

# 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:

Lynda Closson  
University of Manitoba  
Room 362 Ellis Bldg  
Winnipeg, MB R3T 2N2

Phone: 204 474-8153, Fax: 204 474-7642  
Email: [lynda.closson@umanitoba.ca](mailto:lynda.closson@umanitoba.ca)  
Past issues of the Soiled Profile are on our  
webpage: [umanitoba.ca/afs/soil science/](http://umanitoba.ca/afs/soil%20science/)

**29 September 2017**

### Upcoming:

Thursday-Friday, Oct 5-6 – Fall Term Break. No classes.

Thursday, Oct 5, 12:00 noon, Room 346 Ellis Building – Soil Science Potluck Lunch. Please sign-up on the sheet in the main office to bring a dish. The menu is looking delicious so far. The Soil Science band is warmed up and ready to perform.

Friday, Oct 6 – Special Event at Investors’ Group Field. **Parking restrictions will be in effect for W lot starting at 6:00 p.m.**

Saturday, Oct 14 – Special Event at Investors’ Group Field. **Parking restrictions will be in effect for W lot starting at 1:30 p.m.**

Friday, Oct 27, 12:30 p.m., Room 346 Ellis Building – Soil Science seminar series. Presenter: Dr. Rachel Krause, Assistant Professor in Biology, Canadian Mennonite University. Topic: Soil-transmitted parasites and health implications in Panama.

Saturday, Oct 28 – Special Event at Investors’ Group Field. **Parking restrictions will be in effect for W lot starting at 1:30 p.m.**

Wednesday, Nov 8, 12:30 p.m., Room 346 Ellis Building – Soil Science seminar series. Presenter: Dr. Vince Palace, Head Research Scientist, IISD - Experimental Lakes Area Inc. Title: Freshwater Oil Spill Research at IISD-ELA.

### Department Staff Away:

Carmela Cianflone	Sep 22-Oct 6
David Lobb	Sabbatical July 01 – December 31, 2017
Mario Tenuta	Sabbatical July 01 – December 31, 2017

## News:

### *Sirajum Munira's PhD defence*

Sirajum Munira successfully defended her PhD thesis on Tuesday. Congratulations Rumi!

### *Department Seminar Series*

The seminar committee has organized an interesting and diverse series of seminars over the Fall and Winter terms. There are a variety of speakers that will present a wide range of topics. They will all be advertised in the newsletter, the Ag-e-news and by sending out notices to other units with a potential interest. We will also put them on our web page. The first seminar is Friday, October 27 at 12:30 p.m. in Room 346 Ellis Building featuring Dr. Rachel Krause, Assistant Professor, Canadian Mennonite University. Other speakers include Dr. Vince Palace (Head Research Scientist, IISD - Experimental Lakes Area Inc.), Dr. Kevin Baron (Solum Valley Biosciences and former Soil Science Research Associate) and Dr. Alex Koiter (Assistant Professor, Department of Geography, Brandon University and former Soil Science graduate student). Please mark the dates and times on your calendar and support these speakers by attending.

## Opportunities:

### **2018 NSERC Scholarships and Fellowships Competition**

The following table provides a list of NSERC scholarships and fellowships programs and their respective deadline dates. All program descriptions have been updated for the upcoming competitions. For an overview of changes, consult the Summary of Changes [web page](#) on the NSERC website.

<b><u>Program</u></b>	<b><u>Tri-Council Deadline</u></b>
<a href="#">Canada Graduate Scholarships-Master's (CGS M) Program (Note internal deadlines below)</a>	December 1, 2017
<a href="#">Alexander Graham Bell Canada Graduate Scholarships-Doctoral (CGS D)/NSERC Postgraduate Scholarships-Doctoral (PGS D) Programs (Note internal deadlines below)</a>	November 27, 2017
<a href="#">NSERC Postdoctoral Fellowships (PDF) Program</a>	October 16, 2017
<a href="#">Canada Graduate Scholarships – Michael Smith Foreign Study Supplements (CGS-MSFSS) Program</a>	October 10, 2017
<a href="#">Foreign Study Supplement in Taiwan</a>	February 1, 2018
<a href="#">Japan Society for the Promotion of Science Postdoctoral Fellowships (JSPS)</a>	January 25, 2018

The NSERC PGSD online application form is now available. The application process for the PGS and CGS programs remains a fully electronic submission system for this year. Students will complete their application using NSERC's on-line application system and are not required to print and sign paper copies. NSERC has continued to permit online access to the NSERC applications by university representatives. Please contact [Rowena.Krentz@umanitoba.ca](mailto:Rowena.Krentz@umanitoba.ca) if you are interested in having one representative in your department provided with online access. Departments can use this access to ensure that their students' applications are complete, and to provide feedback.

There are two deadlines to note for the NSERC PGS\CGS competition; a transcript submission deadline and an on-line application submission deadline. Applicants must submit official transcripts from all institutions attended in sealed envelopes to [Rowena.Krentz@umanitoba.ca](mailto:Rowena.Krentz@umanitoba.ca) at 500 University Centre by **October 6**,

**2017.** This will provide time for her to upload transcripts so that students can submit their application electronically by **October 20, 2017**. Refer to the [FGS Awards Database](#) for detailed instructions related to submitting transcripts. Should you have any questions specific to the above awards, do not hesitate to contact NSERC by email at [schol-slo@nserc-crsng.gc.ca](mailto:schol-slo@nserc-crsng.gc.ca).

### **MSc Opportunity, University of British Columbia, Vancouver, BC**

Focus: Greenhouse gas (CH<sub>4</sub>, N<sub>2</sub>O, CO<sub>2</sub>) fluxes in the root zone of agricultural soils using chamber and gradient techniques. For more information contact Dr. Andy Black ([andrew.black@ubc.ca](mailto:andrew.black@ubc.ca)).

### **Education / Research Support Technician, University of British Columbia, Vancouver, BC**

The Education/Research Support Technician oversees all Applied Biology labs within the HR MacMillan (MCML) building at the University of British Columbia, Vancouver and provides technical support to laboratories/PBL courses and teaching activities including managing and delivering lab training and orientation, equipment set/clean up, troubleshooting and developing methodologies for both laboratory and field experiments and procedures. This position plays a key role in the MCML HSE and Space Committees and is the primary point person regarding the Faculty's vehicles. The closing date for this job posting (<http://staffcareers.ubc.ca/27723>) is 11:59pm on September 27, 2017.

We encourage all qualified candidates to apply and if you need an additional couple of days to apply beyond Sep 27, 2017, please send your application & CV to Dr. Maja Krzic ([maja.krzic@ubc.ca](mailto:maja.krzic@ubc.ca)) by **October 4, 2017**.

### **Postdoctoral Position, University of Alberta, Edmonton, AB**

A postdoctoral position is available in the Department of Renewable Resources at the University of Alberta for an agroforestry project funded by the Agricultural Greenhouse Gas Program (AGGP). The main objective of this project is to understand mechanisms controlling carbon sequestration and greenhouse gas emissions in agroforestry systems.

The position is available immediately and until filled. The initial appointment is for 1.5 years with possible renewal depending on continued funding and candidate performance. This position is for someone who finished a PhD degree after 2015 because the University of Alberta restricts postdoc position to a maximum of 5 years after the completion of the PhD degree.

Ability to communicate effectively in English and evidence of productivity from previous work and/or evidence of strong ability to publish in quality peer-reviewed journals are essential. The candidate must be highly motivated, able to work independently but at the same time be a good team player. The candidate also needs to have a valid driver's license (non-conditional) and a good driving record.

To be considered, please send an unofficial copy of your university transcripts, curriculum vitae, names and contact details of two referees, and a short statement of your research interest (maximum two pages, preferably one page) by email. Please note that incomplete applications will not be considered and only successful candidates will be contacted for interview or for offering a position.

Contact Dr. Scott Chang at [sxchang@ualberta.ca](mailto:sxchang@ualberta.ca) or 1-780-492-6375 for more information or to send in an application.

## 2018 Canola Agronomic Research Program

The objective of the CARP Program is to help canola growers increase yield, increase profitability and reduce production risk while enhancing sustainability through quality grower group-funded research and effective technology transfer. 2018 CARP Letters of Intent (LOIs) are being solicited on behalf of the three provincial canola grower organizations. Collaboration with multiple organizations/facilities is welcomed and encouraged.

The 2018 CARP research priorities:

- Disease
- Fertility
- Integrated Pest Management & Sustainability
- Stand Establishment
- Harvest and Storage Management

Links: [2018 CARP Research Priorities](#) [2018 CARP LOI template](#)

Deadline for submission of 2018 CARP LOI: **October 31, 2017**. All submissions should be sent to the attention of Gail Hoskins, CCC Crop Production Administrator and CARP Coordinator at: [hoskinsg@canolacouncil.org](mailto:hoskinsg@canolacouncil.org)

Notifications and requests for Full Proposals will be sent to applicants by Thursday, November 30, 2017.

## Mitacs Funding for Collaborative International Research

Mitacs is accepting applications for competitive international research opportunities, including student travel to and from Canada. The deadline to apply is **November 8, 2017**, at 5 p.m. PT. Projects last 12–24 weeks and are open to graduate students in all disciplines. Select destinations are also open to senior undergraduates. Funding varies by destination.

Students in Canada can do research in:

- Brazil
- China
- France
- India
- Israel
- Korea
- Mexico
- Tunisia

Students from France can do research in Canada.

Graduate students can also apply to the [Mitacs-JSPS Summer Program](#), which supports travel to Japan for a 10-week research project in Summer 2018. To learn more about these initiatives, visit the [Globalink web page](#) or contact Mitacs International at [international@mitacs.ca](mailto:international@mitacs.ca).

## Events:

### MIA Fall BBQ, October 26, 2017, Kelburn Farm

Registration and networking begins at 5:00 p.m. followed by a buffet supper at 6:00 p.m. Guest speaker will be introduced at approximately 7:00 p.m. The event usually concludes by 8:00 p.m.

Online registration will be opened on Friday, September 29th.

## **8th International Conference on Food Studies, 25–26 October 2018, Vancouver, BC**

The International Conference on Food Studies provides a forum for research and practice-based discussions in a time of growing public and research awareness of the relations among diet, health, and social well-being. The conference provides an interdisciplinary forum for the discussion of agricultural, environmental, nutritional, social, economic, and cultural perspectives on food.

We invite proposals for paper presentations, workshops/interactive sessions, posters/exhibits, colloquia, innovation showcases, virtual posters, or virtual lightning talks. The conference features research addressing the annual themes and the 2018 Special Focus: "Digital Food Cultures."

[Call for papers link](#)

[Submit a Proposal link](#)

Submit your proposal by **24 October 2017**.