

RESEARCH EXCELLENCE

INFORMATICS



CORE

CIRCLE OF RESEARCH EXCELLENCE

wireless
intelligent
information systems
software systems
cryptography
geomatics
high performance computing
broadband networks
nanocomputing
large database systems
bioinformatics
human and
computer interfaces
quantum computing

iCORE

iCORE is a Government of Alberta initiative, launched in October 1999, to develop and support excellent university-based research teams around fundamental and applied problems in information and communications technology.

To meet its mandate, iCORE offers funding for chairs and other senior iCORE research positions at Alberta's universities. World-class research teams are developed around these positions through the funding of professors, research fellows, postdoctoral fellows and graduate students.

iCORE is part of a larger Government of Alberta initiative to develop a strong ICT sector in Alberta.

Alberta

Alberta is home to innovative corporations in both the public and private sectors, including the headquarters of major North American information and communications technology organizations.

Alberta's competitive economy holds many advantages for its residents, including one of the highest – and yet most affordable – standards of living in North America, low taxes, low unemployment, a high education rate, and the highest degree of Internet connectivity in Canada.

iCORE offers grant programs
to support the development
of world-class research teams

Application Procedures

Application procedures are unique to each grant program. For details, visit www.icore.ca

iCORE

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CHAIR AND PROFESSORSHIP ESTABLISHMENT GRANTS

Through the Chair and Professorship Establishment (CPE) Grants, iCORE brings outstanding information science and engineering researchers from around the world to Alberta. The CPE Grants fund the salary of an iCORE chair or professor and the salaries of associate research team members, including professors, research fellows, postdoctoral fellows, and graduate students, and may also cover operating and equipment costs. CPE Grants range from \$200,000 to \$1,000,000 per year for five years.

INDUSTRIAL CHAIR ESTABLISHMENT GRANTS

Industrial Chair Establishment (ICE) Grants fund outstanding researchers who have world-class research records that demonstrate industrial relevance and contribution. iCORE joins with industry and NSERC (Natural Sciences and Engineering Research Council of Canada) to create chairs and associated research teams in collaboration with Alberta universities. Industry funding is required, and in most cases NSERC Industrial Research Chair (IRC) contributes as well. The iCORE grants are available for two to five years. iCORE and NSERC match industry funding.

VISITING PROFESSOR GRANTS

The iCORE Visiting Professor (VP) program is designed to promote research innovation and global collaboration by bringing leading researchers to Alberta. Funding is available to bring world-class researchers working in iCORE's target areas to Alberta universities for periods from six months to two years.

GRADUATE STUDENT SCHOLARSHIPS

Designed to increase the number of high-quality graduate students working in informatics in Alberta, this program offers an iCORE award to all new computer science and electrical and computer engineering students who hold an NSERC Post-Graduate Scholarship (PGS-A or PGS-B) or equivalent and choose to attend an Alberta university.

RECRUITING GRANTS

Funds to support recruiting efforts are available through ICT Strategy, Planning, and Recruiting (ISPR) Grants, which are up to \$10,000 each. These are available to Alberta-based university and institute researchers to fund travel, accommodation, and other costs associated with recruiting or developing a proposal for an iCORE CPE, ICE or VP Grant.