

Senate Research Report

May 22, 2012

Awards and Honours

The Engineering Institute of Canada : Sir John Kennedy Medal
Dr. R. Kerry Rowe (Civil Engineering) won the Sir John Kennedy Medal. The institute's highest honour is awarded on a biennial basis in recognition of outstanding service to the profession or for noteworthy contributions to the science of engineering or to the benefit of the Institute. The medal will be presented on June 7th in Edmonton.

Research Funding

External Awards :

AUTO21 Research Award

Dr. Gabriel Ciccarelli (Mechanical & Materials Engineering) received \$26,000 for the project, Performance and Emissions Gains in Diesel Engines with Low Concentrations of Added Hydrogen.

Canadian Institutes of Health Research (CIHR)
Operating Grant

Ministry of Economic Development and Innovation:
Ontario Research Fund – Research Infrastructure

- Dr. Joshua Marshall (Robert M. Buchan Department of Mining) received \$150,000 for the project, Cooperative Mining Machines Research ~~Test~~
- Drs. Susan Cole (Pathology & Molecular Medicine), Thomas Massey (Biomedical & Molecular Sciences) and Richard Oleschuk (Chemistry), received \$400,000 for the project,

Other News

President of SSHRC visits Queen's

On April 17, 2012, Dr. Chad Gaffield, President of the Social Sciences and Humanities Research Council of Canada (SSHRC), visited Queen's University. After spending the day with researchers and students, he engaged in a Public Dialogue at the Ban Righ Fireside Room to a full crowd. Dr. Gaffield discussed the increasing public recognition of the value of the social sciences and humanities.

HPCVL Participates in Creating an Extensive Brain Research Database

The High Performance Computing Virtual Laboratory (HPCVL) at Queen's is helping to develop the world's largest brain database by managing data for the Ontario Brain Institute's "Brain-CODE" (Centre for Ontario Data Exploration). HPCVL is consolidating Brain-CODE data from many neurological databases into one platform to help neuroscientists, both in Ontario and worldwide, develop strategies for prevention, early diagnosis and treatment of brain diseases and disorders.

Announced April 5, 2012

Southern Ontario Smart Computing and Innovation Platform (SOSCIP)

Queen's is partnering with IBM Canada and six other universities to form the IBM Canada Research and Development Centre bringing researchers from across Ontario together to collaborate in areas including healthcare, urban challenges, water conservation and energy monitoring. The new centre uses cloud computing for storing data on remote servers. The project is being led by the University of Toronto and Western University and includes partners McMaster University, University of Ottawa, the University of Ontario Institute of Technology and the University of Waterloo.

Announced April 10, 2012