

***Senate Research Report***  
***September 25, 2008***

*Awards and Honours*

- Dr. Susan Cole (Pharmacology and Toxicology) was selected as the recipient of the 2008 Pfizer Senior



## Research Funding Awarded

### **CFI Leaders Opportunity Fund (for Canada Research Chairs):**

- Dr. Paul Grogan (Biology), *The ecology of arctic ecosystems and their sensitivity to climate change*, \$50,000

*Publicly announced June 10, 2008*

### **Canada Research Chairs:**

- Dr. Paul Grogan (Biology) – *Tier 2 Renewal* Canada Research Chair in Climate Change and Northern Ecosystems, \$100,000/year for 5 years
- Dr. Laura Cameron (Geography) *Tier 2 Renewal* Canada Research Chair in Historical Geographies of Nature, \$100,000/year for 5 years
- Dr. Michael Dorris (Physiology) *Tier 2 Renewal* Canada Research Chair in Neural Control of Decision Making, \$100,000/year for 5 years
- Dr. Amir Fam (Civil Engineering) *Tier 2 Renewal* Canada Research Chair in Innovative and Retrofitted Structures, \$100,000/year for 5 years
- Dr. Praveen Jain (Electrical and Computer Engineering) *Tier 1 Renewal* Canada Research Chair in Power Electronics, \$200,000/year for 7 years
- Dr. Philip Jessop (Chemistry) *Tier 2 Renewal* Canada Research Chair in Green Chemistry, \$100,000/year for 5 years
- Dr. Ian Moore (Civil Engineering) *Tier 1 Renewal* Canada Research Chair in Infrastructure Engineering, \$200,000/year for 7 years
- Dr. Nikolaus Troje (Psychology) *Tier 2 Renewal* Canada Research Chair in Vision and Behavioural Science, \$100,000/year for 5 years

*Publicly announced June 10, 2008*

---

This research report is meant to be an illustration of research activity at Queen's University and is based on information provided to the Office of the Vice Principal (Research) by the Faculties.

### **CIHR Operating Grants:**

39 applications submitted and 3 were successful with a 4<sup>th</sup> being awarded a one year grant for a 10% success rate. Total funding was \$ 2,481,606.

- Dr. Anne Croy (Anatomy and Cell Biology) has received \$770,357 over 5 years for her work entitled, *Evaluation of natural killer cell contributions to the known, elevated risks for maternal and fetal pathologies in diabetic pregnancy.*
- Dr. Ian Janssen (Community Health and Epidemiology) has received \$91,166 for one year for his work entitled, *Obesity and unintentional injury in Canadian populations.*
- Dr. Zongchao Jia (Biochemistry) has received \$802,825 over 5 years for his work entitled, *EF hand proteins and calcium mediated modulation.*
- Dr. Tom Massey (Pharmacology and Toxicology) has received \$817,258 over 5 years for his work entitled, *Biotransformation and molecular toxicity of pulmonary carcinogens.*

### **CIHR Meetings, Planning and Dissemination Grant:**

- Dr. Margaret Harrison, School of Health, Behavior and Society (SHBS), 153.5 The 231 Tj/TT01 Tf6.10.0006 Tc(School) Tj/C211 Tf03 led,

- Dr.

QF770F10231369C00F922450R4.64503/C270R.40Tc277C3300Tc0.64503/C2022gHjT529C

comprised of a \$1,000,000 contribution from NSERC with the balance of the support coming from OCE, Industry and Queen's University.

- Dr. W. Take (Civil Engineering) is the Principal Investigator on a successful NSERC Major Resources Support Program (MRS) award. This 3 year award of \$245,700 supports the *St. John's Centrifuge Modeling Facility*.
- Drs. Stephen Hughes and James Stotz (Physics, Engineering Physics, and Astronomy) have won a major NSERC NRC BDC Nanotechnology Special Opportunity Research Grant that will give them almost \$4.2M for a new project to develop novel sources of light that will radically change the landscape in secure communications over networks.

### **NSERC University Student Research Awards**

- Queen's University received approximately \$715,000 in support of 159 undergraduate students. Students meeting the program requirements receive \$4,500 each from NSERC plus a 25% top up from their supervisor over the course of 16 weeks. These awards allow students to gain experience working with their supervisors in a laboratory setting or to do field work.

### **Network of**