

Senate Research Report ***November 25, 2010***

Awards and Honours

Nature Award for Mentoring in Science

The 2010 Nature Award for Mentoring in Science has been presented to renowned biologist Dr. John Smol for his outstanding commitment and dedication to mentoring students. The award and its \$10,000 prize was presented at the Canadian Association for Graduate Studies annual meeting in Toronto on November 5.

Publicly announced November 5, 2010

Research Infosource Inc. Rankings November 2010

Queen's University improved its ranking for Sponsored Research Income from 12th place in 2008 to 11th place in 2009. 2009 Sponsored Research income totaled \$178,180,000. Queen's University ranked 7th overall in Research Intensity with \$218,400 per full-time faculty. For more information please see the Research Infosource Inc. website at <http://www.researchinfosource.com/top50.shtml>.

Research Funding

Canadian Institutes of Health Research (CIHR)

New Emerging Team Grant

- Dr. Beatriz Alvarado (Community Health and Epidemiology), Dr. Angeles Garcia (School of Medicine – Geriatrics) and Dr. Susan Phillips (Family Medicine, Community Health and Epidemiology) from Queen's University are co-Principal Investigators along with Dr. Maria-Victoria Zunzunegui and Dr. Ellen Freeman both from the Centre

Hospitalier de Universite de Montreal (CHUM – Institution Paid). They received \$1,500,000 over six years for their project entitled *“Gender differences in mobility: what we can learn about improving mobility in old age”*.

Natural Sciences and Engineering Research Council of Canada (NSERC) Collaborative Research and Development Grant

- Dr. Kurt Kyser (Geological Sciences and Geological Engineering, School of Environmental Studies) received \$108,000 over three years for his project entitled *“Uranium in alkaline complexes”*.

Natural Sciences and Engineering Research Council of Canada (NSERC) Idea to Innovation

- Dr. Hans -Peter Loock (Chemistry) received \$114,000 for his project entitled *“Functionalized microphotonic devices for contaminant sensing”*.

Natural Sciences and Engineering Research Council of Canada (NSERC) Strategic Projects

- Dr. John Cartledge (Electrical and Computer Engineering) received \$434,385 over three years for his project entitled *“Digital signal processing for fiber-optic communications”*.
- Dr. Cathleen Crudden (Chemistry) received \$472,200 over three years for her project entitled *“Metal-free methods for the reduction of organic compounds”*.
- Dr. Neil Hoult (Civil Engineering) received \$532,850 over three years for his project entitled *“Protecting Canada’s concrete bridges”*.
- Dr. Mohamed Ibnkahla (Electrical and Computer Engineering) received \$504,650 over three years for his project entitled *“Enabling cognition in wireless sensor networks”*.
- Dr. Bernard Kueper (Civil Engineering) received \$402,300 over three years for his project entitled *“Gas-enhanced in situ thermal treatment for rapid site remediation”*.
- Dr. Kevin Robbie (Physics) received \$476,969 over three years for his project entitled *“Developing cost-effective manufacturing processes for nano-engineered coatings”*.

Ontario Ministry of Education

- Dr. Don Klinger (Faculty of Education) received \$97,255 for his project entitled “*An Evaluation of the state, changes, and impact of the Literacy and Numeracy Secretariat School Effectiveness Framework Initiative*”.

Public Health Agency of Canada

- Dr. Richard Birtwhistle (Centre for Studies in Primary Care, Family Medicine) received \$2,970,200 over five years as a portion of the total \$11.7 million awarded to the project entitled “*Canadian Primary Care Sentinel Surveillance Network (CPCSSN)*”. The project will improve the primary care management of Canadians battling obstructive pulmonary disease, depression, diabetes, high blood pressure and osteoarthritis.