

Research Funding

Natural Sciences and Engineering Research Council of Canada (NSERC)

NSERC Collaborative Research and Training Experience (CREATE) Program

The Human Mobility Research Centre (HMRC), a collaboration between Kingston General Hospital (KGH) and Queen's University, has received \$1.65 million over 6 years to give graduates in the bone and joint health technologies program a head start in their careers. Dr. Tim Bryant, professor of Mechanical and Materials Engineering and co director of HMRC, heads the new initiative, and works with other Queen's collaborators: Drs. Randy Ellis and Purang Abolmaesumi (School of Computing); Dr. Kevin Deluzio (Mechanical and Materials Engineering); Drs. Brian Amsden, Stephen Waldman, and Aris Docoslis (Chemical Engineering); Dr. Kim Woodhouse (Dean of Applied Science, Chemical Engineering); Dr. David Pichora (Orthopaedic Surgery); Dr. Tassos Anastassiades (Rheumatology, Biochemistry); Dr. Elsie Culham (School of Rehabilitation Therapy).

NSERC Discovery Accelerator Supplements (DAS) Program

The DAS program aims to provide substantial and timely additional resources to accelerate progress and maximize the impact of outstanding research programs. These supplements are valued at \$120,000 over three years.

- Dr. Geoffrey Lockwood (Physics), *A hybrid piezoelectric/silicon array for ultrasound intravascular/intracardiac imaging*
- Dr. Ian Moore (Civil Engineering), *Soil pipe interaction and the behaviour and design of urban pipe infrastructure*
- Dr. Kevin Munhall (Psychology), *Audiovisual speech perception*
- Dr. Martin Paré (Physiology), *Parietal cortex persistent activity and working memory capacity*
- Dr. Hagit Shatkey (School of Computing), *Translating data into knowledge: From biomedical sequences and text to disease prediction and prevention*

Publicly announced July 23, 2009

Social Sciences and Humanities Research Council of Canada (SSHRC)

SSHRC Standard Research Grants

- Dr. Kathleen Lahey (Law), *Women, Equality, and Fiscal Equality: Gender Analysis of Taxes, Benefits, and Budgets*, \$101, 537

SSHRC Community University Research Alliances (CURA)

- Dr. M.A. McColl (Centre for Health Services and Policy Research), *Disability policy alliance: learning collaborative and equity coalition*, \$1,000,000

SSHRC Research Development Initiative

- Dr. M. Hand (Sociology), *The social informatics of mobile learning*, \$31,995

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.

Dr. Lois Mulligan (Pathology and Molecular Medicine), director of the Queen's University Terry Fox Foundation Training Program in Transdisciplinary Cancer Research at CIHR, is the

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