

Senate Research Report

November 26, 2009

Awards and Honours

Professor Udo Schuklenk (Philosophy) has been selected by the Royal Society of Canada to head a prestigious new international panel on “End of Life Decision Making” in Canada, which could make a significant contribution to the public policy debate on this issue.

Announced October 27, 2009

Research

NSERC Collaborative Research and Development Grants

- Dr. Chandrakant Tayade (Anatomy and Cell Biology) received \$140,000 over two years for *Studies of the optimization of immune promoted litter size enhancement in commercial swine*.

Ontario Centres of Excellence (OCE)

OCE Interact Awards

- Dr. Thomas Harris (Chemical Engineering) received \$15,560 for *Automation and Monitoring of AI Rolling Lines*.
- Dr. Brian Surgenor (Mechanical and Materials Engineering) received \$13,500 for *Novel Rapid Inspection and O Ring Handling for Continuous Motion Machines*.

Canadian Breast Cancer Foundation

Eight research projects and fellowships at Queen's recently received \$1,972,329 in funding from the Canadian Breast Cancer Foundation. The projects are improving knowledge about prevention, enhancing screening for earlier detection, improving breast cancer diagnosis, prognosis and treatment, and developing interventions to improve patient quality of life.

- Dr. Christopher Mueller (Biochemistry) \$753,385 for 2 projects over 3 years:
 - *Stress and Breast Cancer*, \$366,691 over 3 years
 - *BRCA1 and Cancer Stem Cell Biology*, \$386,694 over 3 years

Ontario Research Fund – Research Infrastructure Small Infrastructure Fund (SIF):

- Dr. Gunnar Blohm (Physiology, Centre for Neuroscience Studies), *Dynamics of sensorimotor computations for perception and action: modeling and experiments*, \$200,000
- Dr. Lauren Flynn (Chemical Engineering), *Tissue Engineering with Adipose derived Stem Cells*, \$100,000
- Dr. John Peacey (Mining Engineering), *New*

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- Dr. William Nelson (Biology), *Laboratory and Field Equipment to Study Eco Evolutionary Feedbacks in Coupled Ecological Systems*, \$131,200
 - Dr. John Cartledge (Electrical and Computer Engineering), *Signal Processing for Fiber Optic Communications*, \$181,711
- Publicly announced November 13, 2009*

Ontario Research Fund – Research Infrastructure Large Infrastructure Fund (LIF):

- Dr. David Pichora (Surgery), *Integrated Technologies for Bone and Joint Health: Multi centre Infrastructure Development Programme Phase 4*, \$696,481
- Dr. Kurt Kyser (Geological Sciences), Leading Edge Fund, *Effects of the Geosphere Biosphere Interface on Element Migration in the Near Surface Environment*, \$1,996,087
- Dr. Ian McWalter (CMC), Leading Edge Fund, *emSYSCAN* ~~Multi~~ ~~Official~~ ~~TJ0Tc208T~~ ~~d023Tf00009Tc4420T~~