, as well as external public and private opportunities and emerging needs.

- **Build government, stakeholder and donor relations**
    - Independently and/or alongside the Scientific Director, represent McMaster and the Institute in discussions and negotiations with external groups, such as industry partners, other academic institutions and potential donors.

- **Perform ongoing research management, consultation and analysis**
    - Develop and maintain an understanding of complex medical isotope research initiatives across the University and within the broader sector and actively participate in high level and operational scientific discussions and working groups, including leading meetings, facilitating relationships and identifying novel research ideas that attract researchers from multiple disciplines.

- **Lead administration of the Institute**
    - Anticipate and develop strategies to address short- and long-term operational needs for the Institute, including human and financial resources and infrastructure; drive continuous improvement in all aspects of the Institute's operations.

- **Oversee communication initiatives**
    - Develop and implement strategic communication plans for the University's medical isotope and radiopharmaceutical research programs and the Institute that effectively target internal, regional and global audiences for multiple purposes including fundraising, profile building collaboration opportunities, etc..

Are you the right candidate?

The successful candidate will have a **minimum of 5 years of management experience**; experience in designing and implementing programs of research, administering large scale research programs, platforms or networks and their budgets; experience in supporting complex grant applications and fundraising activities; and experience in the development, practices, principles and operations of strategic planning and process improvement and innovation. The successful candidate will also have a post-graduate degree in a science, engineering or health science related discipline and extensive experience in a related field such as isotope production, radiopharmaceuticals, nuclear research operations, etc. Additional qualifications include:

- Superior writing and oral communication skills; experience writing complex scientific and financial reports and delivering presentations to a variety of audiences.
- Experience leading committees, including setting strategic agendas and overseeing resulting outputs/actions.
- Ability to synthesize, analyze and interpret information from a variety of sources, conceptualize plans and workable solutions for dealing with an array of issues.
- Excellent ability to think and act both strategically and tactically; ability to look at the big picture and search for insightful, creative solutions and to be flexible in approach to meet challenges in an innovative and pragmatic way.
- Ability to work cross-functionally and collaboratively with others; mobilize and motivate teams, build and maintain collaborative relationships with various levels within the University and with external partners and donors on a national and international scale.
- Ability to negotiate complex contracts and propose unique models of partnership based on shared understanding of competing goals and priorities.
- Ability to create contingency plans, anticipate potential challenges, and identify and implement mitigation strategies.
- Superior interpersonal, time management and project management skills.

Important Considerations

- The successful candidate will be declared a Nuclear Energy Worker and will be required to frequently access the University's nuclear facilities including for tours and outreach activities.

- This position requires extensive travel.

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+.

Apply Online

To apply, visit **https://hr.mcmaster.ca/careers/current-opportunities** and search for staff posting #50870.