

INITIATIVES

A World-first in Medical Isotope Production

Scientists at the Canadian Light Source (CLS) have made the first shipment of molybdenum-99 medical isotopes produced in its world-first dedicated linear accelerator. Approval is now being sought from Health Canada. By 2016, it is expected the dedicated linear accelerator will be the leading supplier of isotopes to health-care facilities across Saskatchewan, Manitoba and Northwest Ontario. The project was funded by Natural Resources Canada's Isotope Technology Acceleration Program (ITAP), and the Government of Saskatchewan, in partnership with the Prairie Isotope Production Enterprise (PIPE). For more information, visit: <http://goo.gl/aiDM2O>.

Advancing Nuclear Medicine Capacity

The **Sylvia Fedoruk Canadian Centre for Nuclear Innovation** at the U of S announced more than \$5 million in funding to support a provincial program in nuclear imaging, including \$3.5 million to recruit two research chairs to the U of S, one chair to the U of Regina, and a research coordinator at the U of S. Up to \$1.7 million was also committed for research equipment and infrastructure. Other developments involving the Fedoruk Centre include:

- Construction of the **Saskatchewan Centre for Cyclotron Sciences** is now complete and the occasion was marked with an end of construction event on December 5. The Fedoruk Centre has now assumed responsibility for the facility's operations and regulatory commissioning.
- The Fedoruk Centre held its annual Forum for Accountability and Communities Talking *nuclear* Science on November 20th. Research teams involved in 16 projects, including 15 from the U of S, met to discuss their work with each other and the public.

Patient-Oriented Research Workshop Held

Faculty, patients, clinicians, policy makers, and students attended a workshop on November 13th to learn about **patient-oriented research in Saskatchewan**. The workshop informed attendees about CIHR's new strategy for patient-oriented research and how to engage patients in research. The joint health office is presently working with researchers interested in CIHR's current SPOR network call focused on chronic disease. A video of the workshop is available at <http://research.usask.ca/research-process/index.php> under *Workshops and Resources*.

Update: University Research System (UnivRS)

The UnivRS Team and ICT Reporting and Data Services have completed the transition to UnivRS for supplying research information to the uView Report Portal. The integration of UnivRS and the uView Report Portal will ensure users have access to up-to-date research metrics from UnivRS and enhanced reporting in the future as additional UnivRS functionality is implemented. For more information on UnivRS, visit <http://goo.gl/nPJ9Qn>.

Pharmacy and Nutrition Researcher Spotlights

Derek Jorgenson is the College of Pharmacy and Nutrition's **Researcher of the Month** for December. Since the beginning of the semester, the college has been celebrating the work of one of its faculty members by profiling their work online. Jorgenson recently launched the Medication Assessment Centre as a means of teaching medication management skills in authentic scenarios. Other recipients include: David Blackburn, Ed Krol, and Phyllis Paterson. For more information, visit <http://goo.gl/PDGuv1>.

PARTNERSHIPS

Pan-American Delegation Visits Campus

Representatives from institutions in Latin America and the Caribbean interested in university partnerships through the **Emerging Leaders in the Americas Scholarship Program (ELAP)** visited campus on November 13th. The U of S currently has more than 30 students participating in the program, one of the highest participation rates in Canada. Delegates from 21 different institutions from Colombia to Jamaica visited campus to meet with faculty, staff and students, tour facilities, and hear a presentation from Graeme Joseph on U of S Aboriginal Initiatives.

Additional International Activity

The following international activities took place in November:

- Delegates from **Jiangxi University of Finance and Economics (JUFE)** in China visited campus on November 6th. They met with the Department of Economics to discuss developing and delivering joint programming. A Memorandum of Understanding was developed in order to recognize JUFE as a formal partner and facilitate the acceptance of JUFE transfer students.

- The U of S School of Physical Therapy signed a Memorandum of Understanding with **YIC Rehabilitation College** in Ube, Japan on November 18th. The agreement is the result of a recent visit by the Chair of the Physical Therapy Department at YIC and has provided a framework for future collaborations.

U of S Researchers Attend Commonwealth Science Conference

Baljit Singh, Jeff McDonnell and **Curtis Pozniak** represented the U of S at the Commonwealth Science Conference (CSC) held November 25th to 28th in Bangalore, India. Organized by the Royal Society and supported by the Government of India and the Queen Elizabeth Diamond Jubilee Trust, this was the first CSC held in almost 50 years. Scientists and students from 30 Commonwealth countries participated in the conference. The CSC aims to celebrate excellence in Commonwealth science, to provide opportunities for cooperation, to inspire young people, and to build scientific capacity in the developing nations within the Commonwealth.

FUNDING SUCCESSES

\$2M+ for Wheat Research

Curtis Pozniak (Crop Development Centre) has been awarded \$2,280,000 from the Saskatchewan Ministry of Agriculture's Agriculture Development Fund for his project "*Filling Gaps in Wheat Cultivar Development with Translational Research.*"

Environment Canada Funds Clean Air Project

Adam Bourassa (Physics and Engineering Physics) was awarded \$100,000 from Environment Canada for the project "*Climate Change and Clean Air.*"

Canada-China Initiative Funds VIDO Research

Andrew Potter (VIDO-InterVac) was awarded a \$485,283 **CIHR Canada-China Human Vaccines Operating Grant** for the project "*Developing novel vaccines for respiratory syncytial virus and parainfluenza virus type 3*" with co-investigators Volker Gerdt, Paul Hodgson, and Sylvia van den Hurk. The project also includes contributions from partners International Science and Technology Partnerships Canada and the Ministry of Science and Technology of the People's Republic of China.

Researchers Awarded \$1M+ in SSHRC Funding

Six U of S researchers were successful in receiving a total of more than \$1 million in **SSHRC Insight Grants**:

- ❖ **Geraldine Balzer** (Curriculum Studies) was awarded \$232,230 for the project "*Impact of International Service Learning Initiatives on Host Communities.*"
- ❖ **Daniel Béland** (Public Policy) was awarded \$78,608 for the project "*Public Policy and Territorial Identities (Politiques Publiques et Identités Territoriales).*"
- ❖ **Linda Ferguson** (Nursing) was awarded \$218,062 for the project "*Facilitating Workplace Learning for Internationally-Educated Workers and Students: A Participatory Action Project*" with U of S co-investigators Holly Graham-Marrs (Nursing), Louise Racine (Nursing), and Noelle Rohatinsky (Nursing).
- ❖ **Yin Liu** (English) was awarded \$152,983 for the project "*Medieval Codes.*"
- ❖ **Devan Mescall** (Accounting) an emerging scholar was awarded \$162,838 for the project "*The Effect of Tax Enforcement and Tax Policy on the Cross-border Shifting of Patents by Multinational Corporations.*"
- ❖ **Peter Robinson** (English) was awarded \$417,783 for the project "*Canterbury Tales Project Phase Two.*"

Funding for Poultry Research

Three U of S research projects received a total of \$660,772 from the Poultry Cluster funding administered by the Canadian Poultry Research Council as part of the Government of Canada sponsored Growing Forward 2 Program:

- ❖ **Karen Schwean-Lardner** (Animal & Poultry Science) was awarded \$176,870 for the project "*Impact of Stocking Density on Performance, Health and Welfare of Turkeys.*"
- ❖ **Trevor Crowe** (Mechanical Engineering) has been provided a total of \$373,052 for the project "*The Influence of Extreme Temperature on Turkey Physiology, Welfare and Meat Quality.*"
- ❖ **Arshud Dar** (VIDO) has received \$110,800 for the project "*Non-Antibiotic Control of Bacterial Infection.*"

Nearly \$700,000 for Toxicology Research

Fisheries and Oceans Canada is funding two projects from the Toxicology Centre:

- ❖ **Markus Hecker** received \$444,998 for the project, "*Assessing the Adverse Effects of Emerging Chemical Contaminants on Fishes of Commercial, Aboriginal and Recreational Value to Canadians.*"
- ❖ **Christy Morrissey** received \$233,150 for the project, "*Neonicotinoid Insecticide Toxicity to Aquatic Organisms: Addressing Key Knowledge Gaps on Toxicity Thresholds, Mixtures and Mitigation Strategies Using Buffer Zones.*"

Flax Projects Funded

Three U of S research projects received a total of \$328,530 from the Flax Council of Canada as part of the Government of Canada-funded Growing Forward 2 Program:

- ❖ **Helen Booker** (Crop Development Centre) was awarded \$64,400 for the project "*Genetic Improvement of Drought Tolerance in Flax.*"
- ❖ **Chris Willenborg** (Plant Sciences) was awarded a total of \$120,130 for the project "*Optimizing Integrated Weed Management in Flax Crops.*"
- ❖ **Randy Kutcher** (CDC) has received \$136,000 for the project "*Flax - Disease Management.*"

Planning and Dissemination Grant Recipients

Three researchers from the U of S Canadian Centre for Health and Safety in Agriculture were awarded

CIHR Planning and Dissemination Grants:

- ❖ **Shelley Kirychuk** was awarded \$11,000 for the project "*The Built Environment and First Nations Health: Addressing and Redressing the Issues. Establishing a blueprint for Canada.*"
- ❖ **Joshua Lawson** was awarded \$12,500 for the project "*Development of an International Research Initiative in Childhood Asthma.*"
- ❖ **Debra Morgan** was awarded \$10,000 for the project "*Developing Demetria Care Research, KTE, and Policy Priorities from a Provincial Gap Analysis Study.*"

SSHRC Development Grants Awarded

Seven U of S researchers from six colleges received a **SSHRC Insight Development Grant**:

- ❖ **Jim Clifford** (History) was awarded \$74,288 for the project "*London's Ghost Acres, 1850-1919: An Advanced Digital History Approach*" with co-investigator Colin Coates (York University).
- ❖ **Donna Goodridge** (Nursing) was awarded \$74,955 for the project "*Social Engagement, Independence and Productivity among Older Adults: Participatory Research to Promote Aging in Place*" with U of S co-investigators Michael Gertler and Elizabeth Quinlan (Sociology), Douglas Surtees (Law), Rosemary Venne (Human Resources and Organizational Behaviour) and Paulette Hunter (STM).
- ❖ **Pei-Ying Lin** (Educational Psychology) was awarded \$74,989 for the project "*Policy and Equity: Are Accommodation Policies and Practices Equitable for Students and Special Needs?.*"
- ❖ **Haizhen Mou** (Public Policy) was awarded \$73,657 for the project "*Understanding Cost Efficiency in the Public K-12 Education Systems: A Behavioural Approach*" with co-investigators Michael Atkinson (Public Policy) and Jim Marshall (U of R).
- ❖ **Bram Noble** (Geography and Planning) was awarded \$74,108 for the project "*Flood Risk in Rural Communities Experiencing Rapid Environmental Change: Toward a Framework for Stakeholder-Based Evaluation of Alternative Flood Policy and Mitigation Strategies*" with co-investigator Cherie Westbrook (Geography and Planning).
- ❖ **Ibironke Odumosu-Ayanu** (Law) was awarded \$71,305 for the project "*Local Communities and Transnational Oil and Gas Contracts in West and Central Africa.*"
- ❖ **Joseph Schmidt** (Human Resource and Organizational Behaviour) was awarded \$46,308 for the project "*Does Human Resource Management help or Exploit Employees? The Antecedents and Consequences of Employee Attributions about Human Resource Systems*" with co-investigator Dionne Pohler (Public Policy).