

PLSC 790 - Graduate Seminar Spring 2004 Schedule

Loftsgard 114 @ 3.30 p.m.

Date	Speaker	Topic	Advisor
Feb. 20	Jamie Kloster	Timing of Weed Removal to Avoid Yield Loss from Early Season Competition	Dr. Howatt
Feb. 27	Dr. Joe Zeleznik	North Dakota Forestry? YES!	
Mar. 5	Dr. Mike Foley	Progress Toward Positional Cloning of Seed Dormancy QTLs from Weedy Rice (<i>Oryza sativa</i>)	
Mar. 12	William Werk	Purple Loosestrife Biology and Control	Dr. Lym
Mar. 19	Spring Break		
Mar. 26	Christopher Johnson	Targeted Plant Transformation Through Homologous Recombination	Dr. Kianian
Apr. 2	Rachel McArthur	RNAi - Plant Micro RNAs and their Targets, Overcoming and Exploiting RNA Silencing	Dr. Horvath
Apr. 9	Holiday/Recess		
Apr. 16	John Eidenshink	Using Comparative Genetics to Construct a Phylogentic Tree and Predict Geographical Area of Origin of Soybean	Dr. McClean
Apr. 23	Marcelo Melani	Assumptions Associated with Marker Assisted Selection	Dr. Helms
Apr. 30	Dr. Khwaja Hossain	Molecular Marker Development and Utilization in Plant Genome Mapping	
May 7	Dr. Deying Li	The Turf Industry Yesterday, Today, and Tomorrow - Role of NDSU's Turf Program	

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Sep. 17	John Davies	Nitrogen Fixation in Grasses: Realistic Potential or Pipedream	Dr. Meyer
Sep. 24	Vijaya Varanasi	CyclinD3;1 – A Link Between Cell Division and Differentiation	Dr. Chao
Oct. 1	Juan Osorno	Interspecific Crosses for the Improvement of Dry Beans: Achievements and Difficulties	Dr. Grafton
Oct. 8**	Rebekah Oliver	Recent Insights into the Effects of Polyploidization	Dr. Lee
	Jamie Rust	Molecular Marker Diversity and Genetic Variance	Dr. McClean
Oct. 15**	Diego Vilaro	Challenges in Marker Assisted Selection of Complex Traits	Dr. Helms
	Melissa Huhn	Onion Production – Day Length and Bulbing	Dr. Hatterman-Valenti
Oct. 22	Kiran Oberoi	Single-Nucleotide Mutations for Plant Functional Genomics	Dr. Farris
Oct. 29	Ajay Jha	Physical Mapping using 'Fish'	Dr. Cai
Nov. 5	Marcelo Melani	Improving Sunflower using its Wild Relatives	Drs. Miller and Seiler
Nov. 12	Suresh Bhamidimarri	Genetics of Tissue Variegation	Dr. Dai
Nov. 19	Paula Petersen	Mechanism of Glyphosate Resistance	Dr. Howatt
Nov. 26	Thanksgiving Break		
Dec. 3	Lisa Dahl	Control of Brown Patch Disease in Kentucky Bluegrass Lawns	Dr. Li
Dec. 10	Nfn Leela	VIGS (Virus Induced Gene Silencing) and PTGS (Post Transcriptional Gene Silencing)	Dr. Dahleen

*** There will be two graduate seminars presented on October 8 and 15 starting at 3.00 p.m.*

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Jan. 21	John Davies	Beyond a Difficult Union: the Rye Translocations in Wheat	Dr. Mergoum
Feb. 4	Diego Vilaro	Expanding the agriculture frontier: The Cerrados of Brazil case	Drs. Clambey & Zeleznik
	Leela Reddy	Transposable element contributions to plant gene and genome revolution	Dr. Cai
Feb. 11	Gauri Nazre	Invasive weeds in a greenhouse world	Dr. Clambey
	Rongshuang Lin	DArT application in crop improvement	Dr. Chao
Feb. 18	Xunfen Chen	Domestication of Maize	Dr. McClean
	Zhiwei Chen	Strategies for developing resistance to Late Blight in Potato	Dr. Thompson
Feb. 25	Vijaya Varanasi	Cluster roots - An adaptation to counter Phosphate and Iron deficiencies in soil	Dr. Li
	Lesley Lubenow	Environmental and disturbance impacts on suckering woody plants	Dr. Smith
Mar. 4	Sunil Kumar	Mitogen Activated Protein Kinase (MAPK) pathway in plant defense signaling	Dr. Kianian
	Sung Eun Lee	Performance of seedling-grafted vegetables under stressful environmental conditions	Dr. Hatterman-Valenti
Mar. 11	Robbie Hulthusen	Nonchemical factors that influence Glyphosate efficacy	Dr. Howatt
	Brian Otteson	Influence of weed density on crop performance	Dr. Berglund
Mar. 18	Spring Break		
Mar. 25	Good Friday		
Apr. 1	Aruna Kandikonda	Genomic approaches for studying weed biology	Dr. Horvath
Apr. 8	Chelsea Juricek	Biology and control of Japanese Knotweed (<i>Polygonum cuspidatum</i>)	Dr. Messersmith
	Carrie Schumacher	Root induction, initiation, and growth of newly transplanted rootstock	Dr. Smith
Apr. 15	McDonald Jumbo	Soybean cyst management and crop rotation	Dr. Helms
Apr. 22	Shipra Mittal	Centromere: an essential part of a eukaryotic chromosome	Dr. Cai
	Sujan Mamidi	Candidate gene analysis of quantitative disease resistance loci	Dr. Cai
Apr. 29	Nyle Jonason	Risk Assessment of Exotic versus Native Woody Plants in the United States	Dr. Herman
	Clint Ostby	Ashes on the decline: Is the emerald ash borer a threat to North Dakota?	Dr. Zeleznik
May 6	Bahadir Sezegen	Plant Gravitropism: Unraveling the Ups and Downs of a complex process	Dr. Deckard

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Sept. 9	Ju Wang	How do we deal with Soybean Rust, a new Disease in the United States?	Dr. Helms
Sept. 16	Juan Osorno	Combining Breeding and Biotechnology to Improve Bananas (<i>Musa</i> sp.)	Dr. Franckowiak
Sept. 23	Sujan Mamidi	TILLING and Ecotilling - Methods for Reverse Genetics	Dr. Kianian
Sept. 30	Arielle Ehli	Development of ALS Resistance in Pigweed	Dr. Christoffers
	Richard O'Donnell	Cropping Systems of Western Australia	
Oct. 7	Fernanda Silva	Genetics of Fast Dry Down	Dr. Carena
	Eric Delahoyde	Iron Deficiency Chlorosis of Soybean- Cause and Methods of Control	Dr. Goos
Oct. 14	Luke Samuel	Invasive characteristics and Integrated Pest Management of <i>Melaleuca quinquenervia</i> in south Florida	Dr. Howatt
	Jesse Underdahl	Improved Durable Resistance against Cereal Rusts: Use of Slow Rusting Genes	Dr. McMullen
Oct. 21	Melissa Huhn	Water Use Efficiency and Crop Yield	Dr. Deckard
	Tao Wang	Pollen Mediated Gene-flow in Herbicide-resistant Crops	Dr. Howatt
Oct. 28	Marisol Berti	Morphological and Physiological Adaptations in Obligate Shade Plants	Dr. Zeleznik
	Mridull Dilawari	Higher Order Chromatin Structure	Dr. Horvath
Nov. 4	Suresh Bhamidimaari	In Vitro Mutagenesis: An Efficient Breeding Method	Dr. Dai
Nov. 11	Veterans' Day Holiday		
Nov. 18	Guorong Zhang	Drought Resistance in Wheat	Dr. Deckard
Nov. 25	Thanksgiving Break		
Dec. 2	Aruna Kandikonda	Molecular and Genetic Regulation of Anthocyanins in Plants	Dr. McClean
Dec. 9	Dr. Mike Christoffers	Review of the 'Get That Grant' Workshop	