

For immediate distribution

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Laurentian University celebrates public research awards

Sudbury (Ontario) – Earlier today, Laurentian University celebrated faculty and students who have obtained national public funding for research, and research instruments and equipment.

“Public research-funding competitions offer the most prestigious grants in Canada, and an increasing number of Laurentian faculty and students receive these coveted awards,” said Dr. Paul Colilli, associate vice-president, graduate studies and research. “We have all the reasons to celebrate our recent successes in research and are very proud of our researchers, who are among the top scientists in the country. They are contributing to the development of new discoveries that will have a lasting impact on the region, its economy and our reputation.”

Canadian Foundation for Innovation (CFI)

Leaders Opportunity Fund (LOF)

In 2008, the Canada Foundation for Innovation (CFI) funded four Laurentian research teams for the modernization of laboratories and/or equipment under the *Leaders Opportunity Fund* program. The CFI’s mandate is to strengthen the capacity of Canadian universities, colleges, research hospitals, and non-profit research institutions to carry out world-class research and technology development that benefits Canadians.

RECIPIENT	DEPT./SCHOOL	PROJECT TITLE
Dirszowksy, Randy	Geography	Field Assessment of Boreal Shield Sediment Budgets and Landscape Change
Jugo, Pedro	Earth Sciences	A Laboratory for Experimental Petrology and Ore Deposits Research at Laurentian University
Shepherd, Jeffrey	Chemistry	The Use of Atomic Force Microscopy and Scanning Tunneling Microscopy in the Development of Sensors that Incorporate Gold Nanoparticle Assemblies
Roy-Charland, Annie Dickinson, Joel Turcotte, Josée	Psychologie	Laboratoire de recherche en santé cognitive

SickKids Foundation

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Learning. It's in our Nature. Apprendre, naturellement.

SickKids Foundation, apart from government, is the largest granting agency in child health in Canada. Established in 1972, SickKids Foundation has granted over \$500 million to The Hospital for Sick Children and over \$60 million to researchers across the country. Through its National Grants Program, SickKids Foundation invests \$4 million annually across Canada in paediatric research, focusing on issues important to children's health which have not been addressed elsewhere.

RECIPIENT	DEPT./SCHOOL	PROJECT TITLE
Coholic, Diana	Social Work	Investigating the effectiveness of holistic arts-based group methods for the development of self-awareness, self-esteem and resilience in children with high needs

Sport Research Intelligence sportive (SIRC)

Canadian Sport Science Research Award

The SIRC Research Award recognizes outstanding sport research in Canada. Acknowledging how sport research benefits the Canadian sporting community is the primary purpose of this award.

RECIPIENT	DEPT./SCHOOL	PROJECT TITLE
Schinke, Robert	Human Kinetics	The Adaptation Challenges and Strategies of Adolescent Aboriginal Athletes Competing Off Reserve

Northern Ontario Heritage Fund Corporation

The Northern Ontario Heritage Fund Corporation invests in new ideas that take root in the North with six unique programs designed to foster job creation and strengthen the communities' economies. It supports new innovations in emerging technologies, provides career opportunities for northern youth, forges private and public sector partnerships and improves the infrastructure that is fundamental to prosperity.

RECIPIENT	DEPT./SCHOOL	PROJECT TITLE
Ulibarri, Gerardo	Chemistry	Control of Mosquito Population without the use of Pesticides

The Institute of Public Administration of Canada (IPAC)

IPAC's mission is to promote excellence in public service through research, publications, conferences, awards of excellence and knowledge networks.

RECIPIENT	DEPT./SCHOOL	PROJECT TITLE
Segsworth, Robert (lead by Charles Conteh, Lakehead University)	Economics	Economic Development Policy Implementation in Northern Ontario

Social Sciences and Humanities Research Council (SSHRC)

Standard Research Grants Program

Three Laurentian researchers have received SSHRC Standard Research Grants in 2009. The Standard Research Grants Program supports research and develops excellence in research activities in the social sciences and humanities, and fuels innovative thinking about real life issues.

RECIPIENT	DEPT./SCHOOL	PROJECT TITLE
Coholic, Diana	Social Work	Investigating the effectiveness of holistic arts-based group methods for the development of self-awareness, self-esteem and resilience in children with high needs
Colilli, Paul	Modern Languages	Marvelous signatures: Giambattista Della Porta's 1535-1615 writings on physiognomy
Paquette, Jonathan	Science politique	De l'intégrité écologique à la modernisation de l'administration des parcs provinciaux de l'Ontario : la place du travail identitaire dans la transformation des instruments et moyens de l'action publique

Strategic Research Grants

Strategic research grants support targeted research on pressing social, economic and cultural issues. SSHRC's Community-University Research Alliance (CURA) programs support projects jointly developed and undertaken by postsecondary institution-based researchers and organizations from the community. A Laurentian University professor has received CURA funding for such initiatives this year.

RECIPIENT	DEPT./SCHOOL	PROJECT TITLE
Kauppi, Carol	Social Work	Northern Communities: Towards Social and Economic Prosperity

Strategic Joint Initiatives

Joint initiatives, developed and funded by SSHRC and other organizations, support targeted research on pressing social, economic and cultural issues. *The Metropolis Project – Welcoming New Communities Initiatives* supports research and policy development on population migration, cultural diversity and the challenges of immigrant integration in cities in Canada and around the world. This partnership includes 16 Ontario universities.

RECIPIENT	DEPT./SCHOOL	PROJECT TITLE
Lacassagne, Aurélie	Political Science	Welcoming Communities: Working to improve the inclusion of visible minorities and immigrants in second and third tier Ontario cities

Natural Sciences and Engineering Research Council (NSERC)

Discovery Grants

NSERC's Discovery Grants (DG) program assists in promoting and maintaining a diversified base of high-quality research capability in the natural sciences and engineering in Canadian universities, fosters research excellence, and provides a stimulating environment for research training. Fifteen Laurentian researchers have received a Discovery Grant this year.

RECIPIENT	DEPT./SCHOOL	PROJECT TITLE
Arteca, Gustavo	Chemistry	Molecular shape dynamics, reaction paths and conformational transitions in biomolecules. Theory and simulations.
Aouni, Belaid	Commerce	Modélisation des préférences du décideur dans le modèle du goal programming interactif
Eger, Tammy	Human Kinetics	Examining the impact of non-neutral sitting postures on vibration transmissibility up the spine
Gauthier, Eric	Chemistry	Modulation of cell survival by L-glutamine
Jugo, Pedro	Earth Sciences	Experimental constraints on the genesis of magmatic and magmatic-hydrothermal ore deposits
Kaiser, Peter	Engineering	Geomechanics risk assesment and mitigation for mining at depth
Kamber, Balz	Earth Sciences	Silicate differentiation on the early earth
Ritz, Stacey Spiers, Graeme	NOSM/ Earth Sciences	Comparison of particulate air pollution from industrial cities in Ontario: Chemical composition and biological effects
Ryser, Peter	Biology	Ecological significance of plant biomass turnover
Schamp, Brandon	Biology	Patterns in plant community assembly

Schulte-Hostedde, Albrecht	Biology	Consequences of sexual selection in mammals
Sutherland, Leslie	NOSM/Biology	Apoptosis regulation by RNA binding proteins
Thurston, Phillips	Earth Sciences	Stratigraphic markers in Archean Greenstones
Tinkham, Douglas	Earth Sciences	Metamorphic phase equilibria and the evolution of orogenic belts
Ye, Zhibin	Engineering	Developing advanced polyolefins of novel chain architectures

Research Tools and Instruments Grant (RTI)

NSERC's Research Tools and Instruments Grant foster and enhance the discovery, innovation and training capability of university researchers in the natural sciences and engineering by supporting the purchase of research equipment and installations. Three Laurentian research teams received RTI grants this year.

RECIPIENT	DEPT./SCHOOL	PROJECT TITLE
Gauthier, Eric Boudreau-Larivière, Céline Merritt, Thomas	Chemistry Human Kinetics Biology	Nucleofector device
Kontak, Daniel	Earth Sciences	Chemical fingering printing of fluids in geological environments
Farine, Jacques Hallman, Doug	Physics	Hardware improvements to the EXO-200 detector

Undergraduate Student Research Awards (USRA)

Nineteen Laurentian students have received NSERC Undergraduate Student Research Awards (USRA) this year. These awards provide \$4,500 toward the salary of undergraduate students who work on supervised research projects during the summer.

RECIPIENT	DEPT./SCHOOL	SUPERVISOR
Amaratunga, Thelina	Chemistry	Arteca, Gustavo
August, Tyler	Physics	Chitov, Gennady
Bradley, Jaimee	Biology	Ramcharan, Charles
Brooks, Jennifer	Biology/NOSM	MacLean, David
Buechli, Midori	Chemistry	Belzile, Nelson
Desrosiers, Nathalie	Forensic Science	Watterson, James
Gill, Harneet	Biology	Ryser, Peter

Haring, Monika	Earth Sciences	McDonald, Andy
Levesque, Mikael	Biology	Martinez-Garcia, Mery
Myre, Maxine	Chemistry	Joly, Helene
Phillips, Daniel	Math & Comp. Sci.	Dompierre, Julien
Piché, Matthew	Biology/NOSM	Tai, Tze-Chun
Racette, Chantal	Math & Computer Science	Serghini, Abdellatif
Skeries, Kristina	Earth Sciences	Schindler, Michael
Talarico, Marisa	Biology	Ramcharan, Charles
Vanderbeck, Kaitlin	Chemistry	Gauthier, Eric
Ward, Kara-Anne	Biology	Schulte-Hostedde, Albrecht
Wilson, Graeme	Engineering	Henda, Redhouane
Wilson, Murray	Engineering	Henda, Redhouane

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