

THE SOILED PROFILE



NEWSLETTER DEPARTMENT OF SOIL SCIENCE UNIVERSITY OF MANITOBA “bringing you the latest dirt”



UNIVERSITY
OF MANITOBA

For general inquiries or if you have material to include in the newsletter:

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Past issues of the Soiled Profile are on our
webpage: [umanitoba.ca/afs/soil science/](http://umanitoba.ca/afs/soil%20science/)

9 February 2018

Upcoming:

Tuesday, Feb 13, 1:00 p.m., Room 346 Ellis Building – Department of Soil Science, Ph.D. thesis defence, Oscar Molina Tirado. “Identification of *Verticillium* species and control methods for Verticillium Wilt of potato in Manitoba”

Wednesday, Feb 14, 3:30 p.m., Room 130 Agriculture Building – Faculty seminar. Dr. Paul Bullock, Department of Soil Science. “Canopy Reflectance for Agricultural Crop Assessment”. (refreshments served at 3:00 pm).

News:

CSSS Fellow Award

Consider nominating a worthy colleague for the CSSS Fellow Award. Nominations are due **March 9, 2018**, and can be submitted by e-mail to fran.walley@usask.ca, Chair of the Awards Committee. Information on all CSSS awards is available at <http://csss.ca/awards-criteria/>.

Fire Suppression System Inspections

Vipond Fire Protection company will be performing legislated inspections of the University of Manitoba’s fire suppression systems for 2018. This work will require access to all buildings and rooms therein. All Vipond Fire Protection employees will be wearing uniforms as means of identification.

Inspection in the Ellis Building is scheduled for February. During these inspections, all life safety systems will remain active. Therefore, if the alarm goes off, please follow all emergency procedures and evacuate the building.

New Travel Procedure -- What You Need to Know

The revised Travel and Business Expense Claims Procedure was released on December 13, 2017. The revised Procedure can be found [here](#).

Sessions on the new Procedure are being offered through Learning and Organizational Development (LOD). Register for a session here: <https://umanitoba.gosignmeup.com/Public/Course/Browse>. If you have any questions, please contact Travel Services at travinfo@umanitoba.ca, or at 480-1001 ext. 1.

Proposed Steam Plant Shutdown

Sunday, June 3 (1800 h) to Wednesday, Jun 13 (1200 h). During this time, domestic hot water where electric hot water stand-by heaters are available. Air conditioning and normal building ventilation will continue to operate. Steam at 30 psig will be available by Thursday, June 14 (0800 h).

If you have concerns, please contact Greg Kwok, Manager Chief Power Engineer, Physical Plant.

Opportunities:

Research Scientist, Integrated Field Sciences R&D, Dow Agrosiences, Edmonton, AB

www.dow.com/careers Competition # 1711875

Plan and implement field research and development programs to validate the field biology and performance of new product concepts; recognize future marketplace needs and influence the development of new product concepts; and provide technical support to maximize sales of new and existing products.

Basic Qualifications: M.Sc. or higher.

Preferred Qualifications:

- PhD or higher in Weed Science, Entomology, Plant Pathology, Plant Molecular Biology, Soil Science, Agronomy or related Biological Science.
- In-depth knowledge of the theories and practices of agricultural science.
- Demonstrated proficiency in conducting and publishing refereed research.
- A working knowledge of agronomic production practices, crop protection, biotechnology, molecular biology and/or plant genetics.
- Strong communication skills and demonstrated ability to transfer technology through scientific presentation and publication. Comfortable engaging and interacting with internal (marketing, sales, regulatory) and external (producers, academics, consultants) stakeholders.
- Practical knowledge of education techniques and experience transferring technical information to diverse audiences.

Learn more at www.dowagro.com/enca/canada and <http://www.dow-dupont.com/about-dow-dupont/agriculture/default.aspx>. The closing date is **February 16, 2018** and applicants must apply on-line.

2018 Faculty of Agricultural and Food Sciences Endowment Fund Competition

The Endowment Fund Committee of the Faculty of Agricultural and Food Sciences is soliciting proposals for funding from students, alumni, academics and support staff of the Faculty of Agricultural and Food Sciences. Funding is available for a wide variety of worthy projects and programs consistent with the academic goals of the Faculty of Agricultural and Food Sciences.

Deadline: 12:00 noon on **February 28, 2018**.

Download application at: <http://umanitoba.ca/faculties/afs/endowment/index.html>. Submit application via e-mail to: heather.wiebe@umanitoba.ca.

Head, Department of Soil Science, University of Manitoba

Position #AH164 | Full-Time Permanent

Applications will be accepted until **March 16, 2018** or until the position has been filled. Enquiries, applications (including a letter of interest, full CV and names and contact information of three references) and nominations should be sent in confidence to: Dr. Karin Wittenberg, Dean Chair of the Head Search Committee, Room 256 Agriculture Building, University of Manitoba, Winnipeg, Manitoba R3T 2N2, 204 474-9380, agdean@umanitoba.ca.

2018 L'Oréal Canada For Women in Science Research Excellence Fellowships

Two (2) fellowships of \$20,000 CAD each are offered to female post-doctoral researchers in the field of Life Sciences and the Engineering/Pure and Applied Sciences. This fellowship is a part of the For Women in Science Program which recognizes the importance of the contributions of women in the progress of science. Applications will be reviewed by a panel of scientists, including representatives from the Canadian Commission for UNESCO and L'Oréal Canada. Candidates must conduct their research at a Canadian host institution or organization.

Value: \$20,000 CAD each. Place of Study: Host institution/organization in Canada.

Field of Study: For the 2018-2019 competition, fellowships are being offered for research in the field of Life Sciences and the Engineering/Pure and Applied Sciences.

Online applications must be received at Universities Canada on or before **March 23, 2018**.

To Apply: <https://portal.scholarshippartners.ca>. For additional information: awards@univcan.ca.

Canada-ASEAN Scholarships and Educational Exchanges for Development

Applications are now open for the Canada-ASEAN Scholarships and Educational Exchanges for Development (SEED). The SEED program provides students and researchers from member states of the Association of Southeast Asian Nations (ASEAN) with short-term exchange opportunities for study or research in Canadian post-secondary institutions at the college, undergraduate and graduate levels. ASEAN member states: Brunei Darussalam, Cambodia, Indonesia, Laos (Lao People's Democratic Republic (Lao PDR)), Malaysia, Myanmar, The Philippines, Singapore, Thailand, or Vietnam).

Undergraduate or graduate students from post-secondary institutions in ASEAN are eligible to apply. For college and undergraduate applications, a written institutional collaboration and student exchange agreement MUST be in place at the time of application. For graduate applications, an agreement is desirable but NOT mandatory. All University of Manitoba's applications have to be submitted by the International Centre.

The scholarship value varies depending on the duration and level of study. The scholarship value for students is:

- CAD 8,700 for college, undergraduate or graduate students (Master's and PhD) for a minimum of four months or one academic term of study or research;
- CAD 11,200 for graduate students (Master's and PhD) for a period of five to six months of study or research; or

- CAD 14,400 for undergraduate and college students for a period of eight months or two academic terms of study or research.

Full details: [click here](#). Internal application deadline: Tuesday, **April 3, 2018** 4:30pm DST

International Centre contact: Kennis Fung, International Partnership Officer (Asia and Oceania), Kennis.Fung@umanitoba.ca.

Ph.D. positions in Environmental chemistry/Analytical chemistry/Biogeochemistry, Université de Sherbrooke, Sherbrooke, QC

Importance of trace metal bioavailability and management protocols on carbon sequestration and green house gas emissions in brownfield sites. The main objective of the proposed PhD project is to better evaluate how trace metal availability influences key microbial processes contributing to carbon exchange and GHG emissions (CH₄ production and consumption, N₂O emissions) under divers reclamation practices. The Sudbury region- once the world's largest point source of S, Ni, and Cu pollution- will be used as a model system representing gradients of barren brownfield mine and mine waste sites to semibarren smelter-impacted terrestrial and aquatic ecosystems.

Good skill in analytical/environmental chemistry is required. Knowledge on biogeochemistry or microbiology would be appreciated. Basic knowledge in ecology would be a plus but is not obligatory.

Scholarship: 18,000 to 21,000\$ per year (for three years).

Starting date: as soon as possible

To apply send CV, M.Sc. official transcript, a cover letter and 2 letters of reference to jean-philippe.bellenger@usherbrooke.ca. Complete files will be reviewed within few days after reception. Positions will be filled as soon as possible.

SOIL Apprenticeships

Stewards Of Irreplaceable Land - Grow Food. Sustain the Future. Together.

Now accepting apprenticeships for 2018. Apprenticeships are available to anyone over 18 years old who is healthy, self motivated and eager to learn. A time commitment of eight weeks is usually required. A full-season commitment is usually preferred. Most apprenticeships involve labor in exchange for room, board and the opportunity to learn, although some farms provide a wage or small allowance.

To find out more: www.soilapprenticeships.com. For questions: soilapprenticeships@gmail.com.

Events:

Joint CGU-CSSS-CSAFM-ES-SSA-CIG Meeting, Jun 10-14, 2018, Niagara Falls, ON

Abstract submission is now open. Deadline: **March 9, 2018**.

More information: <https://meeting2018.cgu-ugc.ca>.