

Bruce Power Chair for Sustainable Energy Solutions

PURPOSE

The Bruce Power Chair will lead further progress of MIRARCO's Sustainable Energy Systems (SES) Research Centre, ensuring through collaboration with government, industry and research partners that innovative solutions to mining's issues concerning energy continue to be developed.

The successful candidate will have built a distinguished professional or research career in a complementary field of expertise relevant to the future development of MIRARCO and also be well networked with the energy sector or related industries. The candidate must also have solid experience in team and project management, supervision of undergraduate students, Masters students, PhD candidates, and Post Doctorate Fellows. Imperative to the position is a sound understanding of academic and industrial research and its commercialization. The Chair must also possess a sound entrepreneurial ability, have successfully developed and implemented business plans within a professional engineering or science setting and be willing to undertake occasional travel in North America.

KEY RESPONSIBILITIES

Leadership

- Directs MIRARCO's energy centre, including wind, solar, floating voltaics, and small modular reactors
- Stimulates and supports excellence in research and innovation, overseeing the development of strategic, tactical and implementation plans
- Ensures that the financial interests and sustainability of the SES Centre are maintained
- Responsible for the recruitment, retention, development and appraisal of centre staff
- Positions the Corporation strategically in a competitive marketplace for funding and research opportunities
- Solidifies MIRARCO's leadership in sustainable energy solutions
- Builds strong ties and develops sound strategies to enhance revenues
- Establishes and maintains productive relationships with collaborators
- Capitalizes on connections among people, ideas and opportunities
- Will act as a liaison between Bruce Power and the academic community for research activities of interest to Bruce Power

Research

- Provides a mechanism to develop Highly Qualified Persons (HQP) in nuclear power applied to the mining industry
- Develops an authoritative body of knowledge to support a safe sustainable nuclear industry in support of the mining industry, with a focus on nuclear modular reactors
- Upholds the most stringent standards and expectations for research excellence and integrity
- Maintains a high profile in the energy, mining/mineral and related communities
- Enriches possible collaborative partnerships with other universities, government and industry

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REPORTING RELATIONSHIPS

Reports to:

- Reports directly to the President/CEO
- Work is assigned in terms of Centre objectives and policies and is subject to periodic review for effectiveness and attainment of same
- Regular communication with the President on key issues or significant developments

Relates to: (Internal)

- MIRARCO management team (Directors of 5 research centres)

Relates to: (External)

- Industry leaders
- Government officials
- Officials from Laurentian and other universities, nationally and internationally

QUALIFICATIONS

General

The successful candidate will bring innovative research and/or industry leadership experience in the sustainable energy solutions or related field, particularly with small modular reactors. Experience in mining not necessary, but is considered an asset. High credibility within industry, project/team administration experience, presence and excellent interpersonal and communication skills to champion innovative approaches are required. Proven ability to encourage innovation and collaboration are essential.

SPECIFIC REQUIREMENTS

Education

- PhD in a field complementary to the future development of MIRARCO's Sustainable Energy Solutions would be an asset.

Experience

- An established, successful academic and/or industrial career with demonstrated excellence in leadership and research
- NSERC eligibility an asset
- Leadership of a team, using an appropriate balance of decisiveness and collegiality while delegating important management assignments effectively
- Experience articulating and pursuing a vision through successful implementation
- Experience leading change within a complex environment
- Experienced in governance matters and able to work with the Board and other committees in developing a relationship that is clear, accountable and positive
- Experience developing networks; locally, provincially, nationally and internationally
- Experience relating to and influencing top officials in industry, academia and government

- Knowledgeable about and experience with attracting external funding through grants, contracts, donations and in developing the revenues of an organization
- Track record of recruiting, developing and retaining top talent
- Has handled an array of difficult situations with integrity and courage

Interpersonal Skills

- Able to work effectively with others to build a clear sense of direction and to achieve results; demonstrated ability to develop the rapport necessary to maintain and strengthen partnerships within and outside of MIRARCO
- Able to operate in a collegial environment and to delegate responsibility when appropriate
- Able to foster respect, integrity, and self-awareness in interpersonal relationships, while demonstrating personal resiliency and wellness
- Effective negotiation skills
- Approachable, a relationship builder; able to lead and develop a cohesive effective team
- Excellent listening, oral, and written communication skills; conveys information and ideas to individuals in an engaging and persuasive manner
- Persuasive in dealing with diverse constituents, both internally and externally; creative in building a sense of common purpose that transcends individual interests
- Tolerance for ambiguity
- Personal manner that is welcoming and conducive to cooperative interaction

Personal Qualities

- High level of integrity, intelligence, self-knowledge, and courage
- Visionary, innovative
- Able to assess a difficult situation and formulate decisions in a timely manner based upon a mixture of analysis, consultation, experience and judgment; able to resolve conflict and problems, while creating a positive work environment and advancing the interests of SES, MIRARCO, the University and its various partners
- Pro-active in seeking new challenges and opportunities
- High energy level and a sense of the many possibilities presented by this position

Salary commensurate with qualifications and experience.

MIRARCO and Laurentian University are committed to employment equity and welcome diversity in the workplace. We encourage applications from all qualified individuals, however, Canadians and permanent residents will be given priority.

Applications and requests for further information may be submitted, in confidence, to:

Vic Pakalnis
President & CEO
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