

Recognizing interdisciplinary research excellence

In tribute to the pursuit of excellence in research that the late Dr. Bertram N. Brockhouse exemplified and inspired, NSERC is proud to offer an interdisciplinary research prize in his name.

Dr. Brockhouse, a Canadian scientist, was the co-recipient of the 1994 Nobel Prize in Physics for, according to the Nobel Prize committee, his "pioneering development of neutron scattering techniques for studies of condensed matter" and for his "development of neutron spectroscopy." His research revolutionized scientists' ability to chart atomic dynamics. Throughout his career, Dr. Brockhouse's passion for his work inspired young researchers to accept the challenges of neutron inelastic scattering and to improve on its methodologies.

The Brockhouse Canada Prize for Interdisciplinary Research in Science and Engineering recognizes Canadian teams of researchers from different disciplines who have combined their expertise to produce achievements of exceptional international significance in the natural sciences and engineering in the last six years.

Rewarding excellence with a \$250,000 team research grant

The Brockhouse Canada Prize advances Dr. Brockhouse's vision of interdisciplinary teamwork and collaboration in Canadian research and celebrates excellence of the kind exemplified by Dr. Brockhouse in his own career. The prize, accompanied by a team research grant of \$250,000, reflects NSERC's commitment to supporting Canadian research through strategic investments in people, discovery and innovation.

Eligibility

Research teams nominated for the Brockhouse Canada Prize must have at least two members who are independent researchers, one of whom must hold an NSERC grant. The team must still be working together at the time of the nomination. The team can be part of an international effort but the majority of the nominated team members must be employed by a Canadian university, or a public or private organization. NSERC recognizes that teams may change between the time of the specific research achievements and the time of nomination. Nominations in which such changes have occurred will be accepted as long as the core of the team is still intact. Contributions must be primarily in the natural sciences and engineering.

The prize

One Brockhouse Canada Prize will be awarded each year, accompanied by a team research grant of \$250,000. The grant money will be used for university-based research and will support the direct costs of research and/or the enhancement of research facilities. The grant may be distributed in one or more installments (up to five), depending on the needs of the recipients.

Nominations

Any Canadian citizen may nominate a research team for the Brockhouse Canada Prize. Self nominations and nominations of current NSERC Council members will not be accepted. Nominations must include a description of the team's achievements in one or more of the following areas: contributions to knowledge; use of existing knowledge to develop novel solutions to practical problems; leadership in the transfer of knowledge; and other relevant contributions. Nominations must also thoroughly discuss the significance, novelty and impact of the achievements for which the team is being nominated; the interdisciplinary and collaborative nature of the team's achievements; and the quality and extent of the team's contributions to the training of Canada's next generation of engineers and scientists.

Selection process

A selection committee of distinguished representatives from the university, government and corporate research communities will review nominations received and recommend the Brockhouse Canada Prize winner to the President of NSERC.

NSERC's role in supporting Canadian research

NSERC's role is to make investments in people, discovery and innovation for the benefit of all Canadians. We invest in people by supporting some 23,000 university students and postdoctoral fellows in their advanced studies. We promote discovery by funding more than 11,000 university professors every year. And we help make innovation happen by encouraging about 1,300 Canadian companies to invest in university research and training. Over the last 10 years, NSERC has invested more than \$6 billion in basic research, university-industry projects, and the training of Canada's next generation of scientists and engineers.

For more information, or to submit a nomination, contact:

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