

Growing knowledge for the future

25th Annual Plant Science Graduate Students' Symposium



25
Silver Jubilee Year

University of Manitoba, Winnipeg, Canada
March 13-14 (Fri - Sat), 2009

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Symposium Agenda

Date	Time	Particulars	Venue
Friday, March 13	12:00 pm - 1:00pm	Registration and presentation upload	Plant science atrium
	1:00pm - 1:45pm	Lab tours in plant science building	Meet at the atrium
	1:45pm - 2:00pm	Group photo session	Plant science atrium
	2:00pm - 5:15pm	Pre-symposium tours	Leaving from the atrium
	5:30pm - 7:30pm	Opening reception and welcome dinner	Triple B's
	8:00pm - 10:00pm	Indoor night event	Academy street
	Saturday, March 14	7:30am - 8:15am	Breakfast
8:15am - 8:30am		Symposium opening remarks	Plant science atrium
8:30am - 10:00am		Session I - Agronomy and Physiology	Carolyn Sifton theatre
		Concurrent session I - Plant Pathology	138, Agriculture building
10:00am - 10:30am		Health break	Plant science atrium
10:30am - 12:00		Session II - Agronomy and Physiology (continued...)	Carolyn Sifton theatre
		Concurrent session II - Plant Pathology (continued...)	138, Agriculture building
12:00pm - 1:00pm		Symposium luncheon	Plant science atrium
1:00pm - 2:45pm		Session III - Plant Breeding	JRI auditorium
2:45pm - 3:15pm		Health break	Plant science atrium
3:15pm - 4:45pm		Session IV - Genomics and Molecular Biology	JRI auditorium
6:00pm - 9:00pm	Banquet and awards reception	University club, Pembina hall	

Symposium Program

Saturday, March 14, 2009

Session I: Agronomy and Physiology
Venue: Carolyn Sifton Lecture Theatre

Time	Presenter	Title
8:30	Fernando Eckert, North Dakota State University	The effects of row spacing and nitrogen fertilization on yield response of pinto bean varieties under conditions of direct harvest
8:45	Nicole Seerey, University of Saskatchewan	Effect of secondary dormancy trait segregation in volunteer <i>Brassica napus</i> populations
9:00	Harun Cicek, University of Manitoba	Ecophysiology and agronomic benefits of selected cool and warm season legume cover crops grown for organic winter cereal in southern Manitoba
9:15	Dilshan Benaragama, University of Saskatchewan	Use of genotypic variation of oat (<i>Avena sativa</i> , L.) cultivars to suppress wild oat (<i>Avena fatua</i> , L.) competition
9:30	Mohammad Adil Choudhry, University of Saskatchewan	Enhancing maturity in lentil by nitrogen management
9:45	Anne Kirk, University of Manitoba	Wheat Breeding for Organic Production – Is it beneficial?

Health break: 10:00 to 10:30am
Venue: Plant Science Atrium

Concurrent session I: Plant Pathology
Venue: 138, Agriculture Building

Time	Presenter	Title
8:30	Tyler Guerrieri, University of Manitoba	The effect of three different spray inoculation protocols on FHB infection of cultivars of common wheat and durum wheat
8:45	Maryam Rezaey, University of Manitoba	Cytological studies on necrotic and chlorotic lesions induced by <i>Pyrenophora tritici-repentis</i> on wheat
9:00	Aurelie Cohen-Skali, University of Saskatchewan	Lentil anthracnose: virulence of <i>Colletotrichum truncatum</i>
9:15	Holly Taylor, University of Manitoba	The role of abscisic acid (ABA) and other phytohormones in defense signaling in the <i>Solanum tuberosum</i> - <i>Verticillium dahliae</i> interaction
9:30	Yueqiang Leng, North Dakota State University	Development of transformation and RNA-mediated gene silencing systems for functional genomics of <i>Cochliobolus sativus</i>
9:45	Silvia Barcellos-Rosa, University of Manitoba	Toropi as a source of leaf rust resistance genes

Health break: 10:00 to 10:30am
Venue: Plant Science Atrium

Session II: Agronomy and Physiology
Venue: Carolyn Sifton Theatre

Time	Presenter	Title
10:30	Nityananda Khandal, University of Saskatchewan	Chlorophyll fluorescence imaging: an alternative tool for assessing the survival of plants after exposure to freezing temperature
10:45	Jin Li, University of Saskatchewan	Determining germination thresholds in the mixed-grass prairie using modeling approach and their implications to global change: a FACE study
11:00	Muthukumar Bagavathiannan, University of Manitoba	Feral alfalfa and its implications for novel trait confinement
11:15	Rohit Dhanda, University of Saskatchewan	Fatty acid composition in diverse oat germplasm
11:30	Iris Vaisman, University of Manitoba	Reducing tillage in organic agriculture on the Canadian prairies
11:45	Teresa Sutanto, University of Manitoba	Propagation studies of sugar maple (<i>Acer saccharum</i>)

Symposium Luncheon: 12:00 to 1:00 pm
Venue: Plant Science Atrium

Concurrent Session II: Plant Pathology
Venue: 138, Agriculture Building

Time	Presenter	Title
10:30	Victoria Gauthier, University of Manitoba	Effects of 3-ADON and 15-ADON chemotypes of <i>Fusarium graminearum</i> on spring wheat
10:45	Jennifer Menat, University of Saskatchewan	Mating system of <i>Colletotrichum truncatum</i> , the causal agent of lentil anthracnose
11:00	Maryam Rezaey, University of Manitoba	Simulating pathogen population shifts of <i>Pyrenophora tritici-repentis</i> on different Canadian wheat cultivars
11:15	Nitin Mittal, North Dakota State University	Characterization of the secreted proteome of <i>Ascochyta rabiei</i>
11:30	Li Ru, University of Manitoba	Assessment of the biocontrol resources of <i>Pseudomonas</i> species antagonism towards <i>Sclerotinia sclerotiorum</i> (Lib.) de Bary under different cropping systems
11:45	Ravneet Behla, University of Manitoba	Identification of quantitative trait loci for resistance against <i>Sclerotinia</i> stem rot in <i>Brassica napus</i> L.

Symposium Luncheon: 12:00 to 1:00 pm
Venue: Plant Science Atrium

Session III: Plant Breeding
Venue: JRI Auditorium

Time	Presenter	Title
1:00	Paul Werner, North Dakota State University	Genetics of pre-harvest sprouting in barley
1:15	Adithya Ramachandran, University of Saskatchewan	Carotenoid accumulation during grain fill in durum wheat
1:30	Junyun Yang, North Dakota State University	Identification of early maturing inbred lines and hybrids with fast rate of dry down
1:45	Meghan Rose, University of Manitoba	Characterization of the Agp-L locus in winter and spring wheat varieties
2:00	Eder Mantovani, North Dakota State University	Genetics studies on kernel and spike morphology in spring wheat (<i>Triticum aestivum</i> L.)
2:15	Hongzia Wang, North Dakota State University	Identification of molecular markers linked to x-disease resistance in choke-cherry
2:30	Yuanjie Su, North Dakota State University	The impact of breeding for drought tolerance in corn

Health break: 2:45 to 3:15 pm
Venue: Plant Science Atrium

Session IV: Genomics and Molecular Biology
Venue: JRI Auditorium

Time	Presenter	Title
3:15	Arvind Hirani, University of Manitoba	Regulation of aliphatic glucosinolates biosynthesis in <i>Brassica</i> by gene replacement
3:30	Guojia Ma, North Dakota State University	Cloning and characterization of the meiotic genes <i>Rec8</i> and <i>Cdc5</i> in wheat
3:45	Alain Ngantcha, University of Saskatchewan	DNA fingerprinting and assessment of genetic diversity among 35 biomass willow clones
4:00	Mohammad Tahir, University of Saskatchewan	Galactinol synthase activity in lentil seeds with contrasting raffinose family of oligosaccharides profiles
4:15	Andrej Noyszewski, North Dakota State University	Mitochondrial Sequence Similarity and Gene Expression Analysis in Alloplasmic Durum Wheat
4:30	Mohamed Elhiti, University of Manitoba	Molecular regulation during shoot apical meristem formation in canola microspore-derived embryos

Banquet and Awards Reception: 6:00 to 9:00pm
Venue: University Club, Pembina Hall

Driving directions from CanadInns hotel

Get Directions [My Maps](#)

A 1824 Pembina Highway, Winnipeg, MB R3T 2G2

B 66 dafoe road, winnipeg

Add Destination · Show options

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Driving directions to 66 Dafoe Rd, Winnipeg, MB, Canada

3.1 km – about 7 mins

A Canad Inns-Fort Garry
1824 Pembina Highway
Winnipeg, MB R3T 2G2, Canada

1. Head north on Pembina Hwy toward Adamar Rd	0.2 km
2. Make a U-turn	0.8 km
3. Turn left at University Crescent	1.3 km
4. Slight right to stay on University Crescent	0.5 km
5. Turn left at Dafoe Rd <small>Destination will be on the right</small>	0.3 km

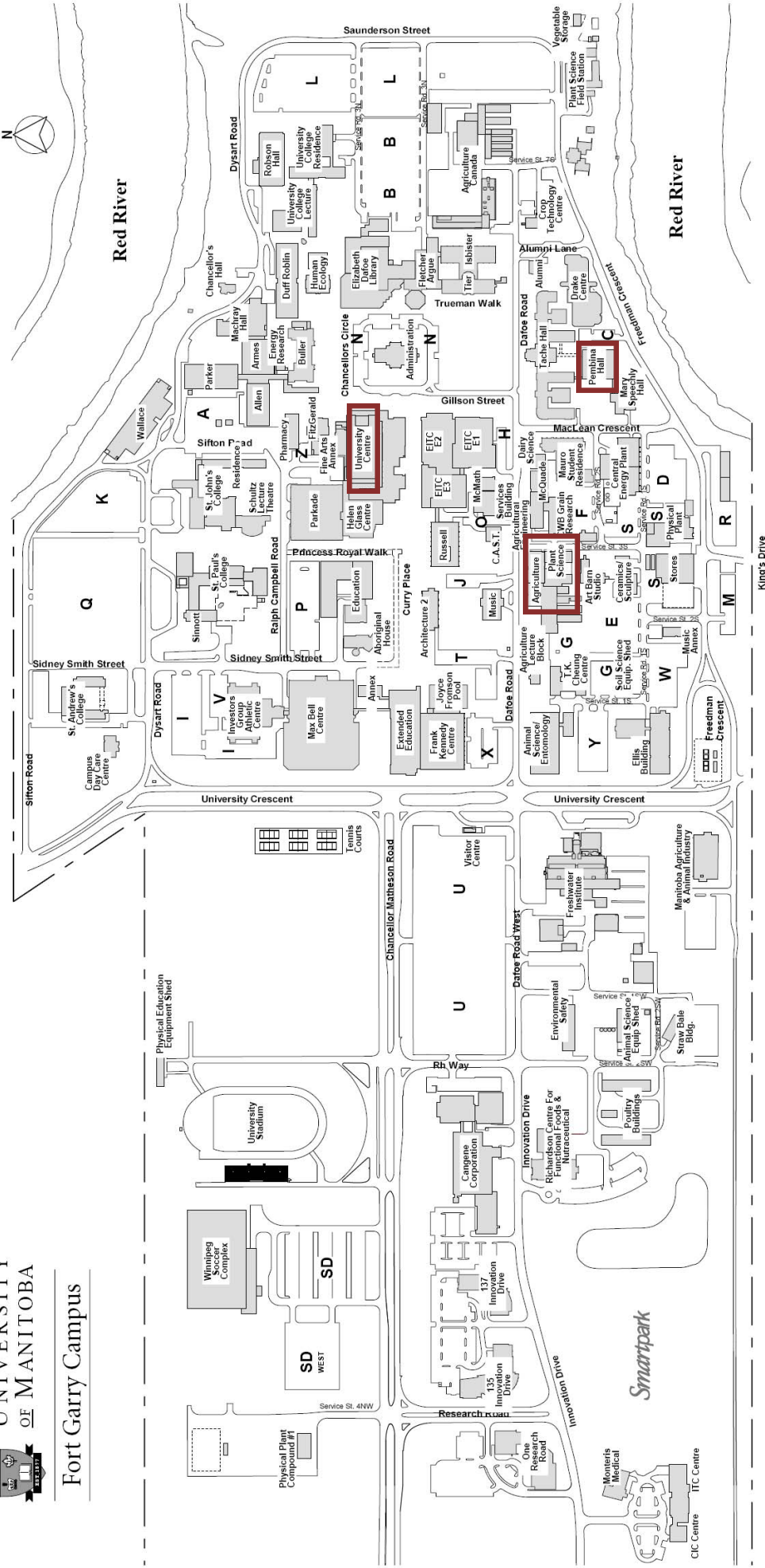
B 66 Dafoe Rd
Winnipeg, MB, Canada

These directions are for planning purposes only. You may find that construction impacts traffic, weather or other events may cause



UNIVERSITY OF MANITOBA

Fort Garry Campus



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Physical Plant 89 Freedman Crescent Winnipeg, MB

February, 2008