

Developing Leaders in Energy





Nova Scotia's Energy

If you're interested in petroleum-related research, we can help you

Nova Scotia is developing a world-class energy sector.

Offshore gas discoveries and exciting prospects for onshore gas and excellent professional and technical education and training programs ... they all come together here in Nova Scotia and mean great prospects for innovative research and the growth of new ideas

The Pengrowth-Nova Scotia Petroleum Innovation Grant can help you achieve your research goals in your post-graduate work.

This grant is designed to support researchers investigating areas of importance to Nova Scotia's growing energy sector. They will be available to Nova Scotians who are preparing to begin studies in a Master's level program in earth sciences, business or engineering at a Nova Scotia university.

Up to four non-renewable \$15,000.00 awards will be available each year.

Priority areas of research

Priority areas

Industry in the Atlantic Provinces has identified priority areas of interest for research; and the Pengrowth-Nova Scotia Petroleum Innovation Grant will be awarded in these areas:

- Marginal field development
- Gas development and transportation
- Deep water development
- Asset integrity
- Offshore safety
- Environment
- Flow assurance
- Offshore pipeline technology and protection
- Subsea production system protection and technology
- Understanding of metocean environment
- Reservoir engineering and management

Research proposals in other areas (e.g. law, environmental studies) may be considered on a case-by-case basis.

Eligibility requirements

In addition to meeting high standards of academic achievement, recipients of Pengrowth-Nova Scotia Petroleum Innovation Grants will be well-rounded individuals with a variety of interests who have an established track record of community involvement through activities like volunteer work, sports and other community-based activities.

Applicants must demonstrate their capability to engage in focused research through:

- academic standing in their undergraduate program
- formal acceptance to graduate studies and
- approval by an academic supervisor to undertake a research project under the topics outlined.

Applicants must be undertaking research directly related to one of the prescribed research focus areas and will be required to submit an outline of how the research meets this criterion. The outcomes of the research must have clearly defined economic components.

An applicant for the Pengrowth-Nova Scotia Energy Innovation Grant must be a Canadian citizen or landed immigrant and a permanent resident of Nova Scotia.

How to apply for a research grant

Students of Nova Scotia universities intending to begin a Master's level graduate degree program in approved fields may apply for this award. The application should be completed in consultation with, and approval of a graduate supervisor under whose direct guidance the student will undertake the proposed research.

Applicants must provide a copy of their CV, a one to two page summary of their proposed research outlining its direct applicability to Nova Scotia's petroleum sector, and what specific problem it seeks to address that would add significantly to:

- the body of knowledge surrounding Nova Scotia's petroleum resource potential,
- improving the economic viability of discovering or producing from hydrocarbon pools on the Scotian shelf or slope, and/or
- practical, innovative technologies or approaches that could be shown to reduce the technical and business risk to companies interested in exploring for and/or producing oil or gas from Nova Scotia's offshore.

Applicants must provide supporting information covering their supervisor's expertise in the area of study. Additional industry support and/or collaboration on the proposed research are considered an asset.

A review panel consisting of representatives of the Nova Scotia Department of Energy and Pengrowth will review applications and announce grant recipients.

Grants will be awarded according to the applicant's undergraduate academic standing, and practical relevance of the project to Nova Scotia's upstream petroleum industry. Priority will be given to students who have graduated from Nova Scotia's public school system and have completed undergraduate degrees in Nova Scotia universities.

The awards committee will reserve the right to not make an award if there are no project proposals matching the scope of this award.



To find out more

On the Internet:

Nova Scotia Department of Energy:
www.gov.ns.ca/energy/

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