

REPUTATIONAL SUCCESSES

Reed to receive YWCA Women of Distinction Award for Lifetime Achievement

Professor **Maureen Reed** (SENS) will be awarded the YWCA Women of Distinction Award for Lifetime Achievement on May 26, 2016. Professor Reed is recognized with this honour for her “many accomplishments and lifetime of work in building resilient, sustainable communities in our natural world.” For further information on Professor Reed and the other YWCA nominees from the U of S, visit:

<http://goo.gl/qUN25>

Chivers honoured by the Animal Behavior Society

Professor **Doug Chivers** (Biology) was elected as a Fellow of the Animal Behaviour Society (ABS). The honour recognizes long-term accomplishments and distinguished contributions to animal behaviour research. This is the most prestigious honour given by the ABS. For more information, visit:

<http://goo.gl/FVPF98>

FUNDING SUCCESSES

NSERC CREATE awards \$3.3M for Gaming and Space Technology Research

Computer scientist **Regan Mandryk** and space scientist **Kathryn McWilliams** have each received \$1.65 million over 6 years through the Natural Sciences and Engineering Research Council of Canada’s Collaborative Research and Training Experience Program (NSERC CREATE). Dr. Mandryk who specializes in human-computer interactions, will be putting the funding towards SWaGUR, Saskatchewan Waterloo Games User Research initiative. Dr. McWilliams is leading the new International Space Mission (ISM) Training Program, a joint effort with partners in Canada and Norway. For more information, visit: <http://goo.gl/OJtGvX>

CFI JELF Funding Success

The Canada Foundation for Innovation (CFI) announced one successful John R. Evans Leaders Fund (JELF) proposal on April 15, 2016. **Laureen McIntyre** and **Laurie Hellsten** (both Educational Psychology & Special Education) were awarded \$84,958 from CFI for “*Community-Based Observation Laboratory (COL)*.” For more information, visit:

<https://goo.gl/4ecf5U>

SHRF Grant

Gillian Muir (Department of Veterinary Biomedical Sciences) received \$75,000 for the project “*Acute Intermittent Hypoxia to Improve Motor Function after Spinal Cord Injury*.”

SSHRC Connection

- **Steve Wormith**, (Department of Psychology) received \$14,000 for the project “*16th Biennial Violence and Aggression Symposium 2016*.”
- **Kenneth Coates**, (International Centre for Northern Governance and Development) received \$24,854 for the project “*The North and the First World War – Conference*.”

CIHR Patient Engagement - Collaboration Grants (SPOR)

Bonita Beatty, (Department of Indigenous Studies) received \$15,000 for the project “*Northern Aboriginal Elderly Caregivers*.”

CIHR Mental Health Network

Caroline Tait, (Department of Psychiatry) is a Co-PI on the CIHR Mental Health Network ACCESS; \$12,421,000 over 5 years; Led by Ashok Malla, Douglas Hospital Research Centre.

NSERC Awards Engage Grants

- ❖ **Francis Bui**, (Department of Electrical and Computer Engineering) received \$25,000 for the project *"An Automated System for Computing Exposure Parameters and Triggering of the Exposure for X-ray Imaging"* with industry partner Prairie Veterinary Diagnostic Imaging.
- ❖ **Duncan Cree**, (Department of Mechanical Engineering) received \$24,491 for the project *"Assess the Performance of Adhesives for Bonding and Joining Dissimilar Metals"* with industry partner Doepker Industries Ltd.
- ❖ **Ajay Dalai**, (Department of Chemical and Biological Engineering) received \$25,000 for the project *"Synthesis and Techno-Economic Evaluation of Canola Bio Lubricant Production Process"* with industry partner Proveta Nutrition Ltd.
- ❖ **Ralph Deters**, (Department of Computer Science) received \$25,000 for the project *"Cloud-Based Management of Distributed Sensor Networks"* with industry partner blueRover Inc.
- ❖ **Grant Ferguson**, (Department of Civil and Geological Engineering) received \$22,052 for the project *"Developing Sustainable Non-Potable Groundwater Resources for Oil Field Operations in Shaunavon, Saskatchewan"* with industry partner Crescent Point Energy Corp.
- ❖ **Joyce McBeth**, (Department of Geological Sciences) received \$25,000 for the project *"Microbial Community Response to Biostimulation in a Petroleum Hydrocarbon Contaminated Site in Saskatoon, SK"* with industry partner Federated Co-operatives Ltd.
- ❖ **Chanchal Roy**, (Department of Computer Science) received \$25,000 for the project *"Code Reviewer Recommendation Based on Cross-Project and Technology Experience"* with industry partner VendAsta.
- ❖ **Raymond Spiteri**, (Department of Computer Science) received \$25,000 for the project *"Predictive Modelling and Simulation of Treatments for Heart Disease"* with industry partner Appairy Supercomputing.

Royal University Hospital Foundation

- ❖ **Lilian Thorpe**, (Department of Community Health and Epidemiology) received \$25,000 for the project *"Vitamin D Supplementation in Long-Term Care Facilities in Saskatchewan (LTCF): Effects on Hip Fractures, Depressive Symptoms and Psychotropic Medication."*
- ❖ **Melissa Denis**, (Department of Psychiatry) received \$21,318 for the project *"Self-reported impairment and quality of life information from children and adolescents with psychiatric symptoms: The utility of the WHODAS-Child in the Saskatoon Health Region."*
- ❖ **Jim (Jianhua) Xiang**, (Division of Oncology) received \$25,000 for the project *"Immunologic benefits of irreversible electroporation (NanoKnife) of the primary tumor and potential for therapeutic benefit to systemic disease."*
- ❖ **Roona Sinha**, (Department of Pediatrics) received \$20,750 for the project *"Better Acquisition of Blood in Every Specimen (BABIES)."*
- ❖ **Jonathan Farthing**, (College of Kinesiology) received \$24,983 for the project *"Clinical Application of Cross-education During Stroke Rehabilitation."*

Contract Funding Secured

Eight U of S researchers have recently secured research funding through contracts with partners:

- ❖ **Doug Degenstein** (Physics and Engineering Physics) has received \$499,785 from the Canadian Space Agency for the project, *"Prototype Development of the Limb Imaging FTS Experiment (LIFE) for a Stratospheric Balloon."*
- ❖ **Rich Farrell** (Department of Soil Science) has received \$353,281 from the University of Manitoba under a subcontract of Climate Change and Emissions Management Corporation funding for the project, *"A Matter of Timing and Source: Enhancing Efficiency Nitrogen Fertilizers and Products to Reduce Nitrous Oxide Emissions in the Prairie Provinces."*

- ❖ **Karl-Erich Lindenschmidt** (Global Institute for Water Security) has received \$309,478 from Environment Canada for the project, *"A Water Quality Modelling System of the Qu-Appelle River Catchment for Long-Term Water Management Policy Development."*
- ❖ **Bing Si** (Department of Soil Science) has received \$115,000 from Saskatchewan Pulse Growers for the project, *"Crop Water Footprints and Virtual Water Flows: A Comprehensive Evaluation of Crop Water Use in Saskatchewan."*
- ❖ **Craig Stephen** (Canadian Wildlife Health Cooperative) has received \$450,000 from Parks Canada for the project, *"Delivery of Wildlife Disease Surveillance Expertise in Canada."*
- ❖ **Tom Warkentin** (Crop Development Centre) has received \$175,879.85 from Saskatchewan Pulse Growers for the project, *"Marker-Assisted Introgression of Useful New Diversity into the Pea Genome for Rapid Cultivar Improvement."*
- ❖ **Lynn Weber** (Department of Veterinary Biomedical Sciences) has received \$305,377 from Saskatchewan Pulse Growers for the project *"Improving Pulse Palatability and Health Benefits to Increase Pulse Market Share of Pet Foods."*
- ❖ **Chris Willenborg** (Department of Plant Sciences) has received \$2,023,021 from Saskatchewan Pulse Growers for the project, *"Enhancing Weed Science in Pulse Crops: Towards a Robust Strategy for Long-Term Weed Management."*

PARTNERSHIPS

International Delegations Supported

- ❖ **Outbound:** During the February break, Drs. **Randy Kutcher** (Plant Sciences) and **Hugo Cota-Sanchez** (Biology) lead a student tour to **Ecuador** to visit and interact with students and faculty at two of our partner institutions, ESPE in Quito and ESPOCH in Riobamba. Students of both countries presented their undergraduate research at a conference at each university. Visits were made to agricultural and horticultural enterprises and to indigenous farms to learn of rose production and the flower industry, quinoa production and processing and cereal crop production.
- ❖ **Inbound: Iwate University, Japan** delegation visited U of S on March 28-30, 2016. The delegates included Dr. Matsuo Uemura, Vice President of International Relations and Public Liaison, Iwate University, Dr. Jun Kasuga, Obihiro University of Agriculture and Veterinary Medicine and UGAS, and Mr. Satoshi Yoshida, Sun-Farm Ltd. Meetings took place to discuss summer internship programs. The

group met with several other U of S faculty and staff, toured the Horticulture Field Facility & Plots, Patterson Gardens and Green House (U of S Fruit Program), the CLS, the Western Development Museum, and the Saskatoon Berry Barn.

International Agreements Signed

- ❖ Graduate student and faculty exchange agreement with the **Université Catholique de Louvain, Belgium**.
- ❖ University-wide undergraduate student exchange agreement with the **Universidad Nacional Autónoma de México** and **Mahidol University International College, Thailand**.
- ❖ Cooperation agreement renewal with **Vietnam International Education Development (VIED) of the Ministry of Education and Training of Vietnam** to facilitate and promote cooperation between VIED and the U of S with a view of providing funding support and opportunities to Vietnamese students to study at the U of S.