

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/

06 September 2019

Welcome New Soilies!

A very warm welcome to the following new members of our Department:

Graduate students: Taurai Matengu (with Paul Bullock), Takudzwa Nawu (Francis Zvomuya), Sarah Johnson (Annemieke Farenhorst), Kody Oleson (Mario Tenuta), and Yan Yan Li (visiting PhD student, Tenuta).

Visiting scholar: Grisela Gamarra Ruiz Diaz (Tenuta)

Upcoming

M.Sc. thesis defense, Department of Soil Science, Faculty of Agricultural and Food Sciences, U of M

Candidate: Priscillar Wenyika

Thesis title: Host Preference of *Pratylenchus neglectus* to Major Crops of the Prairie Provinces of Canada

Date: September 24, 1:30 pm

Room: 346 Ellis Building

2019 ASA, CSSA & SSSA Annual Meeting, November 10-13, San Antonio, TX

Early bird pricing ends September 26!

To register, [click here](#).

To reserve a hotel room, [click here](#).

To review the program and start building your schedule: acsmeetings.org/program.

Investors Group Field – Event Day Information/Parking Restrictions*

Saturday, September 7, 3:00 pm – Bombers vs. Saskatchewan. **Parking restrictions: 1:30 – 6:00 pm**

Friday, September 27, 7:30 pm – Bombers vs. Hamilton. **Parking restrictions: 6:00 – 10:30 pm**

Saturday, October 12, 3:00 pm – Bombers vs. Montreal. **Parking restrictions: 1:30 – 6:00 pm**

Friday, October 25, 7:30 pm – Bombers vs. Calgary. **Parking restrictions: 6:00 – 10:30 pm**

*All parking lots are to be vacated a minimum of **90 minutes** prior to the start of an event at Investors Group Field, except A, B, staff section of D, CTC, and AC lots. In these lots, only permit holders will be allowed to remain and all others must vacate. Parking restrictions end 3 hours after the start of the game.

Vehicular access onto campus is possible via Chancellor Matheson Road, University Crescent (both north and south entrances) or Kings Drive. More information: <http://umanitoba.ca/parking/igf.html>

Graduate Students



Canadian Foundation for
Food and Agricultural Education

Karl C. Ivarson Agricultural Scholarship

The Canadian Foundation for Food and Agricultural Education invites applications for **The Karl C. Ivarson Agricultural Scholarship**.

This scholarship is open to agricultural science students from the province of Alberta. Students may be enrolled in any post-secondary institution within or outside the province of Alberta. In 2019, two awards will be granted:

\$10,000 Masters level
\$17,000 PhD level

Candidates must hold Canadian Citizenship or Permanent Residence status in Canada and be enrolled in their graduate program for at least one semester beyond the application deadline.

Deadline for applications is October 18, 2019

Scholarships are awarded on the following basis, but not necessarily placed in order of importance:

1. Academic achievement
2. Areas of study
3. Community Involvement
4. Career interests
5. Letters of recommendation

This scholarship was created by Dr. Karl C. Ivarson through a gift to the Canadian Foundation for Food and Agricultural Education. Application Guidelines, Application Form and Referee Form can be found at <http://cfae.ca/ivarson-agricultural-scholarship/>.

Canadian Foundation for Food and Agricultural Education

300 Earl Grey Drive, Suite 233, Ottawa, Ontario K2T 1C1
manager@cfae.ca | www.cfae.ca

NSERC Doctoral Scholarships

[NSERC CANADA GRADUATE SCHOLARSHIPS - DOCTORAL \(CGS-D\) & POSTGRADUATE SCHOLARSHIPS \(PGS-D\)](#)

Variable; \$21,000 to \$35,000 per year · For PhD students

Research Field(s): Natural Sciences and Engineering

Deadline: September 27, 2019

[More Info](#)

Please let Martha Blouw (Martha.Blouw@umanitoba.ca) know if you intend to apply.

Mitacs Workshops for Graduate Students

The following is a list of Mitacs workshops scheduled for this academic year:

- Networking – Oct 10: GSA Lounge, U of MB
- Foundations of Project Management I, Oct 29-30: venue TBD
- Foundations of Project Management I, Nov 21-22: GSA Lounge, U of MB
- Skills of Communications – Nov 26: GSA Lounge, U of MB
- Build Your Scientific and Technical Writing Skills – Nov 7 – 8: venue TBD
- Practice Your Presentation Skills I – Feb 13, 2020: GSA Lounge, U of MB
- Discovering the Entrepreneur Within – Feb 26, 2020: GSA Lounge, U of MB
- Career Professionalism - Mar 12, 2020 (not confirmed yet)

Registration Reminder: GRAD 7500 Academic Integrity

Please read the below information carefully as it concerns important information about graduate student registration.

NB: In addition to the re-registration course below, please register for your appropriate thesis course:

[Master's Thesis - 1598 - GRAD 7000 - A03](#)

[Doctoral Thesis - 1603 - GRAD 8000 - A03](#)

Compulsory GRAD 7500 Academic Integrity Tutorial

Academic Integrity is a matter of paramount importance in academia. It is the foundation of scholarly work. Breaches of Academic Integrity, whether intentional or unintentional, have potentially very serious consequences to a student's status in the Faculty of Graduate Studies and at the University of Manitoba. To help graduate students better understand the issues surrounding Academic Integrity, the Senate of the University of Manitoba passed a motion that requires all graduate students to take a compulsory tutorial on Academic Integrity.

All graduate students must register for and complete GRAD 7500 Academic Integrity Tutorial one time. This is a zero (0) credit-hour course intended to introduce students to their basic responsibilities regarding academic integrity and to the resources available to them.

Failure to successfully complete this course within the first term of registration will result in suspension of registration privileges, and ultimately, a failed grade and Required to Withdraw action.

Note:

- Please only register for GRAD 7500 once. Do not register in subsequent terms while admitted to the same degree program.
- Students on an exceptional/parental/regular leave of absence must register in GRAD 7500 upon return from leave if it has not already been completed.
- Students **MUST** complete GRAD 7500 even if:
 - They have already completed the Research Integrity course.
 - They have already completed a similar departmental seminar course.

- Their thesis is in the middle of distribution.
- They are a Visiting, Occasional, or Pre-Masters student.
- A span of time of one (1) or more term(s) separates one graduate degree program from another graduate degree program (for instance, if a student completed GRAD 7500 at the Master's level, took a break of one (1) or more terms and was admitted to another Master's or Ph.D. program)
- Students are not required to complete GRAD 7500 if:
 - They are a Ph.D. student who already completed GRAD 7500 during their Master's program (without a span of time between programs)

Students must register for the course in Aurora in order to access it in UM Learn.

We strongly suggest you review the course instructions prior to starting the course:

http://umanitoba.ca/graduate_studies/htmlmail/Academic_Integrity_Instructions.pdf

FAQs can be viewed at: umanitoba.ca/faculties/graduate_studies/registration/grad7500FAQ.html.

Always remember to plan your program carefully. It is imperative that you ensure you are registering for only those courses that are a major part of your Master's or Ph.D. program. If they are not part of your major program then they should be added through your department/unit office as an Auxiliary course "X", Audit course "A" or an Occasional course "O". If you have questions about this, contact your department/unit. Do not register for more courses than your program allows because you may be assessed extra fees at the time of graduation.

As per SECTION 2: Academic Performance of the Faculty of Graduate Studies Academic Guide

<http://crscalprod.ad.umanitoba.ca/Catalog/ViewCatalog.aspx?pageid=viewcatalog&catalogid=341&chapterid=4090&loaduseredits=False>:

"Students are ultimately responsible for ensuring that they meet all degree and program requirements. The advisor (and if appropriate co-advisor), advisory committee, and unit must ensure that each student follows the guidelines and meets the program requirements. The Faculty of Graduate Studies performs a final check of program requirements for each student just prior to graduation. Students are cautioned, therefore, to periodically check all regulations with respect to the degree requirements. Failure to meet all the requirements will render a student ineligible to graduate."

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 Andrea J. Kailer, B. Comm. (Hons). Confidential Assistant to the Associate Deans & Programs Coordinator.

Seminars

Faculty of Agricultural and Food Sciences (FAFS) Seminar Series 2019-2020 & Department of Plant Science Advanced Plant Science Seminars

Presenter: Dr. Steve Marcroft, Marcroft Grains Pathology, Horsham, Victoria, Australia

Title: The Australian story of blackleg in canola: from crop destruction to 4 million tonnes

Date & time: September 12, 2019, 3:30 – 4:30 pm (refreshments at 3:00 pm)

Location: Carolyn Sifton Theatre, 130 Agriculture Building

Soil Science seminar spinoff

Last year, Assem Hatab presented a "virtual" department seminar via skype. Material from the seminar has now been published in a recent article that can be accessed for free at:

<https://www.sciencedirect.com/science/article/pii/S0264275118310485?dgcid=author>.

Employment



Research Agronomist Opportunity (Term/Contract Position)

Optimizing Nitrogen Management under Conditions of Extreme Moisture

Moisture extremes, both excess and deficit, present a significant challenge for Manitoba's agricultural industry. The direct effects of erratic moisture conditions on crop yield and quality have been a major concern in recent years. Further, extreme moisture conditions create challenges with respect to crop management. One of the key questions from both a production and environmental standpoint is - how can growers best manage nitrogen (N) fertilizer under extreme moisture conditions to meet crop N demands effectively and thereby optimize crop productivity and minimize N losses? The aim of the current project is to refine N fertilization guidelines for Manitoba growers based on the relative risk of extreme moisture conditions.

A Research Agronomist position is available for a highly motivated and data-oriented MSc graduate or soon-to-graduate MSc student in an agriculture-related field who is interested in using weather data to define the probabilities of extreme moisture occurrence and formulate risk levels as they relate to N application practices. The Research Agronomist would work closely with scientists from Manitoba Agriculture and Agriculture and Agri-Food Canada and must have experience in working with large datasets as well as have basic computer programming and statistical analysis skills. Excellent oral and writing skills are imperative. Knowledge of agricultural practices in Western Canada is an important requirement.

The 15-month term position comes with competitive remuneration and it will be located in Winnipeg at the University of Manitoba campus. The application deadline is September 13, 2019 with a proposed position start date of October 7, 2019. A later start date may be accommodated and only those selected for further consideration will be contacted.

To apply, please send via email, a single pdf file containing the following materials

- A cover letter outlining how your experience relates to the position requirements;
- A detailed resume that includes the names of two referees

To: Dr. Timi Ojo
 MB Agrometeorology Specialist
 545 University Crescent
 Winnipeg, Manitoba. R3T 5S6
 Email: Timi.Ojo@gov.mb.ca

Please Use "N Optimization under Extreme Moisture" in the email subject line.

Department Staff Away

Lynda Closson: Sept. 3 – 15

Bo Pan: Sept. 23 – Oct. 23