

## ***Senate Research Report October 22, 2009***

### ***Awards and Honours***

#### **Fulbright Scholar Award**

Dr. Johnsrude, Canada Research Chair in Cognitive Neuroscience, has been awarded a traditional Fulbright scholar award. The Fulbright program is an educational movement based on the principle of scholarly exchange between the United States and various countries from around the world.

*September 15, 2009*

### ***Research Funding***

PARTEQ Innovations has received \$13.6M from the province of Ontario in support of GreenCentre Canada – a national Centre of Excellence following a new commercialization model that transforms Green Chemistry discoveries into real-world products and industrial technologies for reducing harm to the environment. The work of the Centre is seen as reflecting the objectives of Ontario's Ministry of Research and Innovation and the Ontario government's Toxic Reductions Strategy.

*Public announcement September 18, 2009*

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

#### **NSERC - Research In Motion Industrial Research Chair in Software Engineering for Ultra-Large-Scale Systems**

- Dr. Ahmed Hassan (School of Computing) has been named an Industrial Research Chair. Over five years, the funding is \$1.04M cash from NSERC, \$1.04M cash from RIM, and \$462,073 from Queen's. RIM is also adding \$1.6M of in-kind contributions and Queen's is adding \$125,000 of in-kind. Total value of the chair: \$4.27M over five years. The IRC chair will support Dr. Hassan's investigation and design of software tools that allow him to diagnose and optimize the stability and robustness of ultra-large-scale (ULS) software systems. The chair will also support 19 masters, doctoral and post-doctoral researchers at Dr. Hassan's campus lab facilities.

*Public announcement September 30, 2009*

### **NSERC Collaborative Research and Development Grant:**

- Dr. Boyd Davis (Mining Engineering), received \$96,000 over two years for his project *Application of molten salt hydrates to laterite upgrading*. This project also received industry matches of a \$48,000 in-cash donation and a \$61,800 in-kind donation.
- Dr. Ying Zou (Electrical and Computer Engineering) received \$441,240 over 3 years for her project *Improving the Perceived Quality of Mobile Software*. This project also received industry matches of a \$300,000 in-cash donation and a \$316,800 in-kind donation.

### **NSERC Discovery Grants Program:**

- Dr. David Rappaport (School of Computing), received \$25,000 for his project *Computational geometry and data analysis*.
- Dr. David Zechel (Chemistry), received \$25,000 for his project *Molecular analysis of microbial enzymes with biodegradative and biosynthetic potential*.

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

- Dr. Ian Gilron (Anesthesiology), received a **Randomized Controlled Trial Grant** in the amount of \$416,885 for his project *Combination pharmacotherapy for the management of pain*
- Dr. Sanjay Sharma (Ophthalmology), received a **Meetings, Planning and Dissemination Grant: Knowledge Translation Supplement Grant** in the amount of \$39,700 for his project *Video Online KT – If I had Macular Degeneration*.

### **Canada Research Chairs (CRC):**

- Dr. John McGarry (Political Studies) – *Tier 1 Renewal* – CRC in Nationalism and Democracy (\$200,000 a year for 7 years)
- Dr. Ingrid Johnsrude (Psychology) – *Tier 2 Renewal* – CRC in Cognitive Neuroscience (\$100,000 a year for 5 years)
- Dr. Mark Daymond (Mechanical and Materials Engineering) – *Tier 2 Renewal* – CRC in Nuclear Materials and Mechanics of Materials (\$100,000 a year for 5 years)
- Dr. Stephen Waldman (Mechanical and Materials Engineering/Chemical Engineering) – *Tier 2 Renewal* – CRC in Engineering of Human Joints (\$100,000 a year for 5 years)
- Dr. Patti Groome (Community Health and Epidemiology) – *Tier 2 Renewal* – CRC in Cancer Care Evaluation (\$100,000 a year for 5 years)
- David Murakami Wood (Sociology) – *Tier 2* – CRC in Surveillance Studies (\$100,000 a year for 5 years)

*Publicly announced September 23, 2009*

### **Canadian International Development Agency**

- Dr. John Meligrana (School of Urban and Regional Planning), received \$18,400 for his project *Study on the Reconstruction of Ancient Urban Area and the Protection of Hui Muslim Culture Heritage in Xi'an China*

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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.