

## ***Senate Research Report***

***January 28, 2010***

### *Awards and Honours*

#### **Canadian Institute for Advanced Research (CIFAR)**

Dr. Nikolaus Troje, Department of Psychology, received a \$25,000 fellowship in financial support of his work with the Neural Computation & Adaptive Perception Program.

### *Research Funding*

#### **Natural Sciences and Engineering Research Council of Canada (NSERC)**

##### **Collaborative Research and Development Grants**

- Dr. D. Beauchemin (Chemistry) received \$89,725 over two years for her project entitled *“Development of sensitive analytical methods to quantify and identify aqueous and gaseous compounds”*.
- Dr. P. Champagne (Civil Engineering) received \$191,378 over three years for her project entitled *“An Integrated Hybrid Passive Landfill Leachate Treatment System to Preserve Fish Habitat – Cold Temperature & Pilot-Scale Study”*.
- Dr. B.J. Diak (Mechanical and Materials Engineering) received \$57,110 over two years for his project entitled *“The role of interface region on texture development in clad aluminum sheet products”*.

##### **Idea to Innovation**

- Dr. Hans-Peter Look (Chemistry) received \$116,000 over two years for his project entitled *“Fiber optic absorption detector for micro-chemical analysis.”*

##### **Discovery Grants Program – Accelerator Supplements**

- Dr. Geoffrey Lockwood (Physics) received \$120,000 over three years for his project entitled *“A hybrid piezoelectric/silicon array for ultrasound intravascular/intracardiac imaging”*.

## **Ontario Centres of Excellence (OCE)**

### **Connection Program Grants**

- Dr. David Mody (Chemical Engineering), \$75,000
- Dr. Kent Novakowski (Civil Engineering), \$13,000
- Dr. Rick Sellens (Mechanical and Materials Engineering), \$37,000
- Dr. David Strong (Integrated Learning Centre), \$52,900

## **Canadian Institutes of Health Research (CIHR)**

### **New Operating Grant**

- Dr. Margaret B. Harrison (School of Nursing) received \$1,000,000 over 5 years for her project entitled *"Queen's Joanna Briggs Collaboration (QJBC): Evidence for Safety Practices in Nursing and Health Care"*.
- Dr. Bruce Elliott (Pathology and Molecular Medicine) received \$5,000 for his project entitled *"Synapse Mentorship Award"*.
- Dr. Daren Heyland (General Internal Medicine) received \$3,000 from the Café Scientifique Program to discuss *"How do you want to die? Exploring the issues, resources and choices for our aging population (end of life care)"*.
- Dr. Ian Janssen (Kinesiology and Health Studies) and Dr. William Pickett (Community Health and Epidemiology) received \$261,707 over three years for their project entitled *"Built environments as a determinant of obesity in young Canadians"*.

### **Networks of Centres of Excellence**

- Dr. Wendy Craig (Psychology) received \$400,000 as an additional year of funding for her project entitled *"Promoting Relationships and Eliminating Violence network: A year extension"*.

### **NCE Geomatics for Informed Decisions (GEOIDE)**

- Dr. Paul Treitz (Geography) received \$160,000 over two years for his project entitled *"Precision Planning Inventory Tools for Forest Value Enhancement"*.

## Canada Foundation for Innovation

### Leaders Opportunity Fund (LOF)

- Dr. Shetuan Zhang (Physiology), "*Control of Cell Surface Channel Density by Potassium as a Novel Mechanism for hERG Regulation*" - \$200,000
- Dr. Meredith Chivers (Psychology), "*Gender Differences in Sexuality*" - \$91,572
- Dr. Albert Jin's (Medicine), "*Targeting Ischemic Depolarization in Acute Stroke*" - \$142,000
- Dr. John Smol's (Biology), "*Paleolimnological Approaches to Environmental Issues*" - \$50,000
- Dr. Ryan Danby's (Geography), "*Forest-Tundra Dynamics in a Changing Climate*" - \$104,000
- Dr. Philippe Di Stefano's (Physics), "*Cryogenic Detectors for Dark Matter and Brittle Fracture*" - \$185,102
- Dr. DongMei Chen (Geography) "*Establishing a Queen's GeoComputation and Analysis Laboratory (GCAL) for Population Health and Disease Modeling*" - \$100,882

*Publicly announced December 16, 2009*