

CWSE-Prairies Newsletter

December 2011
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*The goal of the
NSERC CWSE – Prairies*

*is to develop and successfully lead
strategic activities that promote
greater opportunities for women,
particularly Aboriginal women, in
science and engineering across the
Prairie Region.*

The Chair Announcement November 10, 2011

The Chair position was announced at the University of Manitoba on November 10, 2011 in the Migizii Agamik.

Speakers were Ms. Isabelle Blain Vice-President, Research Grants and Scholarships, Natural Sciences and Engineering Research Council of Canada (NSERC), and University of Manitoba Dr. Digvir Jayas, Vice-President (Research and International), Dr. Karin Wittenberg Associate Dean (Research) Faculty of Agricultural & Food Sciences, and Dr. Annemieke Farenhorst, NSERC Chair for Women in Science and Engineering in the Prairie Region.



The Chair announcement was highlighted in the media:

Research Chair: Women in Science and Engineering • November 10, 2011 • University of Manitoba News Room
<http://umanitoba.ca/news/blogs/blog/2011/11/10/research-chair-women-in-science-and-engineering/>

Research Chair To Benefit Women • November 11, 2011 • Manitoba Chamber of Commerce
<http://www.mbchamber.mb.ca/2011/11/research-chait-to-benefit-women/>

RESEARCH CHAIR to benefit women • November 11, 2011 • Nation Talk
<http://www.nationtalk.ca/modules/news/article.php?storyid=48629>

Dr. Annemieke Farenhorst-University of Manitoba • November 15, 2011 • Federal University Info
<http://www.federaluniversityinfo.com/dr-annemieke-farenhorst-university-of-manitoba/>

U of M prof named new NSERC chair • November 17, 2011 • Local News Briefs, The Manitoban
<http://www.themanitoban.com/articles/49887>

New Science Chair To Encourage Women • November 17, 2011 • AgCanada
<http://www.agcanada.com/Article.aspx?ID=42466>

Dr. Annemieke Farenhorst Named NSERC Chair for Women in Science and Engineering • November 21, 2011 • University news
<http://www.universitynews.org/f2ShowScript.aspx?i=23706&q=Dr.+Annemieke+Farenhorst+Named+NSERC+Chair+for+Women+in+Science+and+Engineering>

New 'women in science and engineering' chair to focus on Aboriginal women • November 24, 2011 • The Bulletin
http://myuminfo.umanitoba.ca/Documents/4303/November_24_2011_Bulletin_web.pdf

Soil Scientist Named as NSERC Chair for Women in Science and Engineering • November 2011 • AIC Monthly Report
<http://archive.constantcontact.com/fs076/1101807863158/archive/1108862952868.htm>

President's message • November 2011 • CSSS newsletter
<http://www.csss.ca/images/newsletters/newsletter2011nov.pdf>



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On The Internet!

Our web-site, <http://cwse-prairies.ca/>, was launched November 10, 2011. We are using website statistics (metrics) to obtain numbers on Visits, Unique Visitors, Referrers, Average Time Spent, Bounce Rate, and Repeat Visits. These numbers will help to further refine the website and optimize it for its user group.

We also launched a CWSE-Prairies Facebook (accessible through the web-site) that is open to the general public. Although everyone can read the contents of the CWSE-Prairies Facebook, only those with their own Facebook accounts can post comments.

As another method of reaching the public through social media, we have also created a twitter account: @CWSE_Prairies. This account will be utilized to inform people of our events, and activities, as well as share links to articles and webpages.



Women in Agriculture Roundtable Discussion

On December 6, 2011, the Agricultural Institute of Canada (AIC) and the NSERC-CWSE-Prairies hosted a roundtable discussion for academic and professional women working in agricultural sciences in Manitoba. About 30 women participated in the discussion, which was held from 2-5 pm in the Bruce D. Campbell Farm and Food Discovery Centre. The purpose was to:

1. Explore the views of women working in agricultural sciences on, for example, career options, research, professionalism, mentorship, work-life balance and networking.
2. Report on the actions already taken by the AIC and the NSERC-CWSE-Prairies to raise awareness about gender equality and equity in agricultural sciences.
3. Listen to each other's ideas on how to assist women in Manitoba working in professional agricultural sciences.



A document summarizing the discussion is being prepared for distribution to participants and posting on social media.

Holiday Pork Loin with Fruit and Nut Stuffing (YIELD: 8 servings)

- 2 lb Boneless pork loin centre roast
- 2/3 cup Each, orange juice, chicken broth
- 1 tbsp Molasses
- 1/4 cup Light Cream



- Stuffing:
- 1/2 cup Coarsely chopped pitted dates
 - 1/4 cup Coarsely chopped dried apricots
 - 1/4 cup Finely chopped pecans
 - 1 clove Garlic, minced
 - 1 1/2 tsp Dried thyme
 - 1 tbsp Molasses
 - 1/4 tsp Pepper

Combine stuffing ingredients; set aside.

Double-butterfly the pork roast. Stuff and tie. Place loin in small roasting pan. Combine orange juice, broth and molasses. Bring to a boil, pour over roast. Roast, basting occasionally, at 350°F (180°C) for 1 hour, or until internal temperature registers 155 - 160°F (68 - 70°C).

Remove roast from pan; reserve drippings. Cover roast loosely; let rest 10 minutes. Meanwhile, add cream to pan drippings. Cook over medium-high heat, stirring constantly, until slightly thickened. Slice pork. Drizzle with sauce and serve.

Recipe courtesy of <http://manitobapork.com/>

Sapotaweyak Cree Nation

Linkages were established with the Sapotaweyak Cree Nation Health Authority as well as the Water Rights Research Consortium which is administered by the Centre for Human Rights Research at University of Manitoba. A project was developed aimed at empowering First Nations youth to have a stronger voice in ensuring access to clean water. To seek collaborations and funding for this project the Sapotaweyak Cree Nation Health Authority, the Water Rights Research Consortium and the Chair:

1. established a team of 20 people (Sapotaweyak Cree Nation community members, and staff and researchers from the Centre for Human Rights Research, Clayton H. Riddell Faculty of Environment, Earth, and Resources, Faculty of Agricultural and Food Sciences, Faculty of Engineering, Faculty of Medicine, Faculty of Science and Manitoba First Nations Centre for Aboriginal Health Research), and;
2. Developed and submitted a proposal to the Drinking Water Quality Program administered by Health Canada.

The proposal would facilitate the engagement of students at the Neil Dennis Kematch Memorial School, Sapotaweyak Cree Nation, in both Indigenous and academic perspectives on drinking water, including what water quality is, why water quality is important, and how they can design their own studies to monitor the quality of water in Sapotaweyak Cree Nation. The high school students would receive hands-on experience through their science curriculum on a wide range of monitoring equipment, including analytical equipment made available to their school, and equipment in laboratories at the University of Manitoba. In addition, the students would learn how to work with two accredited laboratories located in Winnipeg.

The research team believes that this project will strengthen drinking water monitoring expertise in First Nations communities, both in the short-term and long-term. For example, the students would not only measure and evaluate drinking water quality in their own community, but some of them may be inspired to pursue careers in water monitoring and treatment.

Contact us

Do you want to collaborate with us and co-host an event for women in science and engineering? Do you want to work with us to enable more Aboriginal women to consider careers in Science, Technology, Engineering and Math (STEM)? Do you have ideas how to encourage more high school girls to consider careers in STEM? Do you want to become a mentor for women in STEM? Please contact us: cwse_prairies@umanitoba.ca

Video

Jen Storm, University of Manitoba Aboriginal Recruitment Officer, and the Chair are in the process of creating a video that celebrates Aboriginal culture and programs at the UM, while promoting science and engineering programs to Aboriginal high school students. For example, the video will feature the 22nd annual Traditional Graduation PowWow held on the University of Manitoba campus.



Welcome to the Team

The Chair office welcomes the following new people to the program:



Jenna O. Rapai
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The five current NSERC-CWSE are:

Atlantic

Dr. Tamara Franz-Odendaal

Quebec

Dr. Nadia Ghazzali

Ontario

Dr. Catherine Mavriplis

Prairie

Dr. Annemieke Farenhorst

British Columbia and Yukon

Dr. Elizabeth Croft



Picture shows the five current Chairs across Canada, Valerie Davidson, the previous Chair of Ontario (wearing a scarf), and Enikö Megyeri-Lawless, Director, Research Grants, Engineering (right in front row).

NSERC Chairs for Women in Science and Engineering

The five current NSERC-CWSE, the previous Chair of Ontario and NSERC staff met on November 2 and 3, 2011 in Guelph, Ontario. The agenda included CWSE network research projects, CCWESTT 2012 (see poster at left), Information Sharing Portals, collaborations with NSERC Chairs for Design Engineering, and other. In addition, a celebration was held at the University of Guelph for Valerie Davidson who completed an 8-year term as the NSERC-CWSE for Ontario on August 31, 2011. Thank you for your hard work, Valerie! The new NSERC-CWSE for Ontario is Catherine Mavriplis, University of Ottawa.



The CWSE-Prairies \$500 (cash prize) logo contest

All high school (grades 7 to 12, inclusively), college and university students in Manitoba, Saskatchewan and Alberta are encouraged to enter the CWSE-Prairies logo contest. Five concepts have been identified as being at the core of the Chair program: Women; Aboriginal Culture; Science and Engineering, Celebration of Diversity; and the Prairie Landscape.

The logo's symbology should integrate these four concepts into one. The winning logo will be used on the program website and on selected promotional materials that will be distributed by the NSERC-CWSE-Prairies. Entries may be submitted on or before January 15, 2012 to the front desk of the Migizii Agamik on the Fort Garry Campus of the University of Manitoba (Deadline January 15, 4pm), or can also be submitted electronically to cwse_prairies@umanitoba.ca (Deadline January 15, 11:59pm).

Picture (right) shows one of the posters advertising the \$500 logo contest of the CWSE-Prairies. For more information about the logo competition, check our [CWSE-Prairies website](http://www.cwse-prairies.ca). If you require hardcopies of the posters for your school, department or faculty, please contact cwse_prairies@umanitoba.ca.

