Recent Research News

CFI Leaders Opportunity Fund Results

Robert McMahon, SFU’s BC Leadership Chair in Youth Violence, has obtained a $250,000 grant from the Canada Foundation for Innovation to develop a new Institute for the Reduction of Youth Violence at the Burnaby campus. The institute will address a gap in Canadian-based research on youth conduct disorders, enabling more effective interventions.

SSHRC Competition Results

Three of the SSHRC Partnership Grant applications that SFU submitted to the November 2012 competition were funded, including a joint application, for a 100% success rate. These partnerships will receive $2.5 million in support to mobilize research knowledge for academic and non-academic communities:

- The first is a seven-year partnership between SFU’s new First Nations Language Centre and 22 community-based First Nations groups, led by Marianne Ignace of Anthropology and First Nations Studies. The team of community language practitioners and researchers will work to preserve and revitalize Indigenous languages and cultures in BC and the Yukon.

- Judith Marcuse is an Adjunct Professor in the Faculty of Education, and a pioneer in the field of art for social change who founded the SFU/Judith Marcuse Projects’ International Centre for Art and Social Change. She will lead a team of ten artist-researchers in creating resources and providing education and leadership in this rapidly expanding field.

- John Calvert of Health Sciences is participating in another successful Partnership Grant proposal, led by McMaster University, to advocate for a work disability system that addresses contemporary labour-market realities.

At the first (Letter of Intent) stage of the Partnership Grant program for the 2013 competition year, two applications involving SFU were invited to submit full proposals, for a success rate of 33%:

- Shaping National Innovation Systems for Inclusive Growth in Latin America, an international collaboration involving researchers from six countries led by Jeremy Hall of the SFU Beedie School of Business.

- Landscapes of Injustice, an initiative led by the University of Victoria and including Andrea Geiger and Hilmar Pabel of SFU History and Chuck Eckman of the SFU Library as co-applicants. Through this partnership, SFU would link its digitization expertise with historic-legal studies to provide a comprehensive public digital resource on the Japanese-Canadian experience.
In addition, two SFU researchers have received a Partnership Development Grant to develop new partnerships that have the potential for scale-up:

- **Jodi Viljoen** from Psychology will bring together SFU experts to develop a toolkit and lead studies on its impact on re-offense reduction and resilience strategies for justice-involved adolescents.
- **Dongya Yang** of Archaeology will work to develop a partnership between SFU and two premier archaeology institutions in China to enhance both ancient DNA studies and human osteoarchaeology in Chinese archaeology.

**Insight Development Grants** support new approaches to research on complex and important topics. In the Feb 2013 SSHRC Insight Grant competition, SFU researchers were awarded eight grants out of 21 submitted, resulting in a success rate of 38% and total recommended funding of over $500,000. The national success rate information has not yet been released.

**NSERC Discovery Accelerator Results**
Two SFU researchers are among the 125 Canadians selected this year to receive the $120,000 NSERC Discovery Accelerator award, which supports novel and potentially transformative research programs:

- **Peter Unrau** of Molecular Biology and Biochemistry (MBB) will use his supplement to advance his research into RNA-based evolution.
- **Anoop Sarkar** of Computing Science will use the supplement to improve statistical machine translation for use with low-resource languages.

**Latest France-Canada Research Grant Results**
In a very unusual circumstance, two SFU researchers were selected to receive grants from the France-Canada Research Fund this year for collaborative projects with French researchers; generally, only a maximum of one per university is chosen. **Mark Brockman** of MBB will work with the University Pierre and Marie Curie on an HIV study, while **Andrew Blaber** of Biomedical Physiology and Kinesiology will work with the Inria Paris research centre on cardiac research.

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