

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

5 February 2016

Upcoming:

Wednesday, February 10, 12:30 p.m., Room 346 Ellis Building – Soil Science seminar series. Dr. Paul Bullock, Department of Soil Science. “Salt + Mud + Satellites + Weather = A Career in Soil Science”.

Wednesday, February 24, 12:30 p.m., Room 346 Ellis Building – Soil Science seminar series. Dr. Annemieke Farenhorst, Department of Soil Science. Title: TBA.

Friday, February 26, 9:30 a.m. – Soil Science M.Sc. Thesis Defense, Room 346 Ellis Building. Jolene Rutter. “Measurement of greenhouse gas and nitrogen gases losses during cold weather composting of separated pig slurry solids”.

Department Staff Away:

Tim Stem will be away most Fridays for the next few weeks.

News:

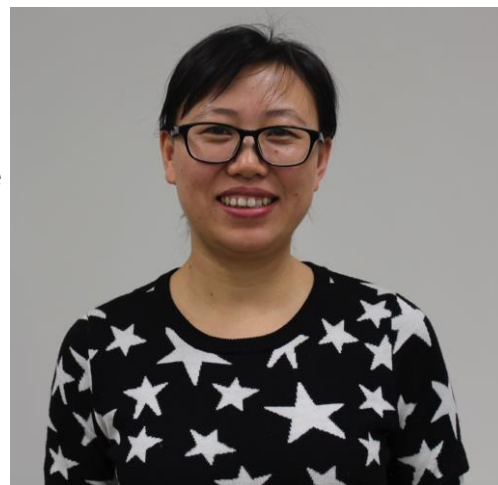
The 2015 Geza and Trudi Racz Scholarship in Soil Science award reception



Geza and Trudi Racz presented Jeff Seward with a plaque for the 2015 Geza and Trudi Racz Scholarship in Soil Science. The presentation was at a reception in the Ellis Building on February 3.

Jeff is expecting to start a M.Sc. at the University of Guelph in May.

We extend a warm welcome to Dr. Xiaofeng Wang, a Visiting Researcher in our department, who will spend the next 12 months working with Francis Zvomuya's group. Xiaofeng is an instructor in the College of Geography and Environment, Shandong Normal University, Jinan, Shandong Province, PR China. She obtained her Ph.D. in Ecology from the College of Resource and Environment, China Agricultural University. She also holds an M.Sc. in Plant Nutrition from the same college, and a B.Sc. in Agronomy from Laiyang Agricultural College, Laiyang, China. Xiaofeng's research interests include heavy metal sorption by nanoparticles, remediation of DDT-contaminated water using advanced oxidation techniques, environmental effects of nanoparticles used in soil remediation, and nitrogen fertilizers in cropping systems. Her office is on the second floor of Ellis Building in Room 321.



Cindy Grant, Soil Science adjunct and superstar! (story below from the Neepawa Press by Kira Paterson)

The story at the link below is from the Neepawa Press by Kira Paterson. It is an excellent dedication to one of the adjunct professors in Soil Science, Dr. Cynthia Grant. The department is very fortunate to have Dr. Grant as one of our adjuncts to share her knowledge with our students and staff. She received 4 awards in 2015.

<http://www.mywestman.ca/community-news/4801-local-agronomist-recognized-for-outstanding-work>

Paper of the week:

Ige, D. V., **Sayem, S. M.** and **Akinremi, O. O.** 2015. Nitrogen mineralization in beef- and pig-manure-amended soils measured using anion resin method. *Can. J. Soil Sci.* 95: 305-319.

The new FGS Summer Term Registration

There have been a number of inquiries at FGS about the new Summer Term registration. They have created a FAQ page to assist in this regard, which can be found at:

http://umanitoba.ca/faculties/graduate_studies/registration/summerregFAQ.html.

Opportunities:

Mitacs Elevate is now accepting applications for two-year postdoctoral funding

- \$55,000 annual award (plus \$7,500 per year non-cash value in training)
- Customized training exclusive to Elevate fellows
- Long-term collaborative research project with a non-academic partner

Deadlines:

- Letter of intent: March 23, 2016, at 5 p.m. PDT
- Application: April 6, 2016, at 1 p.m. PDT
- Results announced: June 2016
- Projects must start by September 15, 2016

Further information:

http://www.mitacs.ca/en/programs/elevate?utm_source=Mitacs+Calls+for+Proposals&utm_campaign=b720967cd8-Mitacs-Elevate-Call-Feb2016&utm_medium=email&utm_term=0_4fbc5a07d9-b720967cd8-100135389

Research Technicians, Department of Plant Science, University of Manitoba

The Agronomy and Farming Systems Program led by Dr. Yvonne Lawley in the Department of Plant Science at the University of Manitoba is hiring two research technicians. Applications for both positions will be accepted until **February 12, 2016**.

Small Plot Research Technician (Position Number 20169)

This field technician will work as part of a research team to lead small plot agronomy research trials. The position will be based out of Winnipeg, MB. This position is grant funded and will end with the conclusion of the grant in March of 2018. The ideal candidate would have a BSc or MSc in an agriculture related discipline, experience with agronomic research and experimental design, experience with plot scale agricultural equipment, and experience with soybean and corn agronomy. For more information and to apply: https://umanitoba.hua.hrsmart.com/ats/js_job_details.php?reqid=13057.

On-Farm Research Technician (Position Number 20194)

This field technician will work as part of a research team to lead on-farm research trials across Manitoba on corn and soybean residue management. The position will be based out of Winnipeg, MB. This position is grant funded and will end with the conclusion of the grant in March of 2017. The ideal candidate would have a BSc or MSc in an agriculture related discipline, experience with agronomic research and experimental design, experience with farm scale agricultural equipment, and a keen interest to work with farmers. For more information and to apply: https://umanitoba.hua.hrsmart.com/ats/js_job_details.php?reqid=13519.

Irrigation Management Specialist, Alberta Agriculture and Forestry, Lethbridge, AB

Alberta Agriculture & Forestry is seeking an Irrigation Management Specialist to be located in Lethbridge, Alberta. Applications for this position will be accepted until **February 12, 2016**.

Qualifications:

A university degree in agriculture or a related discipline, with specialization in soil science, plant science, agronomy, or irrigation science and three years of related experience is required. Experience with technology transfer methods, field research fundamentals, and project planning and implementation is needed. Knowledge of and experience with Alberta's current irrigation water management practices, center pivot irrigation equipment, and local irrigated crops are required. Irrigation experimental design, computer modeling, and statistical analysis and interpretation will be considered assets. Excellent English written

and verbal communication skills and the ability to work in a team environment are essential. Eligibility for membership with the Alberta Institute of Agrologists (AIA) is essential. Equivalencies will be considered. Candidates that do not meet the qualifications may be considered at a lower salary and classification.

For a complete list of applicant responsibilities and activities, please see the detailed job description (Job ID: 1033993) posted on the Government of Alberta's Job Opportunities web site: (<https://www.jobs.alberta.ca/>).

Farm Manager, HCI Farms Indian Head Ltd., Indian Head, SK

HCI Farms Indian Head Ltd is an actively operating farm business, owned by and part of the Hokanson Capital Investment (HCI) line of businesses. Located at Indian Head, Saskatchewan, on some of the most productive soils of Western Canada, the HCI Indian Head Farm is a grain operation consisting of more than 14,000 cultivated acres growing a variety of crops including cereals, oilseeds, pulses and specialty crops.

HCI is presently searching for a full time Farm Manager to oversee the day to day operations of the farm. Duties include annual crop planning and budgeting, managing and supervising 10-12 farm staff, maintaining accurate and up to date farm records, crop scouting and crop input decisions, maintenance of farm machinery and buildings, helping out with farm operations as well as all other duties associated with managing a modern, innovative and profitable farming business.

Applicants should have a minimum of 5 years of farm experience and ideally past farm management experience. This position requires registration with the Agrologists Institute in Saskatchewan. Strong interpersonal, communication, organizational and computer skills are a requirement.

The farm manager position for HCI Farms Indian Head Ltd is a full time position offering a very competitive compensation package including health and insurance benefits.

The farm manager position is open for immediate hire. All applications must be received by no later than **February 26th, 2016** and directed to: Brent Kennedy, General Manager, HCI Ventures Ltd, 204-4303 Albert St, Regina, SK, S4S 3R6, Email: bkennedy@hciventures.ca, Phone: 1-306-539-8918.

Field Representative/Agronomist, McCain Foods, Carberry, MB

Reporting to the Manager, Field Department Manitoba with a secondary reporting to the Manager of Midwest Agronomy, The Field Representative/Agronomist is responsible for the management of a set of growers, working with them to optimize supply, cost and quality for the facility. This person will be the key point of contact between a set of growers and plant operations, as well as the McCain Agronomy team. This individual must be comfortable meeting with growers and industry groups on farms, facilitating grower extension, as well as communicating with and between grower and company personnel. This role includes a combination of responsibilities in three key categories: Food safety, grower relations/Management and agronomy. The role includes field and office work as well as working with the production facility.

Qualifications:

Have the ability to read and interpret documents such as safety rules, operating and maintenance instructions, and procedure manuals. Have the ability to write routine reports and correspondence. Have the ability to speak effectively before groups of suppliers or coworkers in the organization.

Education and/or Experience:

- Minimum Bachelor of Science in Agriculture or science related field; knowledge of the potato industry would be beneficial.
- Self-starter with good interpersonal and presentation skill (talking, writing, reasoning).
- Excellent communication skills are necessary.

Required Competencies:

- Strong PC skills, MS Office Suite
- A strong bias towards workplace safety

The following skills would be an asset:

- Competent skill set in Potato Data Base (PDB) and Potato Contracting & Receiving (PC&R), and GMS
- Successful completion of McCain Code of Conduct training
- Successful completion of Annual HACCP training
- Successful completion of Annual Sexual Harassment Awareness training

Apply to: Megan Costigan, Sr. Manager Human Resources, McCain Foods, megan.costigan@mccain.com.

Events:

50th CMOS Congress & joint CGU Annual Meeting, May 29 - June 2, 2016, Fredericton, NB

The theme of the congress is "Monitoring of and Adapting to Extreme Events and Long-Term Variations". The congress will bring together a wide range of scientists and other professionals from across Canada and other countries with a focus on topics in atmospheric, ocean and earth sciences.

Abstract submissions are now open! Submission deadline: **Feb 15, 2016**.

More information: http://congress.cmos.ca/site/congress_home.