

# 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/)

**3 November 2017**

### Upcoming:

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.

Wednesday, Nov 15, 10:00 a.m., Room 346 Ellis Building – Department of Soil Science PhD thesis defense, Ikechukwu Agomoh. “Nutrient Dynamics and Phytoextraction in Soils receiving Long-term Manure Application”

Wednesday, Nov 22, 12:30 p.m., Room 346 Ellis Building – Soil Science seminar series. Presenter: Dr. Kevin Baron, Solum Valley Biosciences. Title: My Career in Agriculture: Charting A Path Towards Entrepreneurship.

Friday, Dec 1, 12:30 p.m., Room 346 Ellis Building – Soil Science seminar series. Presenter: Dr. Saman Dharmakeerthi, Dept of Soil Science, University of Peradeniya, Sri Lanka. Title: Organic Carbon Dynamics in Pyrogenic Organic Matter Amended Soils.

### Department Staff Away:

David Lobb	Sabbatical July 01 – December 31, 2017
Mario Tenuta	Sabbatical July 01 – December 31, 2017

### News:

#### *Matt Wood wins award in Tampa*

There is a rumor that Matt Wood won an award for his presentation at the Tri-Society Annual Conference in Tampa last week. Everyone is certain the rumor is true, so congratulations Matt!

### *Farewell Message from Jenn*

"I want to thank everyone who made this job so enjoyable. In the past 4 years, I have met so many people (students, staff, faculty) that have enriched my experience in Soil Science. I hope many of the friendships that were made continue into the future. You will always be my fellow Soilies! Jenn"



### *Valerie Smith schedule*

Valerie Smith, Jennifer's replacement, will be working in the Soil Science General Office on Wednesday through Fridays from 8:30 a.m. to 4:30 p.m. Please give her a warm welcome to the department.

### *CSSS Membership Registration*

The online CSSS 2018 Registration Form is now open. Please click on the link below to register:  
<https://www.regonline.com/CalendarNET/EventCalendar.aspx?EventID=2076813&view=Location>

### *Campus Tree Inventory and Soil Analysis*

The campus space planners and arborist are creating a detailed tree inventory for the Fort Garry campus. They would like to conduct some soil analysis in an effort to determine why trees do not grow well in some areas. Our department has agreed to help with soil sample collection and drying. A sampling plan will be developed this winter and sampling will happen in late May to early June 2018.

This could be an educational opportunity for a group of students, who may be interested in helping with sample collection and interpretation of the results. Please let Paul know about any potential collaborators who might be interested in participating on the project.

### *Hockey Achievement*

Matt Wood is not just an excellent speaker. He coached the APHA WinterHawks 10 A3 hockey team to victory in the 2017 Rob/West Fall Classic last weekend. Brad Sparling's son plays on the team and Brad sent in the photo below. Since coming to Winnipeg, Matt has committed a considerable amount of his free time to coaching kids in baseball and hockey. Well done Matt. Congratulations WinterHawks.



*Paper of the week:*

Xu, S; **Amarakoon, ID**; Zaheer, R; Sura, S; Reuter, T; **Zvomuya, F**; Cessna, AJ; **Larney, FJ**; McAllister, TA.  
Dissipation of antimicrobials and resistance genes in compost originating from cattle manure after direct oral administration or post-excretion fortification of antimicrobials. Canadian Journal of Animal Science 95: 245-245.

## **Opportunities:**

### **Assistant Professor, Precision Agriculture and Field Crop Production, Ontario Agricultural College, Plant Agriculture, Guelph ON**

Although the posted application deadline for this position has passed, applicants with experience in remote sensing and agronomy will still be considered if they can apply right away. More information: [click here](#).

### **Technician III, Crop Production Services (Canada) Inc., Rosebank, Manitoba**

CPS is seeking a Technician (level III) to join our Research and Development team at our Rosebank Research Farm located 15 miles southwest of Carman, MB. As a Tech III, you will work closely with the Research Agronomist to successfully conduct experimental trials predominately in canola breeding but also including other crops such as wheat, barley, soybean and corn. Your knowledge of and experience in small

plot research will help you to excel in this position as you will be responsible for establishing, maintaining and harvesting research trials. Your leadership skills will allow you to effectively manage and train seasonal staff while following all safety procedures and practices.

Duties: Manage, train and oversee safety of summer staff. Maintain, diagnose and repair equipment as needed. Follow procedures, preparation of seed samples, planting, spraying, maintenance and harvesting of research trials, data collection, operating field equipment as well as a truck and trailer. Assists in conducting field tours and provides information on research programs. Some travel will be required.

Qualifications: Diploma in Agriculture, B.Sc. in Agriculture an asset. Related experience and/or farm background an asset but not necessary, attention to detail, organized, safety-oriented, ability to work independently as well as part of a team, valid driver's license and must be willing to obtain Class 3 driver's license. Must be a member of, or eligible for membership in the Manitoba Institute of Agrologists.

To Apply: submit cover letter and resume to [paul.gervais@cpsagu.ca](mailto:paul.gervais@cpsagu.ca). Deadline: Friday, **November 3, 2017**.

### **Research and Development Specialist, Food and Agri-Product Processing, Manitoba Agriculture**

The Research and Development Specialist - Food and Agri-Product reports to the Manager, Research Intelligence. The Specialist leads the department's research and commercial development program in food and agriproduct processing made from primary and secondary agricultural products. The responsibilities of this position are to develop, deliver and administer research and development programs, and to transfer knowledge to advance government priorities in the food and agriproduct processing sector. The specialist brokers, develops, administers and reports on research projects and transfers knowledge to government and industry on the development of research, development and commercialization policies, strategies and programs.

Qualifications:

- Masters of Science or Bachelor in Engineering, Agriculture, or Food Science. An equivalent combination of education and experience may be considered.
- Experience in the regional agriculture products and processing sector including food, nutraceuticals, biofuels and biomaterials
- Knowledge of agriculture including its economic, environmental and rural development aspects
- Experience in inter-disciplinary research
- Knowledge of business in technology commercialization
- Ability to work independently with minimal supervision
- Excellent verbal communication skills
- Excellent written communication skills
- Strong time management and organizational skills with the ability to manage multiple projects and be flexible in response to changing priorities and demands
- Proficiency in Microsoft applications (Word, Excel, PowerPoint, Outlook)
- Effective interpersonal skills with the ability to maintain positive working relationships with various stakeholders

Apply to: Advertisement No. 33491.

Human Resource Services, 608-330, Portage Avenue, Winnipeg, MB, R3C 0C4, Phone: 204-945-4394, Fax: 204-948-2193 Email: [govjobs@gov.mb.ca](mailto:govjobs@gov.mb.ca). More info: <https://jobsearch.gov.mb.ca/search.action>.

## Events:

### **Manitoba Agronomists Conference, Dec 13-14, 2017, University of Manitoba**

Call for Posters: All posters are welcome (NOT ONLY RESEARCH – ALSO SUCCESSFUL EXTENSION CRUSADES!!!!), but space is limited so posters will be accepted on a first come, first serve basis.

Send all submissions to [mbagconf@umanitoba.ca](mailto:mbagconf@umanitoba.ca).

#### DEADLINES:

November 13 - Submission of poster title and 25-word summary

November 20 - Submission of abstract for Program using the format shown on poster submission webpage.

December 1 - Electronic pdf copy of poster submitted for webcast viewers and publication in Proceedings.

Deadlines, formatting instructions, maximum printed poster size and printing services information are available on the website at: [http://umanitoba.ca/faculties/afs/agronomists\\_conf/poster\\_submission.html](http://umanitoba.ca/faculties/afs/agronomists_conf/poster_submission.html).

All poster presenters will be offered a 30 second oral "poster pitch" between speakers at the conference. This will be a very short opportunity to alert participants of the high points of your poster and entice them to the poster room.