

Agronomy Gleanings, January 7, 2005

1/7/2005 8:00 AM

## AGRONOMY GLEANINGS

Department of Agronomy and Plant Genetics, University of Minnesota

411 Borlaug Hall, 1991 Buford Circle, St. Paul, MN 55108

PHONE (612) 625-7773; FAX (612) 625-1268; E-MAIL [agro@mail.coafes.umn.edu](mailto:agro@mail.coafes.umn.edu)

WEB <http://agronomy.coafes.umn.edu/>

January 7, 2005

## ANNOUNCEMENTS

Martin Luther King Day, Monday, January 17. University offices closed.

Gerald O. Mott Meritorious Graduate Student Award in Crop Science recognizes outstanding graduate students pursuing advanced degrees in the crop science disciplines. The deadline for submitting the names of the recipients is January 21, 2005. Selection process and criteria: [http://www.asa-cssa-sssa.org/awards/pdf/awards\\_booklet.pdf](http://www.asa-cssa-sssa.org/awards/pdf/awards_booklet.pdf)

47th Annual Maize Genetics Conference, March 10-13, 2005, Lake Geneva, Wisconsin. Details: [http://www.maizegdb.org/maize\\_meeting/2005/](http://www.maizegdb.org/maize_meeting/2005/)

Attention Ag Professionals! The University of Minnesota Extension Service will be offering its 14th Annual Research Update for Ag Professionals in January 2005. Seven locations will serve as the host-site for the 4-hour program, with Luverne being a new site. Read more here: <http://www.extension.umn.edu/cropenews/2004/04MNCN44ann.htm>

Understanding Biotechnology, the book by Lu Oliveira (former Ph.D. student of Dr. Rasmusson) and David Bowen (former M.S. student of Dr. Anderson) that has been published in Portuguese and Mandarin (China) is now available in Korean, also. This book has been used as a text in seven colleges across the US, including the University of Minnesota.

The 2005 Cultural and Chemical Weed Control in Field Crops Guide is now all digital. Access at: <http://appliedweeds.coafes.umn.edu/>

Josie R. Johnson Human Rights and Social Justice Award is designed to honor faculty, staff and students who have made exceptional contributions to the University and external community. Nominations will be accepted through Monday, February 14, 2005. For complete information on the nomination process, please see <http://www.oma.umn.edu/josie.html>

The St. Paul Campus Career Center is now open in 198 McNeal Hall, 612-624-2710.

## SEMINARS

January 10

Applied Plant Sciences, PhD Defense, "Functional Genomics of UDP-Glucuronic Acid Synthesis in Soybeans," Lynn Ann Litterer, Agronomy and Plant Genetics, 10:00 a.m., 306 Borlaug Hall.

January 10

Biochemistry, Molecular Biology & Biophysics, Faculty Candidate, Dr. Ailong Ke, University of California, Berkeley, "Chemical Repertoire of RNA in HDV Ribozyme and Signal Recognition Particle," 4:00 pm, 3-120 MCB, Minneapolis Campus.

January 11

Applied Plant Sciences, M.S. Thesis Defense, "Competition Studies with *Miscanthus sinensis*," Joe Paul, M.S. student in the Department of Horticultural Science, 9:00 am, 310 Alderman Hall.

## POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

### UNIVERSITY OF MINNESOTA

Coordinator, Ecosystem Science and Sustainability Initiative, Dept. of Fisheries/Wildlife, St. Paul, MN. Master's in relevant field required and PhD preferred. Review of applications begins: January 15, 2005.

### CLEMSON UNIVERSITY

Extension Weed Scientist, Assistant/Associate Professor, Entomology, Soils, and Plant Sciences Department, PeeDee Research & Education Center, Florence, SC. PhD in Weed Science or closely related discipline. Closing date: January 15, 2005.

### CLEMSON UNIVERSITY

Assistant/Associate Professor, Livestock Grazing Systems, Animal and Veterinary Science Department or Entomology, Soils, and Plant Sciences Department, Edisto Research and Education Center, Blackville, SC. PhD in Animal Science, Agronomy, or related discipline. Closing date: February 15, 2005.

### UNIVERSITY OF NEBRASKA, LINCOLN

Project Coordinator, Department of Agronomy and Horticulture. Master's with major in agronomy, horticulture, or closely related field, plus two years experience in field research. Review of applications begins: January 3, 2005.

### CALIFORNIA POLYTECHNIC STATE UNIVERSITY

Assistant Professor, Horticulture and Crop Science Department, San Luis Obispo. PhD in weed science, plant biology, or other agriculturally related science with a strong commitment to undergraduate teaching. Review of applications begins: February 1,

2005.

**NORTH DAKOTA STATE UNIVERSITY**

Vice President for Agriculture and University Extension, Fargo. Earned doctorate from an accredited institution and academic qualifications appropriate for appointment as tenured professor. Screening will begin February 11, 2005. <http://www.ndsu.edu/jobs/>

**STEARNS COUNTY SOIL AND WATER CONSERVATION DISTRICT**

Soil Conservationist, Nutrient Management Specialist, Waite Park, MN. Bachelor's degree with a major study in soil science, agronomy, or related field of biological, physical, or earth science. Closing date: January 28, 2005. <http://www.soilandwater.co.stearns.mn.us>

**KANSAS STATE UNIVERSITY**

Assistant Professor, Soil Fertility and Chemistry, Department of Agronomy, Manhattan, KS. PhD in soil science with an emphasis in soil fertility and/or applications of soil chemistry to plant nutrient issues. Screening will begin: February 15, 2005.

Agronomy Gleanings, January 31, 2005

1/31/2005 8:00 AM

## AGRONOMY GLEANINGS

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January 31, 2005

## ANNOUNCEMENTS

Syngenta Agronomy Department Coffee, Wednesday, February 2, 9:30 a.m., 306 Borlaug Hall. --Hosted by the Office Staff

The Grand Opening Celebration of the St. Paul Campus Career Center, Tuesday, February 1, 3:00 to 5:00 p.m., 198 McNeal Hall, St. Paul.

National Academy of Sciences Lecture Series, Dr. James E. Womack, College of Veterinary Medicine, Texas A&M University, "Status of Bovine Genomics: Sequencing and Beyond," Thursday, Feb. 10, 2:00 p.m., 105 Cargill Building.

## SEMINARS

January 31

Biochemistry, Molecular Biology & Biophysics, Faculty Candidate, Dr. Mark Wilson, Brandeis University, Waltham, MA, "Structural Studies of the DJ-1 Superfamily: Implications for the Molecular Basis of Parkinson's Disease," 4:00 pm, 2-530 Moos, Minneapolis Campus.

February 1

Leading Edge Technologies. IBM Research Computational Biology Center, Senior Manager, Dr. Ajay Royyuru, "Computational Biology Research at IBM," 2:00 p.m., 105 Cargill Building.

February 1

Agronomy and Plant Genetics Special Seminar, "Herbicide resistance: Evolution versus business," Dr. Stephen Powles, Director of the Western Australia Herbicide Resistance Initiative, University of Western Australia, Perth, 3:30 p.m., 306 Borlaug Hall.

February 1

Plant Biological Sciences, Dr. Manuel Lerda, Professor, Ecology & Evolution Dept., State University of New York/Stony Brook, "Isoprene Production by Plants: From Leaves to Landscapes," 3:30 pm, 335 Borlaug Hall.

February 2

Biochemistry, Molecular Biology & Biophysics, Faculty Candidate, "Structural Insights into Ubiquitin-like Protein Transfer Cascades," Dr. Helen Walden, St. Jude Children's Research Hospital, Memphis, TN, 4:00 p.m., 3-120 MCB, Minneapolis.

#### POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

#### CENTRAL REGION PARTNERSHIP

Executive Director, Central Lakes College, Agricultural Center, Staples, MN. Master's degree and experience related to agriculture, natural resources, tourism, sustainable community development, sustainable development or related fields. Application screening: February 4, 2005.

#### KANSAS STATE UNIVERSITY

Extension Specialist, Crops and Soils, Northwest Research and Extension Center, Colby, KS. Ph.D. in Agronomy or related field. Application screening: March 1, 2005.

#### KANSAS STATE UNIVERSITY

Assistant Professor (tenure track, 12-month position), Crop Ecophysiology, Department of Agronomy, Manhattan, KS. Ph.D. in Agronomy, Plant Science, Plant Physiology, Ecology or closely related discipline. Candidate screening begins March 15, 2005.

#### JONDLE & ASSOCIATES

Patent Agent, Intellectual Property Law, Centennial, Colorado. B.S., M.S. or Ph.D. in Biology, Agronomy, Botany, Horticulture, Plant Breeding, Molecular Biology, or related disciplines. <http://www.jondlelaw.com>

#### CROW'S SEED COMPANY

District Sales Manager for SW and Central Minnesota.

Agronomy Gleanings, February 8, 2005

2/8/2005 8:00 AM

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February 8, 2005

## ANNOUNCEMENTS

Note from Jenipher Bisikwa. I had a safe trip back home and it was nice seeing my family once again. I arrived Saturday night and was back to work on Monday morning. Convey my regards to everybody in the department. Thanks for all the help and support while I was at the University of Minnesota. Warm regards, Jenipher

Coffee for Dave Somers, Thursday, February 17, 9:00 - 10:15 a.m., 306 Borlaug Hall.

Rex Bernardo is the new Director of Graduate Studies for the Applied Plant Sciences Program.

Uplan Wellness-Energy Quest: the pursuit of healthy eating and physical activity is an eight-week program focusing on helping you and your family create a balance between nutritional choices and physical activity. It is designed to increase your awareness of how small changes can often make a big difference. You will receive an Energy Quest guidebook and log in the campus mail. Return the Post Program Survey to Uplan Wellness by June 1, 2005, in order to qualify for a \$10 gift certificate redeemable at your campus University Bookstore. If your family members would like to participate, access additional copies of the Energy Quest Log at [www.umn.edu/ohr/eb/wellness/quest.htm](http://www.umn.edu/ohr/eb/wellness/quest.htm).

The COAFES Awards Committee is soliciting nominations for the CSBU and P&A awards. Send nominations to: Erik Kattan, 277 Coffey Hall, by March 15, 2005. (Criteria and procedures available in 411 Borlaug Hall.)

Upcoming Fleet Services driver training sessions:

March 15, 2005, 8:30-12 noon

April 19, 2005, 8:30-12 noon

May 17, 2005, 8:30-12 noon

June 21, 2005, 8:30-12 noon

Please contact Jeanne Vale at 612-624-1083 to sign up for training.

Keeping American Colleges Competitive through International Education: An open discussion with Senator Norm Coleman about the decline of international students in the U.S., Friday, Feb. 11th, 2:30-3:30 p.m., Cowles Auditorium, Humphrey Center, University of Minnesota, Twin Cities campus. For more information about the event,

contact the Office of International Programs at 612-624-5580.

The H.K. Hayes Memorial Lecture and Graduate Student Award Committee is pleased to announce that Martin Arbelbide has been selected to receive the 2005 H.K. Hayes Graduate Student Award. He is an Applied Plant Science major, under the direction of Dr. Rex Bernardo, who has excelled in research, scholarship, and leadership. Congratulations Martin!

The H.K. Hayes Lecturer will be Dr. Pedro Sanchez. He received the World Food Prize in 2002 and is co-chair of the U.N. Millennium Project Task Force on Hunger. The January 21, 2005 issue of Science carries an article by Pedro and M.S. Swaminathan entitled "Cutting World Hunger in Half." Please mark your calendars for May 25. There will be discussions in the morning with faculty and students and the lecture and award ceremony will be in the afternoon.

Free Concert to Honor the Life of Dr. Martin Luther King, Jr., Sunday, February 27, the Ted Mann Concert Hall, 4 p.m., open to the public on a first-come, first-served basis. For more information visit <http://www.cce.umn.edu/musicformartin>.

## SEMINARS

Tuesday, February 8

Plant Biological Sciences, Dr. Brian Steffenson, Plant Pathology, Univ. of Minnesota, "Genetic Analysis and Engineering of Durable Stem Rust Resistance in Barley," 3:30 p.m., 335 Borlaug Hall.

Wednesday, February 9

What's Up in Sustainable Agriculture? and Minnesota Institute for Sustainable Agriculture, present Marla Spivak, Associate Professor in the Department of Entomology at the University of Minnesota, "The Buzz about Bees, Honey and Pollination," 12:00 noon, 306 Borlaug Hall, St. Paul Campus.

Wednesday, February 9

Biochemistry, Molecular Biology and Biophysics, Dr. Jeff Vargason, NIEHS/NIH, Research Triangle Park, NC, "Structure, Specificity, and Function of an RNA Silencing Suppressor," 3-120 MCB, Minneapolis (Faculty Candidate).

Thursday, February 10

Center for Microbial and Plant Genomics, The National Academy of Sciences Lecturer Series, Dr. James Womack, Texas A&M University, "Status of Bovine Genomics: Sequencing and Beyond," 2:00 p.m., Room 105, MPG-Cargill Building.

Friday, February 11

Agronomy and Plant Genetics, Special Seminar, "60 million Frenchmen can't be wrong: A sabbatical semester near Paris," Rex Bernardo, Associate Professor, 10:00-11:00

am, 306 Borlaug Hall.

Monday, February 14

Horticultural Science and Applied Economics, Todd and Barbara Bachman Horticultural Marketing Chair Candidate, Chanjin Chung, Oklahoma State University, "Marketing Challenges and Opportunities in Horticulture," 9:00 am, 310 Alderman Hall.

Wednesday, February 16

Horticultural Science and Applied Economics, Todd and Barbara Bachman Horticultural Marketing Chair Candidate, Luanne Lohr, University of Georgia, "Marketing Challenges and Opportunities in Horticulture," 9:00 am, 310 Alderman Hall.

Wednesday, February 16

Horticultural Science, "The 50th Anniversary of the Discovery of DNA: Behind the Scenes Action," Jennifer Jacobs and Alex Kahler, Graduate Students, Department of Agronomy and Plant Genetics, 3:30 p.m., 306 Borlaug Hall.

#### POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

#### UNIVERSITY OF NEBRASKA, LINCOLN

Professor, Haskins/Othmer Chair position in Plant Molecular Chromosomal Biology in the Department of Agronomy and Horticulture, Institute of Agriculture and Natural Resources. Closing date: March 18, 2005.

#### KANSAS STATE UNIVERSITY

Research Associate, Department of Agronomy, Manhattan, KS. PhD in plant breeding, agronomy, genetics or related field. Screening of applicants will begin: February 2, 2005.



Agronomy Gleanings, February 15, 2005

2/15/2005 8:00 AM

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February 15, 2005

## ANNOUNCEMENTS

Coffee for Dave Somers, Thursday, February 17, 9:00 - 10:15 a.m., 306 Borlaug Hall.

Thank you. Mike McClellan and family wish to express sincere appreciation for the Peace Lily sent by the Department in memory of Mike's mother.

Green Lands, Blue Waters Forum, Friday, February 25, 1:00-4:15 p.m., Room 33 McNeal, St. Paul Campus. For more information: <http://www.greenlandsbluewaters.org>

The Twin Cities Regional Science Fair will be held soon. Volunteer judges are needed. Project judging will be Friday, February 25, from 4:30 until 9:00 pm at the University of Minnesota Field House. First-time judges are asked to attend an orientation meeting at 3:30. At the Regional Science Fair, judges see the best projects from several schools. Some are really quite amazing, considering the student's age and experience. It is great to talk with these aspiring students! There are never too many judges. Food and refreshments will be available. Qualifications: 1) College-level science/engineering education or comparable experience; 2) Desire to encourage young people to be enthusiastic about science and the world around them. Please contact Karin Ostrand (David Underbakke [judges@underbakke.com](mailto:judges@underbakke.com)) if you can help or need directions. You may also simply show up if your schedule allows.

Dr. Donald G. Baker. Please join the Department of Soil, Water, and Climate and the College of Agricultural, Food, and Environmental Sciences in honoring Dr. Baker, recipient of the University of Minnesota Outstanding Achievement Award. Award ceremony and reception: Friday, March 4, 3:00-5:00 p.m. (program at 4:00 p.m.), Cargill Building for Microbial and Plant Genomics, St. Paul Campus.

The COAFES Awards Committee is soliciting nominations for the CSBU and P&A awards. The CSBU award is to recognize an extraordinary contribution of two members of the Civil Service and Bargaining Unit Staff: one for academic related duties and the other for scientific work. The P&A award is to recognize the excellent performance of two members of the Professional and Academic staff: one for academic related duties and the other for scientific work. More details at: <http://www.coafes.umn.edu/awards>. Nominations should be sent to Erik Kattan, 277 Coffey Hall, by March 15, 2005. If you

have questions, please call Erik at 4-1456.

ASA-CSSA-SSSA scholarships, fellowships, and internships for undergraduate and graduate students. For information: <http://www.asa-cssa-sssa.org/awards>.

Deinard Memorial Lecture on Law & Medicine will be delivered by Prof. Ellen Wright Clayton, MD, JD, Vanderbilt University, Friday, February 25, 11:30-1:00 p.m., Mississippi Room, Coffman Memorial Union. Lecture title: "Over-Reading the Human Genome: The Threat to Privacy, Employment, Group Identity, and Responsibility."

## SEMINARS

Tuesday, February 15

Plant Biological Sciences, Dr. Tom Sharkey, University of Wisconsin-Madison, "The Role of Transitory Starch in Leaf Photosynthesis," 3:30 p.m., 335 Borlaug Hall.

Wednesday, February 16

What's Up in Sustainable Agriculture? and Minnesota Institute for Sustainable Agriculture present: Bob Hassett of Hassett's Berry Farm, "Goat Meat Production on a Berry Farm," 12:00 noon, 306 Borlaug Hall, St. Paul Campus.

Wednesday, February 16

Horticultural Science and Applied Economics, Todd and Barbara Bachman Horticultural Marketing Chair Candidate, Luanne Lohr, University of Georgia, "Marketing Challenges and Opportunities in Horticulture," 9:00 am, 310 Alderman Hall.

Wednesday, February 16

Horticultural Science, "The 50th Anniversary of the Discovery of DNA: Behind the Scenes Action," Jennifer Jacobs and Alex Kahler, Graduate Students, Department of Agronomy and Plant Genetics, 3:30 p.m., 306 Borlaug Hall.

Wednesday, February 16

Biochemistry, Molecular Biology and Biophysics, Goldberg Lecture, Dr. Barbara Kahn, Harvard Medical School, Boston, MA, "AMP-Activated Protein Kinase: Ancient Fuel Gauge is a Key to Modern Understanding of Metabolism," 4:00 p.m., 3-120 MCB, Minneapolis Campus.

Monday, February 21

Horticultural Science, The Todd and Barbara Bachman Endowed Chair in Horticultural Marketing candidate, Dr. Wuyang Hu, University of Alberta, "Marketing Challenges and Opportunities in Horticulture," 9:00 am, 310 Alderman Hall.

## POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

UNIVERSITY OF MINNESOTA

Junior Scientist, Northwest Research and Outreach Center, Crookston. Bachelor of Science degree in plant pathology, agronomy, entomology, or related discipline. <http://nwroc.umn.edu>. Application deadline: March 10, 2005.

UNIVERSITY OF SASKATCHEWAN

Head, Department of Plant Sciences, Saskatoon. PhD degree in plant science or a closely related field. Application review to begin: April 1, 2005.

Agronomy Gleanings, March 2, 2005

3/2/2005 8:00 AM

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March 2, 2005

## ANNOUNCEMENTS

U of M Floating Holiday, Friday, March 18. University offices will be closed.

Syngenta Department Coffee, Wednesday, March 2, 9:30 a.m., 306 Borlaug Hall. Bring your coffee mug! --Sponsored by the Corn Breeding Project

Greetings from Judy Slyter. Thanks to all who wrote to President Bruininks' office with kind words about me. I received a nice letter from him, thanking me and quoting people from the department. We are enjoying Arizona, keeping busy visiting with friends and sightseeing.

Dr. Donald G. Baker. Please join the Department of Soil, Water, and Climate and the College of Agricultural, Food, and Environmental Sciences in honoring Dr. Baker, recipient of the University of Minnesota Outstanding Achievement Award. Award ceremony and reception: Friday, March 4, 3:00-5:00 p.m. (program at 4:00 p.m.), Cargill Building for Microbial and Plant Genomics, St. Paul Campus. RSVP to Karen Mellem at [kmellem@umn.edu](mailto:kmellem@umn.edu) or 5-5251.

## SEMINARS

Wednesday, March 2

Minnesota Institute for Sustainable Agriculture and What's Up in Sustainable Agriculture, "Designing and Validating Plant Communities and Perennial Cropping Systems for Multiple Benefits," Paula Westmoreland, Ecological Gardens, 12:00 noon, 306 Borlaug Hall.

Wednesday, March 2

Horticultural Science and Agronomy and Plant Genetics, Dr. Van Cline, The Toro Company, Plant Agronomist, "What's happening in turf research at Toro," 3:30 p.m., 310 Alderman Hall.

Wednesday, March 2

Biochemistry, Molecular Biology and Biophysics, Dr. Nils Walter, University of Michigan, Ann Arbor, "Lumos, or Seeing is Believing: Structural Dynamics and Function are

Closely Linked in (Single) RNA Enzymes," 4:00 p.m., 3-120 MCB, Minneapolis.

Thursday, March 3

BioTechnology Institute, Prof. Uwe Deppenmeier, University of Wisconsin, Milwaukee, "The genome sequence of *Gluconobacter oxydans*: deciphering the process of incomplete oxidation for industrial applications," 3:30 p.m., 239 Gortner Laboratories, St. Paul Campus.

#### POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

#### UNIVERSITY OF MINNESOTA

Junior Scientist, small grains plant pathology, Northwest Research and Outreach Center, Crookston. Bachelor of Science degree in plant pathology, agronomy, entomology, or related discipline. Closing date: March 10, 2005. Website: <http://nwroc.umn.edu>

#### SOUTH DAKOTA STATE UNIVERSITY

Research Associate I, Soybean Breeding/Genetics, Plant Science Department, Brookings, SD. Masters degree in Agronomy or related area with emphasis in plant breeding/genetics. Application deadline: March 15, 2005.

#### USDA, ARS

Plant Physiologist/Molecular Biologist, GS-435/401-12/13, Vegetable Crops Research Unit, University of Wisconsin, Madison. Closing date: April 1, 2005. ARS homepage <http://www.ars.usda.gov>

#### NORTH CAROLINA STATE UNIVERSITY

Extension Associate-Water Quality, Department of Soil Science, Raleigh, NC. Master of Science degree in an environmental science discipline. Closing date: February 21, 2005 or until a suitable candidate is identified.

#### MISSISSIPPI RIVER TRAIL, INC.

Executive Director, office location, along or very close to the Mississippi River, to be determined. A bachelor's degree in planning, resource management, community development, landscape architecture, organizational or program management or a related field; a graduate degree is recommended. Visit <http://www.mississippirivertrail.org> to learn more about MRT, Inc.

#### UNIVERSITY OF FLORIDA

Assistant Professor, Weed Science: Aquatic and Wetlands Habitats, Fort Lauderdale Research and Education Center, Fort Lauderdale, FL. PhD in Weed Science, Agronomy, Aquatic or Wetlands Plant Ecology, Botany or a closely related field. Application deadline: April 15, 2005.

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March 8, 2005

## ANNOUNCEMENTS

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Freeman Forum. Dr. Ismail Serageldin, Librarian of Alexandria (Egypt), was instrumental in integrating agriculture and environmental issues in international development during his tenure at the World Bank. Serageldin will be in Minnesota for the Freeman Forum Lecture Series highlighting the contributions and priorities of the late Governor and USDA Secretary Orville L. Freeman. As part of the Freeman series, Serageldin will give an address titled, "Agricultural Science and Technology: A World Divided?" at 2:30 p.m., Wednesday, March 23 at the Cargill Building for Microbial and Plant Genomics, followed by a reception at 4 p.m. The event includes a welcome by Dean Muscoplat and Connie Freeman, an international development specialist on subSaharan Africa, and a discussion session moderated by Phil Pardey, Applied Economics. It's free, but you must pre-register at <http://www.freemanforum.org>

Phosphorus Conference. Farmers, scientists and others with a strong interest in water quality will gather at the University of Minnesota, St. Paul campus on Tuesday, March 29, to help chart a path for the use of phosphorus in agriculture. Modeled after the University's successful Nitrogen Symposium two years ago, the Phosphorus Conference will focus on the management of phosphorus and its role in agriculture in Minnesota and surrounding states. National experts will share the latest information on phosphorus and the group will meet to identify knowledge gaps that can spur further research. Complete details are at <http://www.coafes.umn.edu/phosphorus>

## SEMINARS

Wednesday, March 9

What's Up in Sustainable Agriculture? and Minnesota Institute for Sustainable Agriculture, Mark Ritchie, "Sustainable Agriculture and Sustainable Politics," 12:00 noon, 306 Borlaug Hall.

Wednesday, March 9

Cargill-MPG Building Research Seminar Series, Julian Hillyer, "Biology of the infective stage of the malaria parasite in the mosquito host," and Adam Huang, "Characterization

of sugar insensitive mutants," 12:00 pm, 105 Cargill Bldg.

Wednesday, March 9

Horticultural Science, Dr. John Bamberg, University of Wisconsin-Madison, "Germplasm collection, preservation, characterization, and linking worldwide germplasm centers," 3:30 p.m., 310 Alderman Hall.

Wednesday, March 9

Biochemistry, Molecular Biology and Biophysics, Dr. Eric U. Selker, University of Oregon, Eugene, "Genome Defense and DNA Methylation in Neurospora," 4:00 p.m., 3-120 MCB, Minneapolis.

Thursday, March 10

BioTechnology Institute, Mani Subramanian, The Dow Chemical Company, San Diego, CA, "Bioprocess is a double-edged sword; it can get you there or cut you off!," 12:00 p.m., 105 Cargill Building.

Wednesday, March 15

Plant Biological Sciences. Spring Break; no seminar.

Wednesday, March 16

CMPG NAS Lecturer Series, National Academy of Sciences member, Dr. Todd Klaenhammer, NCSU, "A Light in the Tract - Genomic Views of Intestinal Lactobacilli," 2:00 pm, 105 Cargill Building/Microbial and Plant Genomics. He will meet with Graduate Students at 3:00 pm in room 105 to discuss some of his personal career experiences, including the practice of ethics in science.

#### POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

#### SYNGENTA

Research Technicians, Brookings, SD; Stanton, MN; and Monroeville, IN locations. B.S. or A.A. and a strong farm background preferred.

#### SEMINIS VEGETABLE SEEDS

New trait developers, Woodland, CA.

#### THE NATURE CONSERVANCY

Seasonal Employment Opportunities in Oregon for 2005: <http://www.nature.org/careers>

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March 15, 2005

## ANNOUNCEMENTS

U of M Floating Holiday, Friday, March 18. University offices will be closed.

Sincere Sympathy to Joan and Vern Cardwell on the death of Joan's mother in Denver, Colorado.

Congratulations to Tina and Michael Schmidt on the birth of Izaak Michael, 8 lb 6oz, 21 inches, born at 6:30 pm, March 1st. Mom and baby are doing fine.

Spring Cleaning for a Beautiful U! Everyone in COAFES is invited to pitch in and help clean out the Seed House, Crop Service Building, and the greenhouses on April 7. All volunteers will be rewarded with pizza and pop! For more info and to register, please visit <http://www.coafes.umn.edu/springcleaning.html>

Agronomy Personnel still needed before July 1, 2005, for the defensive driver-training program. Departments who do not comply with training requirements will have their insurance deductible increased from \$500 to \$2,500. Please contact Jeanne Vale at 4-1083 to sign up for training. Training sessions will be offered at Fleet Services, 901 29th Avenue SE, Minneapolis, 8:30 a.m. - 12:00 noon on the following dates: April 19, May 17, June 21.

The Kermit A. Olson Memorial Lecture 2005. Lecturer: Dr. Jules Janick, Department of Horticulture and Landscape Architecture, Purdue University. Lecture: Wednesday, March 23, 110 Green Hall, 4:00 p.m., St. Paul Campus. Awards and Scholarships will be presented by the Department of Horticultural Science at 3:30 p.m.

Dean E.M. Freeman/Walter C. Coffey Prize, and the Natalie S. Gallagher Award nomination deadline is Friday, April 1, 2005, 3:00 p.m. Purpose: To recognize outstanding contributions to student life on the St. Paul Campus. Questions: Contact Heidi Geisenhoff at [spboc@umn.edu](mailto:spboc@umn.edu).

Conference on Race & Ethnicity in Biomedical Research, "Proposals for the Responsible Use of Racial & Ethnic Categories in Biomedical Research: Where Do We Go From Here?," Monday, April 18, 2005; 8:30 am-5:00 pm, Mondale Hall, Room 25,



University of Minnesota, Minneapolis. Online registration, full agenda, and further information: <http://www.lifesci.consortium.umn.edu/conferences/categories.php>

The 3rd annual William E. Larson and Raymond R. Allmaras Lecture on Emerging Issues in Soil and Water will be delivered by Dr. R. Wayne Skaggs of North Carolina State University on Friday, 15 April at 2:00 PM in 335 Borlaug Hall, St. Paul campus. Lecture title: "Agricultural Drainage: Impacts on Hydrology, Crop Production, and Water Quality." Before the lecture, brief opening remarks from Mr. Dennis Anderson, a columnist for the Minneapolis Star Tribune. The lecture is free and open to all. Reception will follow the lecture.

"Human Subjects Protection: A Plaintiff's Perspective," Alan Milstein, JD, MS, Sherman, Silverstein, Kohl, Rose & Podolsky, Lunch Series on the Societal Implications of the Life Sciences, Tuesday, April 5, 12:15 - 1:30pm, Coffman Memorial Union, Mississippi Room.

## SEMINARS

Wednesday, March 16

CMPG NAS Lecturer Series, National Academy of Sciences member, Dr. Todd Klaenhammer, NCSU, "A Light in the Tract - Genomic Views of Intestinal Lactobacilli," 2:00 pm, 105 Cargill Building/Microbial and Plant Genomics. He is scheduled to meet with Graduate Students at 3:00 pm in Seminar Room 105 to discuss his research career.

## POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

### UNIVERSITY OF IDAHO

Research Support Scientist 1, Plant, Soil and Entomological Sciences, Aberdeen Research & Extension Center. M.S. appropriate to the research discipline or closely related field. Closing date: March 25, 2005.

### RD OFFUTT COMPANY

Full-time agronomist in Minnesota and a full-time agronomist in O'Neill, Nebraska for this spring. BS or MS degree in Agronomy, Soils, or Horticulture with computer knowledge is necessary.

### UNIVERSITY OF MISSOURI-COLUMBIA

Research Associate, Plant Sciences Unit. PhD degree in molecular biology or related discipline is preferred. Application review to begin April 29, 2005.

Agronomy Gleanings, March 22, 2005

3/22/2005 8:00 AM

## AGRONOMY GLEANINGS

Department of Agronomy and Plant Genetics, University of Minnesota

411 Borlaug Hall, 1991 Buford Circle, St. Paul, MN 55108

PHONE (612) 625-7773; FAX (612) 625-1268; E-MAIL [agro@mail.coafes.umn.edu](mailto:agro@mail.coafes.umn.edu)

WEB <http://agronomy.coafes.umn.edu/>

March 22, 2005

## ANNOUNCEMENTS

Life is a Journey. Lee Hardman on the Road to Retirement. You are invited to a celebration of the retirement of Leland L. Hardman on Thursday, April 28, Courtyard Dining Room, Continuing Education and Conference Center (formerly Earle Brown Center), 1890 Buford Avenue, U of M St. Paul Campus; 5:00 p.m., hors d'oeuvres; 6:15 p.m. dinner; 7:15 p.m. program. RSVP with your dinner choice to Jeanne Davy by April 21. Dinner choices: stuffed breast of chicken, \$12.95 or herbed, Dijon crusted pork loin, \$13.75; checks payable to University of Minnesota. Letters and contributions for a gift may be sent to Jeanne Davy. For details: [http://agronomy.coafes.umn.edu/vertical/Sites/{AE24C7EE-C527-4054-BE1B-EC3933B26D45}/uploads/On\\_the\\_Road\\_to\\_\\_Retirement.pdf](http://agronomy.coafes.umn.edu/vertical/Sites/{AE24C7EE-C527-4054-BE1B-EC3933B26D45}/uploads/On_the_Road_to__Retirement.pdf)

### 2005 Summer Field Days

June 29, Grass Seed Day, Roseau

July 8, WCROC, Morris

July 14, SWROC, Lamberton

July 19-20 Field School SWROC, Lamberton

Congresswoman Betty McCullom is a member of the House Committee on Education and the Workforce. A brown bag lunch session has been scheduled with Congresswoman McCullom to talk about how federal issues affect the University of Minnesota. This informal meeting will be held on March 31 at 12:00 p.m. in room 105 of the Cargill Building on the St. Paul Campus. Register to attend online at: [http://ga4.org/u\\_of\\_m\\_leg\\_net/events/conmccullom/details.tcl](http://ga4.org/u_of_m_leg_net/events/conmccullom/details.tcl). To learn more about the federal issues the University of Minnesota is facing, visit [http://www1.umn.edu/groots/background/Fed\\_issues.php](http://www1.umn.edu/groots/background/Fed_issues.php).

Classes Without Quizzes, St. Paul campus, 8:30 a.m. to 1 p.m., Saturday, April 2. You can register by calling 612-624-3009 during business hours or by downloading the registration form on our website at [www.coafes.umn.edu/cwq](http://www.coafes.umn.edu/cwq).

Plant Pathology Graduate Student Symposium, "The Role of Plant Pathogens in Natural Ecosystems," Thursday, April 7, University of Minnesota, Saint Paul Campus Continuing Education and Conference Center. For details: <http://www.tc.umn.edu/~plpagrad/>.

W. E. Petersen Symposium, Department of Animal Science, University of Minnesota, is proud to announce the 3rd Biannual W. E. Petersen Symposium, "Exploring Viable Dairy System Alternatives for Minnesota," Monday, April 25, 1:00 to 5:00 p.m., Student Center Theatre, St. Paul Campus. Open to the Public. For details:  
[http://www.ansci.umn.edu/petersen\\_symposium/petersen\\_symposium2005.htm](http://www.ansci.umn.edu/petersen_symposium/petersen_symposium2005.htm)

## SEMINARS

Wednesday, March 23

What's Up in Sustainable Agriculture? and Minnesota Institute for Sustainable Agriculture, Ron Huff, "The Slow Food Movement in Minnesota," 12:00 noon, 306 Borlaug Hall.

Wednesday, March 23

PMGI/CMPG Seminar Series, "M. truncatula nitrogen fixation mutants in the Rhizobium-legume symbiosis," Colby Starker, Ph.D., Steve Gantt's Lab, Dept. of Plant Biology, and "Progress in Map-Based Cloning of a Wheat QTL for Fusarium Head Blight Resistance," Jim Anderson, Ph.D., Associate Professor, Dept. of Agronomy and Plant Genetics, 12:00 noon, Seminar Room 105, Cargill Building for Microbial and Plant Genomics.

Wednesday, March 23

Department of Horticultural Science, Kermit A. Olson Memorial Lecture, Dr. Jules Janick, Department of Horticulture and Landscape Architecture, Purdue University. Lecture: 4:00 pm., 110 Green Hall, St. Paul Campus. Awards and Scholarships: 3:30 pm.

Wednesday, March 23

Freeman Forum. Dr. Ismail Serageldin, Librarian of Alexandria (Egypt), "Agricultural Science and Technology: A World Divided?," 2:30 p.m., Cargill Building for Microbial and Plant Genomics, followed by a reception at 4 p.m. The event includes a welcome by Dean Muscoplat and Connie Freeman, an international development specialist on subSaharan Africa, and a discussion session moderated by Phil Pardey, Applied Economics. To register, call 612-624-4000. <http://www.freemanforum.org>.

Wednesday, March 23

Biochemistry, Molecular Biology and Biophysics, Dr. Grant Anderson, Washington University, St. Louis, MO, "The Control of Thyroid Hormone Action During Mammalian Brain Development," 4:00 p.m., 3-120 MCB, Minneapolis.

POSITION ANNOUNCEMENTS (Posted in notebook in 411 Borlaug Hall)

## MICHIGAN INTEGRATED FOOD & FARMING SYSTEMS

Executive Director, East Lansing, MI. Application deadline: April 29, 2005.  
[http://www.miffs.org/asp/jobposting.asp?st\\_id=14](http://www.miffs.org/asp/jobposting.asp?st_id=14)

OREGON STATE UNIVERSITY

Business Commercialization Manager, Food Innovation Center Experiment Station, Portland, OR. Minimum of an MBA or equivalent business management advanced degree with substantial professional business experience. Closing date: March 28, 2005. <http://fic.oregonstate.edu/>

Agronomy Gleanings, March 30, 2005

3/30/2005 8:00 AM

## AGRONOMY GLEANINGS

Department of Agronomy and Plant Genetics, University of Minnesota

411 Borlaug Hall, 1991 Buford Circle, St. Paul, MN 55108

PHONE (612) 625-7773; FAX (612) 625-1268; E-MAIL [agro@mail.coafes.umn.edu](mailto:agro@mail.coafes.umn.edu)

WEB <http://agronomy.coafes.umn.edu/>

March 30, 2005

## ANNOUNCEMENTS

A Syngenta Departmental Coffee, hosted by the Wheat Breeding Project, is scheduled for Wednesday, April 6th at 9:30 a.m. in 306 Borlaug Hall. Remember to bring your mug. Hope to see you there!

The 11th Annual Shape Up Challenge sponsored by the Syngenta Development Fund will start Monday, April 4. T-shirts will be awarded to participants this year. A kick-off event will be held in conjunction with the Syngenta Coffee hosted by the Wheat Breeding Project on Wednesday, April 6, 9:30 a.m., 306 Borlaug Hall. Bring your team for a team photo.

Condolences. Laurie Brand's mother, JoAnn Lane, age 76, of Crystal, died on March 16. A Memorial Service will be held Saturday, April 2.

Congratulations! Sally and Carmen Fernholtz, Madison, Minn., won the Organic Farmer of the Year award last month during the 16th annual Upper Midwest Organic Farming Conference in La Crosse, Wis.

Retirement Reception for Deb Brown, The Gardening Guru!, Friday, April 1, 310 Alderman Hall, 2:00-4:00 p.m.

The Historic Faculty House, a bed-and-breakfast inn located a few blocks from the University of Minnesota campus, is available for daily, weekly, or monthly reservations. See details: <http://www.facultyhouse.net>

Phillip C. Hamm Memorial Lecture, Plant Models and Infectious Diseases, Dr. Janis Antonovics, Lewis and Clarke Professor, Department of Biology, University of Virginia, Charlottesville, Virginia, Friday, April 8, 3:15-3:30 p.m., Reception, Atrium, Cargill Building, 3:30-5:00 p.m., Awards Ceremony and Lecture, 105 Cargill Building. Everyone welcome.

Preparing Future Faculty Retreat for graduate students which features workshops focused on teaching and learning in higher education as well as discussions on institutional fit, Tuesday, May 17, 8:30 a.m. to 2:00 p.m., Fireside Room, 274 McNeal

Hall, St. Paul Campus. Register at: <http://www1.umn.edu/ohr/teachlearn/pff/retreat.html>

Continuing Education and Conference Center, Open House, Thursday, April 21, 3-5 p.m.

## SEMINARS

Wednesday, March 30

What's Up in Sustainable Agriculture? and Minnesota Institute for Sustainable Agriculture present: Marjorie Ross, "Science and Sustainable Agriculture: Graduate Student Research," 12 noon, 306 Borlaug Hall, St. Paul Campus.

Wednesday, March 30

Cargill/MPG Building Research Seminar Series, "Hemolymph and mosquito innate immunity," Fred Oduol and "Arabidopsis defenses: smelly and variable," Remco van Poecke, 12:00 pm, Seminar Room 105, Cargill Building for Microbial and Plant Genomics, 1500 Gortner Avenue, St. Paul Campus.

Wednesday, March 30

Biochemistry, Molecular Biology & Biophysics, "Regulation of Primer tRNA<sup>Lys3</sup>/Viral RNA Annealing During Reverse Transcription in HIV-1," Dr. Lawrence Kleiman, Lady Davis Institute for Medical Research, Jewish General Hospital, Montreal, Quebec, Canada, 4:00 PM, 3-120 MCB, Minneapolis Campus.

Thursday, March 31

Federal Constituent Meeting Fourth Congressional District Betty McCollum, 12:00 p.m., room 105 Cargill Building, St. Paul Campus. Register to attend online at: [http://ga4.org/u\\_of\\_m\\_leg\\_net/events/conmccullom/details.tcl](http://ga4.org/u_of_m_leg_net/events/conmccullom/details.tcl).

Wednesday, March 30

Horticultural Science, Professor Duane Preston, University of Minnesota Extension Service, "UM's state, regional and national impact on potato extension," 3:30 p.m., 310 Alderman Hall.

Thursday, March 31

BioTechnology, Prof. Daniel O'Sullivan, Univ. of Minnesota, Food Science and Nutrition, "Probiotics: From Metchnikoff to Genomics," 3:30 p.m., 239 Gortner Laboratory.

Thursday, April 5

PhD Defense, Ioana Dinu, Applied Plant Science Graduate Student, "Introgression of wild Solanum species germplasm into cultivated potato gene pool using EBN manipulation and sexual crosses," 9:00 a.m., 105 Seminar Room, Cargill Building for Microbial and Plant Genomics.

Tuesday, April 5

Plant Biological Sciences, "Phytochrome heterodimerization and the generation of R/FR photoreceptor diversity," Dr. Robert A. Sharrock, Montana State University, Bozeman, 3:30 p.m., 335 Borlaug Hall.

Wednesday, April 6

Biochemistry, Molecular Biology & Biophysics, "Involvement of Aldehydes Derived from SSAO-mediated Deamination in Protein Misfolding Related to Aging and Chronic Neurodegeneration: From Diabetes to Alzheimer's Disease," Dr. Peter Yu, University of Saskatchewan, Department of Psychiatry, 4:00 p.m., 3-120 MCB, Minneapolis Campus.

#### POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

#### WASHINGTON SUSTAINABLE FOOD & FARMING NETWORK

Executive Director, Bellingham, WA. Closing date: April 22, 2005 or until filled. <http://www.wsffn.org>.

#### ASA-CSSA-SSSA

Congressional Science Fellowship or Science Policy Internship. Apply by April 1, 2005. For eligibility information and instructions on how to apply, go to <http://asa-cssa-sssa.org/awards>.

Agronomy Gleanings, April 19, 2005

4/19/2005 8:00 AM

## AGRONOMY GLEANINGS

Department of Agronomy and Plant Genetics, University of Minnesota

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WEB <http://agronomy.coafes.umn.edu/>

April 19, 2005

## ANNOUNCEMENTS

Thank you. The family of JoAnn Lane thanks you for the beautiful azalea plant. Your care and concern at this time is most appreciated. --Laurie Brand

New Arrival. James Arthur Caspers put in his first appearance about 6:30 a.m. on Wednesday, April 13. Weight: 7 lb 9 oz, Height: 21 inches. Proud parents: Roger and Jill Caspers. Everything went well and everybody including father is fine!

Lee Hardman's Retirement Party. Remember, if you wish to attend Lee Hardman's Retirement dinner on Thursday, April 28, at the Earle Brown Center, you need to make a reservation with Jeanne Davy by Thursday, April 21.

Shape Up Challenge. Gary Linkert from the Wheaties team is the winner of a \$20 restaurant gift certificate for Week 1 of the Shape Up Challenge. Congratulations Gary!

Beautiful U Day is April 21. University faculty, staff, and students are encouraged to volunteer to participate in various activities on Beautiful U Day by signing up at [www.buday.umn.edu](http://www.buday.umn.edu). Lunch will be served to all who participate at the St. Paul Student Center from 11:45 a.m. - 1:00 p.m.

Campus Mail Delivery Codes improve the accuracy of deliveries and greatly increases the speed at which mail can be sorted. You can find a delivery code in the student-staff directory or at the following web site: <http://www.a-m.umn.edu/CM/campcode.htm>

A Bogen TC-1 Copy Stand and a desk need new homes. If anyone is interested, please call Keith Henjum (Alfalfa Project) at 5-4291.

Wind Turbine Commissioning & Fruits of the Earth Celebration, Friday, April 22, West Central Research and Outreach Center, Morris, Minn. Please call 320-589-1711 for details.

Meet you at the St. Croix. COAFES Faculty & Staff are invited to attend the 3rd annual COAFES Senior Send-Off on Friday, April 29, 2005. Register online at <http://alumni.coafes.umn.edu/sso>. Deadline for registration is Friday, April 22.



Female roommate needed for May, June and July. Share 3-level house with four other women and a St. Bernard. The house is in St. Paul near Concordia College (Hamline and Selby). \$300/month. If interested, please call Keith Henjum at 612-625-4291 or 651-730-0499.

## SEMINARS

Tuesday, April 19

Plant Biological Sciences, Dr. Paul Berry, University of Wisconsin/Madison, "Phylogenetic studies at different scales: a moderate-sized genus (Fuchsia), a giant genus (Croton) and an entire flora (the Guayana Shield)," 3:30 p.m., 335 Borlaug Hall.

Wednesday, April 20

COAFES, University of Minnesota, President Bruininks, "A Conversation on Strategic Positioning," 8:30 a.m. to 9:30 a.m., Seminar Room, Cargill Building for Microbial and Plant Genomics, St. Paul Campus <http://www.coafes.umn.edu/coafesmtg>.

Wednesday, April 20

Lecture Series on Law, Health & the Life Sciences, Prof. Alta Charo, JD, University of Wisconsin, "From Stem Cells to Jail Cells," 11:30 a.m.-1:00 p.m., Coffman Memorial Union, Mississippi Room. For more information: <http://www.lifesci.consortium.umn.edu>.

Wednesday, April 20

NAS Lecturer Series, Dr. Bob Goldberg, UCLA, "Using Genomics to Dissect Plant Embryo Development in Research and Undergraduate Education," 2:00 p.m., 105 Seminar Room, Cargill Building for Microbial and Plant Genomics, St. Paul Campus.

Wednesday, April 20

Horticultural Science, Ms. Tami VanGaal, Wagner Greenhouse, "Plugging Away in a Dynamic Industry," 3:30 p.m., 310 Alderman Hall.

Wednesday, April 20

Biochemistry, Molecular Biology & Biophysics, "Mitochondrial Uncoupling Proteins: Regulatory Mechanisms and Role in Metabolic Disease," Dr. Sheila Collins, Research Triangle Park, NC, 4:00 p.m., 3-120 MCB, Minneapolis Campus.

Thursday, April 21

BioTechnology Institute, Prof. Bernhard Sonnleitner, Zurich University of Applied Sciences, Winterthur ZHW, "Feed Control," 3:30 p.m., 239 Gortner Laboratory, St. Paul Campus.

POSITION ANNOUNCEMENTS (Posted in notebook in 411 Borlaug Hall)

MINNESOTA STATE UNIVERSITY MOORHEAD

Instructor or Assistant Professor of Biology. Minimum of Master's degree or ABD with a

strong background in plant physiology. See <http://www.mnstate.edu/vacancy/Index.htm> for additional information and a link to the Standard Application Form. Closing date: April 18, 2005 and continue until position filled.

#### UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN

Assistant Professor of Soybean Systems and Extension Specialist. PhD in crop science or a closely related discipline is required. Closing date: May 6, 2005.

#### KANSAS STATE UNIVERSITY

Graduate Research Assistantship, Plant Stress Physiology, Manhattan, KS. B.S. or M.S. degree in Botany/Plant Sciences, Agronomy, or closely related discipline. Date available: Fall, 2005. <http://www.oznet.ksu.edu/agronomy>.

#### MONTANA STATE UNIVERSITY

Postdoctoral Research Scientist, Project Manager, MSU Northern Agricultural Research Center, Havre, MT. PhD in agronomy, plant science or closely related field. Position will remain open until filled. <http://scarab.msu.montana.edu/spm>

#### MICHIGAN INTEGRATED FOOD & FARMING SYSTEMS (MIFFS).

Executive Director, East Lansing, MI. Closing date: April 29, 2005. [http://www.miffs.org/asp/jobposting.asp?st\\_id=14](http://www.miffs.org/asp/jobposting.asp?st_id=14)

#### UNIVERSITY OF MINNESOTA EXTENSION

Regional Extension Educator, Natural Resources Management and Utilization, Agroforestry and renewable energy production, Extension Regional Center, Brainerd, Minn. A completed Master's Degree with at least one degree in forestry, agroforestry, natural resources or a closely related field. Review of applications to begin May 20, 2005.

#### UNIVERSITY OF NEBRASKA-LINCOLN

Irrigated Cropping Systems Specialist, Assistant Professor, Institute of Agriculture and Natural Resources. PhD in Agronomy, Crop Science or related area. Review of applications will begin: May 20, 2005.

#### UNIVERSITY OF NEBRASKA-LINCOLN

Irrigated Weed Specialist, Assistant Professor, Institute of Agriculture and Natural Resources. PhD in Weed Science, Agronomy, Crop Science or related area. Review of applications will begin: May 20, 2005.

Agronomy Gleanings, April 25, 2005

4/25/2005 8:00 AM

## AGRONOMY GLEANINGS

Department of Agronomy and Plant Genetics, University of Minnesota

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PHONE (612) 625-7773; FAX (612) 625-1268; E-MAIL [agro@mail.coafes.umn.edu](mailto:agro@mail.coafes.umn.edu)

WEB <http://agronomy.coafes.umn.edu/>

April 25, 2005

## ANNOUNCEMENTS

Congratulations! Dr. Craig Sheaffer will receive the Distinguished Teaching Award (tenured faculty) for 2005 at the College Assembly on May 9, 9:30-11:30 at the Cargill Building. This award recognizes his efforts to further the mission and goals of the Department of Agronomy and Plant Genetics and the College of Agricultural, Food and Environmental Sciences.

COAFES Assembly, Monday, May 9, Rm. 105 Cargill Building for Microbial and Plant Genomics, 9:30 to 11:30 a.m.

Cyrus Mahmoodi won a 2004 Award for Outstanding Performance as a Teaching Assistant in CBS. Way to go, Cyrus!

Professional e-mail guidelines:

<http://www1.umn.edu/umcf/resource/emailguide.html>

Shape Up Challenge Winner - Week 2. Victoria Bublyk (from Keith Henjum's team, the Rumenators) is the winner of a \$20 Red Lobster gift certificate for Week 2 of the Shape Up Challenge. Congratulations Victoria!

Bollum Symposium, Department of Biochemistry, Molecular Biology and Biophysics, selected topics in computational biochemistry and molecular biology, Wednesday May 4, 1:00-5:00 PM, 2-690 Moos Tower.

## SEMINARS

Tuesday, April 26

Plant Biological Sciences, Dr. Jean Pan, Post-Doctoral Associate, Dept. of EEB, University of Minnesota, "Fungal Endophytes: A Look Beneath the Surface of Plants," 3:30 p.m., 335 Borlaug Hall.

Wednesday, April 27

Minnesota Institute for Sustainable Agriculture and What's Up in Sustainable Agriculture, "What's Up With the Student Farm?," Students from the Student Farm

Planning Class Spring 2005, 12:00 noon, 306 Borlaug Hall.

Wednesday, April 27

Cargill/MPG Building Research Seminar Series, Michelle Riehle, "The genetics of Plasmodium falciparum resistance loci in a natural Anopheles gambiae population," and Yiping Qi, "Toward isolation and characterization of the protein complexes containing the Arabidopsis disease resistance proteins RPS2 and RPM1," 12:00pm, Seminar Room 105, Cargill Building for Microbial and Plant Genomics, 1500 Gortner Avenue, St. Paul Campus. Soda and cookies will be served.

Wednesday, April 27

Biochemistry, Molecular Biology and Biophysics, Dr. Arwen Pearson, "Probing the Biogenesis of Tryptophan Tryptophylquinone, the Novel Protein Derived Cofactor of Methylamine Dehydrogenase," 4:00 p.m., 3-120 MCB, Minneapolis Campus.

Thursday, April 28

Biotechnology Institute, Meghana Malur, Masters Student in Microbial Engineering, University of Minnesota, "Role of C5a Peptidase in Intracellular Invasion of Group A Streptococci," 9:00 a.m., 239 Gortner Laboratories, St. Paul Campus.

Thursday, April 28

BioTechnology Institute, Andrew Odlyzko, Digital Technology Center, University of Minnesota, "The Future of Bioinformatics at the University of Minnesota," 3:15 p.m., 2-120 Weaver-Densford Hall, Minneapolis Campus.

Tuesday, May 3

Plant Biological Sciences, Dr. Michael Sanderson, University of California, Davis, "Prospects for assembling the tree of life from large sequence databases," 3:30 p.m., 335 Borlaug Hall.

#### POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

#### KANSAS STATE UNIVERSITY

Assistant Agronomist, Department of Agronomy, Manhattan, Kansas. M.S. in Plant Breeding and Genetics (Agronomy, Plant Science, or closely related discipline) and experience in conducting plant breeding work. Screening of candidates begins: May 15, 2005.

Agronomy Gleanings, May 4, 2005

5/4/2005 8:00 AM

## AGRONOMY GLEANINGS

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WEB <http://agronomy.coafes.umn.edu/>

May 4, 2005

## ANNOUNCEMENTS

Shape Up Challenge Winner - Week 3. Eliza Anderson from the Frijoleiros is the winner of a \$20 Red Lobster gift certificate for Week 3 of the Shape Up Challenge. Congratulations, Eliza!

Shape Up Challenge Bulletin Board. Marilyn has completed a bulletin board for the Shape Up Challenge on the third floor hallway of Hayes Hall. Check it out.

Bollum Symposium, Department of Biochemistry, Molecular Biology and Biophysics, selected topics in computational biochemistry and molecular biology, Wednesday May 4, 1:00-5:00 PM, 2-690 Moos Tower.

Spring College Assembly, Monday, May 9, 9:30 to 11:40 a.m., 105 Cargill Building for Microbial and Plant Genomics. The agenda will feature discussion of the details of strategic positioning that will be updated at the end of this week, as well as how the process should proceed. In addition, we will have a discussion with recently-arrived Vice President for Research Tim Mulcahy and recognition of those in our community who are receiving several honors and awards. Light lunch at 11:40 a.m.

32nd Annual H.K. Hayes Memorial Lecture and Hayes Graduate Student Award, "Achieving the UN Millennium Development Goals on Hunger: Working at Different Scales," by Dr. Pedro Sanchez, Director of Tropical Agriculture, Columbia University, World Food Prize Laureate. Dr. Sanchez will be speaking live via satellite video from the UN Building in Nairobi, Kenya, Wednesday, May 25, 2005.

H.K. Hayes Graduate Student Award: 3:00-3:30 p.m., 105 Cargill Building for Microbial and Plant Genomics

H.K. Hayes Memorial Lecture: 3:30-4:30 p.m., 105 Cargill Building

Reception: 4:30-5:30 p.m., Atrium, Cargill Building

1st Annual Institute for Molecular Virology (IMV) Symposium, "Structure Evolving into Function," 8:00 am-5:00 pm, Thursday, May 5, 2005 at the Coffman Memorial Union Theater. Program available on the IMV website: [www.virology.umn.edu](http://www.virology.umn.edu)

## SEMINARS

Wednesday May 4

Horticultural Science and Agronomy and Plant Genetics, "A Bitter Pill to Swallow? Medicine and Other Uses From Invasive Weeds," Joy Borchardt, APS M.S. Graduate Student, 3:30 p.m., 310 Alderman Hall.

Thursday, May 5

BioTechnology Institute, Prof. Scott McIvor, Dept. of Genetics, Cell Biology, and Development, Univ. of Minnesota, "Commercial Development of the Sleeping Beauty Transposon System at Discovery Genomics, Inc.," 3:30 p.m., 239 Gortner Laboratory.

Monday, May 16

Special Seminar, Agronomy and Plant Genetics and Biosystems and Agricultural Engineering, "Mapping Invasive Species Distribution and Prioritization for Management," Dr. Bruce Maxwell, Professor, Land Resources and Environmental Sciences Department, Bozeman, MT, 3:30 p.m., 306 Borlaug Hall. Hosts: Don Wyse, John Nieber and Caleb Arika

## POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

### NORTH DAKOTA STATE UNIVERSITY

Research Specialist, North Central Research Extension Center, Minot, ND. B.S. Degree. Screening date: 5/6/05. <http://www.ndsu.nodak.edu/ndsu/jobs/broadbanded/positions/ncresspec00020521.shtml>

### KANSAS STATE UNIVERSITY

Graduate Research Assistantship, Weed Physiology, Department of Agronomy, Manhattan, KS. B.S. or M.S. degree in Agronomy, Weed Science, Plant Physiology or related discipline. Deadline: Applications accepted until position filled.

### USDA, REE, ARS

Research Plant Pathologist, U.S. Vegetable Laboratory, Charleston, South Carolina. Degree: Plant Pathology or a related scientific discipline. Closing date: June 8, 2005. <http://www.afm.ars.usda.gov/hrd/jobs/apply.htm>

Agronomy Gleanings, May 11, 2005

5/11/2005 8:00 AM

## AGRONOMY GLEANINGS

Department of Agronomy and Plant Genetics, University of Minnesota

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WEB <http://agronomy.coafes.umn.edu/>

May 11, 2005

## ANNOUNCEMENTS

Shape Up Challenge Winner - Week 4. Beth Nelson of the 'Sustainable Bodies' is the weekly drawing winner for a \$20 gift card from Olive Garden. Congratulations Beth!

2005 Ag Professional Field School, July 19-20, SWROC-Lamberton, Minnesota.

Details: <http://www.extension.umn.edu/cropenews/2005/05MNCN24ann.htm>

Wellness Walks, First Wednesday of each month, May 4, June 1, July 6, August 3, and September 7, 1:03 p.m. For more information, <http://www.umn.edu/ohr/eb/wellness>

Election of new APS-Graduate Student Association (GSA) officers for 2005/2006:

President: Jen Jacobs

Vice President: Vance Whittaker

Secretary: Matt Walch

Treasurer: Kari Eichstaedt

Track Reps:

Agroecology: Lois Braun

Plant Breeding: Alex Kahler

Horticulture: Adriana Telias

General: Kari Eichstaedt

COGS Representative: Toi Tsilo

The 2nd Annual Alumni Golf Scramble for Scholarships. Enjoy a round of golf with fellow grads and friends of the U of M and help support scholarships for students in the College of Agricultural, Food and Environmental Sciences, Les Bolstad U of M Golf Course, Monday, July 11. For more details, contact Roger Caspers (5-1994) or <http://alumni.coafes.umn.edu/golf>

32nd Annual H.K. Hayes Memorial Lecture and Hayes Graduate Student Award, "Achieving the UN Millennium Development Goals on Hunger: Working at Different Scales," by Dr. Pedro Sanchez, Director of Tropical Agriculture, Columbia University, World Food Prize Laureate. Dr. Sanchez will be speaking live via satellite video from the UN Building in Nairobi, Kenya, Wednesday, May 25, 2005.

H.K. Hayes Graduate Student Award: 3:00-3:30 p.m., 105 Cargill Building for Microbial

and Plant Genomics

H.K. Hayes Memorial Lecture: 3:30-4:30 p.m., 105 Cargill Building

Reception: 4:30-5:30 p.m., Atrium, Cargill Building

## SEMINARS

Wednesday, May 11

Cargill Building for Microbial and Plant Genomics Research Seminar Series, Barb May, Research Associate, Dept. of Microbiology, "Mycobacterium tuberculosis:

Understanding CNS infection," and Raka Mitra, Postdoctoral Associate, Dept. of Plant Biology, "Arabidopsis thaliana gene expression in response to the virulent bacterial pathogen Pseudomonas syringae," 12:00 pm, Seminar Room 105, Cargill Building for Microbial and Plant Genomics, 1500 Gortner Avenue, St. Paul Campus. Soda and cookies will be served.

Monday, May 16

Special Seminar, Agronomy and Plant Genetics and Biosystems and Agricultural Engineering, ?Mapping Invasive Species Distribution and Prioritization for Management,? Dr. Bruce Maxwell, Professor, Land Resources and Environmental Sciences Department, Bozeman, MT, 3:30 p.m., 306 Borlaug Hall. Hosts: Don Wyse, John Nieber and Caleb Arika

## POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

None this week.



Agronomy Gleanings, May 18, 2005

5/18/2005 8:00 AM

## AGRONOMY GLEANINGS

Department of Agronomy and Plant Genetics, University of Minnesota

411 Borlaug Hall, 1991 Buford Circle, St. Paul, MN 55108

PHONE (612) 625-7773; FAX (612) 625-1268; E-MAIL [agro@mail.coafes.umn.edu](mailto:agro@mail.coafes.umn.edu)

WEB <http://agronomy.coafes.umn.edu/>

May 18, 2005

## ANNOUNCEMENTS

Shape-Up Challenge Week 5 Results. The drawing winner is Tim Kuphal of 'Muelhbauer's Motley Mob'. The challenge is now over. Get your final (week 6) points in to your team captain. We will be holding a wrap-up lunch. Watch for details.

2005 Field School for Ag Professionals, July 19-20, SWROC-Lamberton, Minn. Register online: <http://www.iap.umn.edu>

The 2nd Annual Alumni Golf Scramble for Scholarships. Enjoy a round of golf with fellow grads and friends of the U of M and help support scholarships for students in the College of Agricultural, Food and Environmental Sciences, Les Bolstad U of M Golf Course, Monday, July 11. For more details, contact Roger Caspers (5-1994) or <http://alumni.coafes.umn.edu/golf>

32nd Annual H.K. Hayes Memorial Lecture and Hayes Graduate Student Award, "Achieving the UN Millennium Development Goals on Hunger: Working at Different Scales," by Dr. Pedro Sanchez, Director of Tropical Agriculture, Columbia University, World Food Prize Laureate. Dr. Sanchez will be speaking live via satellite video from the UN Building in Nairobi, Kenya, Wednesday, May 25, 2005.

H.K. Hayes Graduate Student Award: 3:00-3:30 p.m., 105 Cargill Building for Microbial and Plant Genomics

H.K. Hayes Memorial Lecture: 3:30-4:30 p.m., 105 Cargill Building

Reception: 4:30-5:30 p.m., Atrium, Cargill Building

## SEMINARS

Wednesday, May 18

Biochemistry, Molecular Biology & Biophysics, "Fatty acid transport proteins and the insulin resistance syndrome," Dr. Rachel Fisher, Karolinska Institutet, Stockholm, Sweden, 4:00 p.m., 2-137 Jackson Hall, Minneapolis Campus.

Thursday, May 19

BioTechnology Institute, Dave Mills, University of California, Davis, "The microbial ecology of wine: a new look at an age-old fermentation," 3:30 p.m., 105 Cargill Building, St. Paul Campus.

Monday, May 23

Plant Biology, Dr. Sheila McCormick, USDA/ARS Plant Gene Expression Center, UC-Berkeley, "Signaling during pollen tube growth," 3:00 p.m., 105 Cargill Bldg.

Wednesday, May 25

Plant Biology, Dr. Steve Clark, University of Michigan/Ann Arbor, "Gene family analysis: Implications for transcription factors and signaling," 1:00 p.m., 105 Cargill Bldg., St. Paul Campus.

#### POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

#### UNIVERSITY OF KENTUCKY

Research and Teaching in Temperate/Transition Zone Grasslands, Department of Plant and Soil Sciences, Lexington, KY. PhD in agronomy, range science, plant science or related disciplines with research experience in grassland agroecosystems. Closing date: August 1, 2005 or until suitable applicant selected.

#### UNIVERSITY OF MISSOURI-COLUMBIA

Research Associate, Plant Sciences, College of Agriculture, Food and Natural Resources. PhD in Genetics or Molecular Biology with three years post-doctoral experience in genome mapping, genotyping technologies, and molecular genetics of plant species. Review of applications will begin: May 31, 2005.

#### UNIVERSITY OF MINNESOTA-EXTENSION

Regional Extension Educator-Crops (Soil-Water emphasis), Agriculture, Food and Environment (AFE), Extension Regional Center - Marshall or Mankato, Minn. Interview Location: St. Paul, Minn. Master's degree in agricultural/biosystems engineering, agronomy, plant science, soil science, natural/environmental resources or a related discipline required. Deadline: June 15, 2005; or until an acceptable candidate is identified.

Agronomy Gleanings, June 1, 2005

6/1/2005 8:00 AM

## AGRONOMY GLEANINGS

Department of Agronomy and Plant Genetics, University of Minnesota  
411 Borlaug Hall, 1991 Buford Circle, St. Paul, MN 55108  
PHONE (612) 625-7773; FAX (612) 625-1268; E-MAIL  
agro@mail.coafes.umn.edu  
WEB <http://agronomy.coafes.umn.edu/>

June 1, 2005

## ANNOUNCEMENTS

Farewell Coffee, for Martin Medina, Thursday, June 2, 3:00 p.m., 408 Hayes Hall.

Shape Up Challenge Lunch, Wednesday, June 8, 12:00 noon, 306 Borlaug Hall.

It's a Boy! Penny and Shahryar Kianian had a baby boy on Tuesday, May 24th, 12:06 p.m. Weight: 9 lbs, 1 oz, 21 inches long. Everybody is doing fine - resting!

Greenhouse Space Request Forms are due June 15th. We prefer that you use the on-line form at <http://greenhouses.coafes.umn.edu>. Both Pam and Roger will receive a copy of your request form.

Congratulations! Paul Werner, an undergraduate in the Department, was named Outstanding Senior by ASA.

A Confidential Paper Destruction (Non- Shredding Destruction) container is located in the Xerox Room, 412 Borlaug Hall. The University of Minnesota Recycling Program offers collection of confidential or sensitive office paper as a free service to University departments. They will provide collection of small to very large quantities of confidential paper directly from our office through the use of lockable recycling bins. They take these locked bins to the Como Recycling Facility where the paper is placed in the center of a bale of office paper (1300-1400 lbs). Approximately 32 of these bales (22 tons) are shipped weekly to a paper recycling mill where all University paper is handled confidentially and destroyed by pulping.

Third Annual Symposium on Small Towns, "Shaping Our Future," June 7-8, 2005, the University of Minnesota, Morris. For more information and on-line registration: <http://www.centerforsmalltowns.org>. Registration deadline: June 2, 2005.

Robotics Seminar. Robotic harvesters, driverless tractors, automated greenhouse robotic workstations, and robots replacing the repetitive and dangerous tasks in the food processing/manufacturing industries are all possibilities for the future. The potential for

robotics is one reason our College, the Institute of Technology and the Department of Biosystems and Agricultural Engineering are co-sponsoring a seminar by Helen Greiner, Co-founder and Chairman of the Board for the company iRobot

(<http://www.irobot.com/home.cfm>). Greiner will present a seminar at the University of Minnesota on June 14, 2005 at 2:30 p.m. in room 1-130 in Mechanical Engineering. For more information: <http://www.coafes.umn.edu/robotics.html>

2005 Field School for Ag Professionals, July 19-20, SWROC-Lamberton, MN. Register today at <http://www.iap.umn.edu>

## SEMINARS

Wednesday, June 1

Plant Biology, Dr. Judy Callis, University of California, Davis, "Cis and Trans Domains in Proteolysis," 3:00 p.m., 105 Cargill Bldg., St. Paul Campus.

Monday, June 6

Plant Biology, Dr. Shuqun Zhang, University of Missouri, "MAP kinases in plant defense signaling: from enzymatic activity to biological functions," 3:00 p.m., 105 Cargill Bldg., St. Paul Campus.

Wednesday, June 8

Plant Biology, Dr. Jeff Harper, University of Nevada/Reno, "Coding and Decoding Calcium Signals in Plants," 3:00 p.m., 105 Cargill Bldg., St. Paul Campus.

## POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

### UNIVERSITY OF GUELPH

Chair, Department of Plant Agriculture, Ontario Agricultural College (OAC), Canada. PhD and record of scholarly accomplishments in one of the disciplines in Plant Agriculture. Closing date: August 31, 2005. <http://www.plant.uoguelph.ca>

### UNIVERSITY OF MINNESOTA, EXTENSION

Regional Extension Educator (REE), Soil-Water Management, Agriculture, Food and Environment (AFE), Extension Regional Center, Marshall or Mankato, Minn. Master's degree in agricultural/biosystems engineering, agronomy, plant sciences, soil science, natural/environmental resources or a related discipline is required. Closing date: June 15, 2005. <http://www.extension.umn.edu/units/director/hr/positions.html>

### SOUTH DAKOTA STATE UNIVERSITY

Assistant Professor, Seed Biotechnology/Molecular Biology, Plant Science Department, Brookings, SD. PhD degree in Agronomy or closely related field is required. Application deadline: July 1, 2005 or until position filled.

**SOUTH DAKOTA STATE UNIVERSITY**

Assistant Professor, Seed Physiology, Plant Science Department, Brookings, SD. PhD degree in Agronomy or closely related field is required. Application deadline: July 1, 2005 or until position filled.

Agronomy Gleanings, June 14, 2005

6/14/2005 8:00 AM

## AGRONOMY GLEANINGS

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411 Borlaug Hall, 1991 Buford Circle, St. Paul, MN 55108

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WEB <http://agronomy.coafes.umn.edu/>

June 14, 2005

## ANNOUNCEMENTS

Dr. Bill Brun, U of M Agronomy Department professor emeritus, living in Wilsonville, Oregon, stopped by the department on Monday, June 13th to say hello. He was in St. Paul to attend his grandson's graduation. He has just returned from a National Audubon Society African Safari. Both Dr. Brun and Margaret are in good health.

Crops Field Day at Southern Research and Outreach Center, Waseca. Corn and soybean growers in southern Minnesota, crop advisers, and others interested in crop production are invited to attend the University of Minnesota Southern Research and Outreach Center's Agronomy Field Tour on Tuesday, June 21. Registration for the tour, being held at the SROC in Waseca, begins at 8:00 a.m., and the tour follows promptly at 8:30 a.m. For more information, contact Tom Hoverstad or Jeff Vetsch at 507-835-3620.

Organic Field Tour at Southern Research and Outreach Center, Waseca. Organic growers and people interested in organic farming are invited to attend an Organic Field Tour hosted by the University of Minnesota Southern Research and Outreach Center at Waseca and the UM Extension Service. The event will be held on Wednesday, June 22 with registration and refreshments beginning at 8:30 a.m. Traveling in an air-conditioned coach, the field tour begins at 9 a.m., and the bus will return to Waseca at 3 p.m. Lunch will be provided by Sunrich in Hope, Minnesota. For more information, contact Dan Miller at the SROC at 507-837-5652.

Free Summer Concerts at Northrop and the St. Paul Campus. Full schedule at: <http://www1.umn.edu/umato/summer.html>

Farewell Tea for Sandee Gould, Scientist, Plant Disease Clinic, Plant Pathology Department, Thursday, June 30, 3:00 p.m., 491 Borlaug Hall.

The Golf Scramble for Scholarships will be held at the Les Bolstad University of Minnesota Golf Course on Monday, July 11, 2005. The 11:00 a.m. shotgun start will be followed by a light meal and an awards presentation. You can find the registration form and more information at <http://alumni.coafes.umn.edu/golf>

2005 Field School for Ag Professionals, July 19-20, SWROC-Lamberton, MN. Register today at <http://www.iap.umn.edu>

## SEMINARS

None this week.

## POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

### UNIVERSITY OF MISSOURI, COLUMBIA

Assistant or Associate Professor, Turfgrass Management, Division of Plant Sciences, College of Agriculture, Food and Natural Resources. PhD in horticulture, agronomy or a related discipline with education and/or experience in turfgrass production and management. Closing date: September 1, 2005.

### ARKANSAS STATE UNIVERSITY

Assistant Professor of Soil and Water Conservation, Jonesboro, AR. PhD in Environmental Sciences, Soil Science, Agronomy, Agricultural Engineering, or related field. Closing date: July 30, 2005.

Agronomy Gleanings, June 28, 2005

6/28/2005 8:00 AM

## AGRONOMY GLEANINGS

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411 Borlaug Hall, 1991 Buford Circle, St. Paul, MN 55108

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agro@mail.coafes.umn.edu

WEB <http://agronomy.coafes.umn.edu/>

June 28, 2005

## ANNOUNCEMENTS

Independence Day, Monday, July 4. University offices will be closed.

Congratulations! Howard Rines has been awarded the USDA/ARS Midwest Area Equal Employment Opportunity (EEO) Award. He received the award for his efforts to insure that Dick Halstead could remain in his position while having a severe health condition, his efforts in mentoring young people, participating as a judge in numerous science fairs, and hosting many laboratory tours.

## Summer Field Days

- Tuesday, July 5, Crop Management Tour, Potsdam
- Thursday, July 7, Crop Management Tour, Rochester
- Friday, July 8, West Central Research and Outreach Center, Morris
- Wednesday, July 13, Northwest Research and Outreach Center, Crookston
- Thursday, July 14, Southwest Research and Outreach Center, Lamberton

2005 Field School for Ag Professionals, July 19-20, Lamberton, MN. The Field School is offered as a hands-on, in-field program emphasizing crop and pest management diagnostic skill building in field crops. This program is targeted towards agronomists, salespeople (seed, ag chemicals, fertilizer), crop consultants, agency personnel, farm managers, and summer scouts. Don't miss this excellent opportunity to sharpen your crop management skills! More information: <http://www.extension.umn.edu/cropenews/2005/05MNCN34ann.htm>

2005 Upper Midwest Manure Handling Expo, "Manure Handling for the 21st Century," August 11, Waseca, MN. For details: <http://sroc.coafes.umn.edu/>

Apartment for rent Fall Semester. Furnished, one bedroom apartment, in quiet, non-smoking building; two blocks from University of Minnesota, St. Paul Campus. \$600/month, including utilities. No pets. Call 651-645-6294 or 218-273-4918.



## SEMINARS

Wednesday, June 29

Applied Plant Sciences, M.S. Thesis Defense, "Investigating the genetics of resistance to FHB in the six-rowed hulless barley accession Hor211," Ahmad H. Sallam, 9:00 am, 306 Borlaug Hall.

Thursday, June 30

Applied Plant Sciences, M.S. Thesis defense, "Turfgrass Irrigation Scheduling and Water Conservation: An Evaluation of ET Estimation, Capacitance Sensors, and Deficit Irrigation," Jon Sass, M.S. student in turfgrass research, 10 a.m, 310 Alderman Hall.

Tuesday, July 5

Applied Plant Sciences, Ph.D. Defense, Irina Makarevitch, "Characterization of Plant Topoisomerase II and Investigation of its Role in the Processes of Transgene Integration into Plant Genome," 10:00 am, 306 Borlaug Hall.

Tuesday, July 5

Alternative Swine Production Systems Candidate, West Central Research and Outreach Center and the Department of Animal Science, 10:30 a.m., 385 AS/VM. Dr. Yuzhi Li is currently a Research Assistant, Applied Ethology Department, Prairie Swine Centre Inc., Saskatoon, Saskatchewan, Canada. She holds a Bachelor of Science degree from Shenyang Agricultural University, China, a Master of Science degree from Northeast Agricultural University China, and a Doctor of Philosophy from Hiroshima University, Japan.

Monday, July 11

Alternative Swine Production Systems Candidate, the West Central Research and Outreach Center and the Department of Animal Science, 10:30 a.m., 365 Haecker. Dr. Kate Breuer is currently a Consultant Researcher, ADAS consulting Ltd, Turrington, UK. She holds a Bachelor of Science degree from Monash University, a Master of Science degree from Monash University and a Doctor of Philosophy from Monash University.

Monday, July 18

Alternative Swine Production Systems Candidate, the West Central Research and Outreach Center and the Department of Animal Science, 11:00 a.m., 120 Coffey. Dr. Leena Anil is currently a Research Associate in Veterinary Population Medicine at the University of Minnesota. She holds a Bachelor of Science degree from Kerala Agricultural University in India, a Master of Science degree from the same university and a Doctor of Philosophy from the University of Reading in the UK.

POSITION ANNOUNCEMENTS (Posted in notebook in 411 Borlaug Hall)

KANSAS STATE UNIVERSITY

Assistant Scientist, Department of Agronomy, Manhattan, KS. B.S. or M.S. in soil

science, agronomy, ecology, or related field. Screening of candidates will begin June 17, 2005, and continue until position filled.

**USDA, REE, ARS**

Research Agronomist/Soil Scientist, Northwest Irrigation and Soils Research Lab, Kimberly, ID. Closing date: July 22, 2005.

**NORTH DAKOTA STATE UNIVERSITY**

Research Specialist, Livestock, Carrington R/E Center, Carrington, ND. B.S. or M.S. in animal science with emphasis on ruminant nutrition and research experience. Closing date: July 8, 2005.

**SYNGENTA SEEDS, INC.**

Greenhouse technician, Molecular Marker Team, Stanton, MN. BA/BS degree in Plant Sciences or a minimum of three years working in the field.

**UNIVERSITY OF MISSOURI-COLUMBIA**

Extension Associate, IPM/PAT Coordinator, Division of Plant Sciences. MS degree and training in weed science, horticulture, agronomy, plant pathology or entomology. Closing date: July 29, 2005.

Agronomy Gleanings, July 12, 2005

7/12/2005 8:00 AM

## AGRONOMY GLEANINGS

Department of Agronomy and Plant Genetics, University of Minnesota

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WEB <http://agronomy.coafes.umn.edu/>

July 12, 2005

## ANNOUNCEMENTS

Field Day, Wednesday, July 13, 8:00 a.m. to 1:00 p.m., Northwest Research and Outreach Center, Crookston, Minn. <http://www.nwroc.umn.edu>

U of M Day at the SWROC, July 14. Located at the Southwest Research and Outreach Center in Lamberton. For more information, call (507) 752-7372.

Farm Fest, August 2 - August 4. Come visit the University of Minnesota tent at Farm Fest, located next to the Forum tent. Faculty are scheduled to talk daily about their areas of research. Website: <http://www.farmshows.com/farm/ffst/index.po>

## SEMINARS

Tuesday, July 12

Special Seminar on Modelling Plant Growth, 3:00 p.m., 306 Borlaug Hall. "Modelling of biological processes: From Cells to Ecosystems," Dr. Jim Hanan, ARC Centre of Excellence for Integrative Legume Research, ARC Centre for Bioinformatics, ARC Centre for Complex Systems, and Advanced Computational Modelling Centre, University of Queensland, Brisbane, Australia 4072.

## POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

### KANSAS STATE UNIVERSITY

Professor/Unit Head, Western Kansas Agricultural Research Centers (WKARC), Hays, Kansas. Earned doctoral degree in an agricultural science or closely related area.

Closing date: September 1, 2005, and will continue until filled.

### KANSAS STATE UNIVERSITY

Postdoctoral Research Associate, Department of Agronomy, Manhattan, KS. PhD in soil science, agronomy, ecology or related field. Application deadline: July 15, 2005.

#### KANSAS STATE UNIVERSITY

Research Associate, Department of Agronomy, Manhattan, KS. PhD in plant breeding, agronomy, genetics, or related field. Application deadline: June 27, 2005 and will continue until filled.

#### UNIVERSITY OF WISCONSIN-MADISON

Assistant Professor of Agronomy. Degree and area of specialization: earned doctorate in Agronomy, Weed Science, Range Science, Natural Resources Management, or a closely related discipline. Closing date: September 16, 2005. [http://www.ohr.wisc.edu/pvl/pv\\_050818.html](http://www.ohr.wisc.edu/pvl/pv_050818.html)

#### CONCORDIA UNIVERSITY

Term Faculty position in Biology for the upcoming school year, Department of Natural Sciences. The position includes teaching the following courses: General Education Biology, Biology I for Majors, and Biochemistry. <http://www2.csp.edu/humanresources/>

#### USDA, ARS

Research Geneticist (Plants)/Research Plant Pathologist, GS-12/13/14, Soybean/Maize Germplasm, Pathology and Genetics Research Unit, University of Illinois, Urbana-Champaign. PhD or equivalent doctoral degree in the field or closely related science. Closing date: August 1, 2005. <http://www.afm.ars.usda.gov/divisions/hrd/index.html>

Agronomy Gleanings, July 29, 2005

7/29/2005 8:00 AM

## AGRONOMY GLEANINGS

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WEB <http://agronomy.coafes.umn.edu/>

July 29, 2005

## ANNOUNCEMENTS

Agronomy Annual Corn Feed, Thursday, August 4, 12 noon, 306 Borlaug Hall, \$3.00. Hotdogs, cucumbers, tomatoes, lemonade, and all the corn you can eat. Please pass the word to all Agronomy personnel.

### Birth Announcements—

- Carroll and Michele Vance wish to announce the arrival of their first grandchild, Kennedy Ellen, born Wednesday, July 13, weighing 6 lbs 7 oz. Proud parents are Colleen and Shawn Raboin.

- Emily and Ed Conley are the proud parents of a baby boy, Joseph William, born Wednesday, July 13, around 4:00 a.m., weighing 7 lbs 4 oz and 20 ½ in long.

- Tracy and Chris O'Neill are the proud parents of Liam Christopher, born July 22, at 12:16 a.m., weighing 8 lbs., 13 ounces and 21 inches long. Ava Sererina, 2 yrs old, is Liam's big sister.

Farm Fest, August 2 to August 4 at the Gilfillan Estate in Redwood County. For more information: <http://www.farmshows.com/farm/ffst/index.po>

Minnesota Food Association Summer Festival, Friday, August 5, 5:00 p.m. to 9:00 p.m., Marine on St. Croix. Please RSVP by August 1st. <http://www.mnfoodassociation.org>

Cornercopia, the Student Organic Farm, will have a market stand on Thursdays from 4-6 p.m. on the St. Paul Campus. The stand will be located on Gortner Avenue, just north of the greenhouses. Stop by on your way home and pick up all sorts of tasty, healthy veggies for your supper stir fry.

UMore Park Open House, Thursday, August 18, 4:00-8:00 p.m., Rosemount, MN. For more information, visit <http://www.umorepark.umn.edu> or call 651-423-2455.

Beef/Forage Day, Thursday, August 25, 9:00 a.m. to 2:00 p.m., North Central Research and Outreach Center, Grand Rapids, MN. For more information call 218-327-4490.

## SEMINARS

None this week.

## POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

### UNIVERSITY OF MINNESOTA

Post Doctoral Research Associate, St Paul. Functional genomics of plant adaptation to P-deficiency stress. This is a collaborative project with Dr. Deborah Allan, UMN and Dr. Carroll Vance, USDA-ARS. Applications will be considered until a suitable candidate is identified.

### UNIVERSITY OF ILLINOIS, URBANA-CHAMPAIGN

Assistant Professor of Phytobacteriology, Department of Crop Sciences. PhD in plant pathology or closely related discipline. Closing date: September 12, 2005.

### UNIVERSITY OF ILLINOIS, URBANA-CHAMPAIGN

Assistant/Associate Professor of Soil Fertility and Nutrient Management, Department of Crop Sciences. PhD in soil science or closely related area with an emphasis in soil fertility and/or applications of soil chemistry to plant nutrient issues. Closing date: September 12, 2005.

### UNIVERSITY OF ILLINOIS, URBANA-CHAMPAIGN

Assistant Professor of Plant Pathology specializing in the genetics of host-pathogen interactions and host resistance, Department of Crop Sciences. PhD in plant pathology or closely related field. Closing date: September 12, 2005.

### USDA, REE, ARS

Research Plant Pathologist, Subtropical Plant Pathology Research Unit, Ft. Pierce, Florida. Degree in plant pathology or a related scientific discipline. Closing date: August 11, 2005.

### PIONEER HI-BRED

Senior Research Associate, Maize Nurseries and Research Seed Production, Puerto Vallarta, Mexico. MS degree in plant breeding, agronomy or related field or a BS degree and at least five years of experience in a similar position.

Agronomy Gleanings, August 10, 2005

8/10/2005 8:00 AM

## AGRONOMY GLEANINGS

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WEB <http://agronomy.coafes.umn.edu/>

August 10, 2005

## ANNOUNCEMENTS

2005 ASA-CSSA-SSSA International Annual Meetings, Salt Lake City, Utah, November 6-10. Register on-line at: <http://www.saltlake-2005.org>. Professional Program Preregistration deadline: Tuesday, September 27, 2005.

Manure Handling for the 21st Century. The third biennial Regional Manure Handling Expo will be held in Waseca, Minnesota on August 11, 2005, 8:00 a.m. to 5:00 p.m. at the University of Minnesota Southern Research and Outreach Center. <http://www.mnmanure.com>

UMore Park Open House, Thursday, August 18, 4:00-8:00 p.m., Rosemount, MN. Free & fun activities for the whole family! Enjoy hay rides, explore gardens, tour University research. Fresh sweet corn & lemonade. For more information, <http://www.umorepark.umn.edu> or call 651-423-2455.

Beef/Forage Day, Thursday, August 25, 9:00 a.m. to 2:00 p.m., North Central Research and Outreach Center, Grand Rapids, MN. For more information call 218-327-4490.

Waseca Open House, September 15, Southern Research and Outreach Center, Waseca, MN. For more information, <http://sroc.coafes.umn.edu/>

Minnesota Food Association, USDA Risk Management Agency. Risk has always been a part of Agriculture. Dramatic changes in Minnesota farming have created new opportunities, and new risks. Join us to learn more: September 17-18, 2005, LAO Family Center, 320 West University Avenue, St. Paul, MN 55103. For more information contact: Alvaro Rivera, 651.433.3676 Ext. 13, [arivera@mnfoodassociation.org](mailto:arivera@mnfoodassociation.org) or Yimeem Vu, 651.433.3676 Ext. 14, [yvu@mnfoodassociation.org](mailto:yvu@mnfoodassociation.org)

Thank you from Lee Hardman. I am sorry to be so late in thanking all of you for attending my retirement party, writing a kind note, contributing to the gift, but I guess it's better late than never. I really enjoyed all the events leading up to my official retirement on May 1 and want to thank you from the bottom of my heart for your part in making it a memorable event.

The time has really flown in the last 3+ months. I have been busy with all kinds of outside work, separated by short trips around the area, as well as hosting visits of relatives and friends. We are going camping next week in the Black Hills and have a week-long retreat planned for northern Wisconsin in the second week of September (Honey Rock Camp, near Rhinelander).

Someone pointed out the following poem to me and I thought some of you might enjoy the message it conveys:

Sometime when you are feeling important,  
Sometime when your ego is in bloom,  
Sometime when you take it for granted you are the best qualified in the room,  
Sometime when you feel that your going would leave an unfillable hole,  
Just follow this simple instruction and see how it humbles your soul:  
Take a bucket.  
Fill it with water.  
Put your hand in it up to your wrist.  
Pull it out, and the hole that is remaining is a measure of how you will be missed.  
You may splash all you please when you enter.  
You can stir up the water galore.  
But stop and you will find in a minute that it looks quite the same as before.  
The moral in the example is to do the best you can.  
Be proud of yourself and what you have done, but remember, no one is indispensable.

Best wishes. I hope our paths cross again at some juncture in time or place.

--Lee Hardman

## SEMINARS

Monday, August 15

Dr. Matthew Hudson, Assistant Professor, University of Illinois, "Nanotechnology, bioinformatics & high performance computing: Tools to help us understand plant genomes," 3:00 pm, 105 Cargill Building.

## POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

None this week.



Agronomy Gleanings, August 23, 2005

8/23/2005 8:00 AM

## AGRONOMY GLEANINGS

Department of Agronomy and Plant Genetics, University of Minnesota

411 Borlaug Hall, 1991 Buford Circle, St. Paul, MN 55108

PHONE (612) 625-7773; FAX (612) 625-1268; E-MAIL [agro@mail.coafes.umn.edu](mailto:agro@mail.coafes.umn.edu)

WEB <http://agronomy.coafes.umn.edu/>

August 23, 2005

## ANNOUNCEMENTS

University Holiday, Labor Day, Monday, September 5, 2005. University offices will be closed.

Bev Durgan has been appointed the new dean and director for the University of Minnesota Extension Service, effective September 12 upon approval by the Board of Regents. Bev is currently the associate dean for research and outreach in the College of Agricultural, Food, and Environmental Sciences (COAFES).

Birth Announcement. Irina Makarevitch and Peter Levinshteyn wish to announce the arrival of Alexandra Patricia Levinshteyn, born on August 5 at 8:36 PM weighing in at 7 lb 2.4 oz and measuring 21 inches long. Mom and baby are doing fine.

The Center for Entrepreneurial Studies at the Carlson School of Management is creating a campus-wide faculty research discussion group to carry out and support cross-disciplinary research for those faculty members who have an interest in entrepreneurship and technology innovation. If interested, or for more information, contact Sharon Hansen at [shansen@csom.umn.edu](mailto:shansen@csom.umn.edu), or 624-0226.

Minnesota Food Association, New Immigrant Agriculture Project, The "New" Risks of Being a Farmer in Minnesota? Alvaro Rivera. <http://www.mnfoodassociation.org>

Community Involvement Fair, Wednesday, September 21, 10 a.m.-2 p.m., Coffman Memorial Union Great Hall. Want to help change the world without leaving the Twin Cities? Find a volunteer or internship opportunity that's right for you! More than 85 organizations working for social change will be at this year's Community Involvement Fair. This is a free event and registration is not required. Stop by and get involved. \$100 Bookstore giveaway! Find out more at <http://www.cclc.umn.edu/CIF>

Meeting Planner Forum, September 23, "180+ Ways to Transform Your Meetings," with Sue Tinnish, SEAL Inc., Chicago, Illinois Transforming Meetings through Interaction, Facilitation, Teambuilding, and Fun. Check our Web site for more information and to register for this event: <http://www.cce.umn.edu/conferencecenter/resources.html>. There is no fee for this seminar. Registration Begins: 8:00 a.m. Program Runs: 8:30-10:30

a.m. Location: Continuing Education and Conference Center, 1890 Buford Avenue, St. Paul, Minnesota. RSVP by September 20 at [rsvpforum@cce.umn.edu](mailto:rsvpforum@cce.umn.edu) or call 612-624-9799.

13th Annual Kuehnast Lecture, Friday, October 14, 3:30 p.m., 335 Borlaug Hall. Details: [http://www.climate.umn.edu/kuehnast\\_lecture](http://www.climate.umn.edu/kuehnast_lecture)

## SEMINARS

None this week.

## POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

None this week.

Agronomy Gleanings, September 7, 2005

9/7/2005 8:00 AM

## AGRONOMY GLEANINGS

Department of Agronomy and Plant Genetics, University of Minnesota

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WEB <http://agronomy.coafes.umn.edu/>

September 7, 2005

## ANNOUNCEMENTS

Congratulations! Morrison and Jennifer Jacobs are the proud parents of a baby boy, Adli Jayden (A.J.), born 4:59 a.m., Monday, August 29, 6 lbs 6 oz., 20 1/2 inches.

A Special Thank You to Dr. Vern Cardwell and Lynne Medgaarden for cleaning the kitchen in 302 Borlaug Hall. Thanks for doing such a great job!

Departmental Coffees. Please contact Morrison Jacobs ([jacob252@umn.edu](mailto:jacob252@umn.edu)) to volunteer to host a coffee. The coffees run from September through May of 2006. No one has signed up yet (the September coffee is still available).

New MAES/MDA High Security Containment Facility (the quarantine facility) web site: <http://www.mda.state.mn.us/quarantine/default.htm>

University Stores' 19th Annual Open House will showcase new products and more than 50 U-wide contract vendors, departments, and office-supply manufacturer representatives, Wednesday, September 14, 10 a.m.-2 p.m. (lunch 11 a.m.-1 p.m.), Radisson Hotel Metrodome, UMTC.

Southern Research and Outreach Center Fourth Annual Open House, Enhancing the Value of the Rural Landscape: "Healthy Foods, Healthy Lives," Thursday, September 15, 4-8 p.m. (supper 5-7 p.m.), Hwy. 14 and Co. Rd. 57, west edge of Waseca. For more information, see <http://sroc.coafes.umn.edu> or call 507-835-3620.

Employee Expense Worksheet Update. Employee Payment, (EP), document is now updated and available in the Forms Library at <http://www.fpd.finop.umn.edu/groups/ppd/documents/main/formhome.cfm> The enhancements and changes to the worksheet are listed below:

- The expense fields now accept more than five numeric characters.
- Simplification of maximum meal allowance text.
- Authorized signature line.
- Additional expense lines.
- Three lines are now available for CUFS account information.
- Foreign conversion rate field.

- The Miles field now accepts tenths of miles.
- The worksheet tabulates the miles and the mileage rate.

Biotechnology Trends, Past, Present, Future, International Symposium, Thursday, October 20, Cowles Auditorium, West Bank, University of Minnesota. Admission free of charge. Sponsored by University of Minnesota BioTechnology Institute.

## SEMINARS

Wednesday, September 7

Biochemistry, Molecular Biology & Biophysics, Dr. David Fushman, University of Maryland, College Park, MD, "Structure, Dynamics, and Ligand Interactions of Polyubiquitin Chains. Clues to Functional Diversity of Polyubiquitin," 4:00 p.m., 3-120 MCB, Minneapolis Campus.

Friday, September 9

Applied Plant Sciences, MS Thesis Defense, Kristine Moncada, "Assessment of AFLP-based Genetic Variation in Three Native Plant Species Across the State of Minnesota: Implications for Native Restorations," 1:30 p.m., 306 Borlaug Hall.

Tuesday, September 13

Plant Biological Sciences, Dr. George Weiblen, Assistant Professor, Plant Biology Dept., University of Minnesota/St. Paul, "Coevolution of pollinators, parasites, and parasitoids in the fig microcosm," 3:30 p.m., 335 Borlaug Hall.

Wednesday, September 14

What's Up in Sustainable Agriculture? and Minnesota Institute for Sustainable Agriculture present: Cornercopia, U of M Student Organic Farm Open House, 11:45 a.m., meet in 306 Borlaug Hall then out to the corner of Cleveland & Larpentuer Avenues, St. Paul Campus.

## POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

### UNIVERSITY OF MINNESOTA

Web and Database Development Specialist, Information Technology Specialist, College of Education and Human Development. Bachelor's degree, preferably in educational technology, telecommunications, networking technology, computer science, or other closely-related fields. Closing Date: September 7, 2005. <http://www.education.umn.edu>

### THE UNIVERSITY OF MONTANA

Associate Dean, Division of Biological Sciences, Missoula, Montana. Ph.D. or equivalent in a biological science. Closing date: September 12, 2005. <http://biology.dbs.umt.edu/dbs/>

**KANSAS STATE UNIVERSITY**

Assistant Scientist, Agronomy, Wheat Breeding, Manhattan, KS. BS in plant breeding, agronomy, genetics or related field or a BS in another field with relevant experience in plant science. Closing date: August 26, 2005 and continue until filled.

**WASHINGTON STATE UNIVERSITY**

Assistant Professor/Assistant Scientist, Soil Biology/Microbiology, Department of Crop and Soil Sciences, Pullman, WA. PhD in soil biology, microbiology or a closely related field. Closing date: December 1, 2005.

Agronomy Gleanings, September 13, 2005

9/13/2005 8:00 AM

## AGRONOMY GLEANINGS

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WEB <http://agronomy.coafes.umn.edu/>

September 13, 2005

## ANNOUNCEMENTS

University Stores 19th Annual Open House, Wednesday, September 14, 10:00 a.m.-2:00 p.m., Radisson Hotel Metrodome, 615 Washington Avenue SE. Use your U-Card for instant registration. Lunch served: 11:00-1:00 p.m.

4th Annual University of Minnesota Open House, Southern Research and Outreach Center, Waseca, Thursday, September 15, 4:00-8:00 p.m.

Minnesota Food Association, USDA Risk Management Agency. Risk has always been a part of Agriculture. Dramatic changes in Minnesota farming have created new opportunities, and new risks. Join us to learn more: September 17-18, LAO Family Center, 320 West University Avenue, St. Paul. For more information contact: Alvaro Rivera, 651.433.3676 Ext. 13, [arivera@mnfoodassociation.org](mailto:arivera@mnfoodassociation.org).

## SEMINARS

Tuesday, September 13

Plant Biological Sciences, Dr. George Weiblen, Plant Biology Dept., University of Minnesota/St. Paul, "Coevolution of pollinators, parasites, and parasitoids in the fig microcosm," 3:30 p.m., 335 Borlaug Hall.

Wednesday, September 14

BAE, candidate for Erosion & Sediment Control Workshop Instructor, Leo Holm, Section Director, Office of Environmental Services, MnDOT, "Erosion & Sediment Control," 10:30-11:30 a.m., 106 BioAgEng.

Wednesday, September 14

The Minnesota Institute for Sustainable Agriculture & What's Up in Sustainable Agriculture, present Cornercopia: the U of M Student Organic Farm Open House, 12:00 - 1:00 PM. Meet in 306 Borlaug Hall on the St. Paul Campus at 11:45 and walk down to the farm on the Corner of Cleveland and Larpenteur Avenues.

Wednesday, September 14

Biochemistry, Molecular Biology and Biophysics, Dr. Patrick Higgins, University of Alabama, Birmingham, "Organization of Bacterial Chromosome Domains and Their Reorganization by Transcription," 4:00 p.m., 3-120 MCB, Minneapolis.

Thursday, September 15

BioTechnology Institute, Kurt Faber, University of Graz, Austria, Department of Chemistry, "Racemases and Stereo-Complementary Hydrolases for Biotransformations," 3:30 p.m., 239 Gortner Laboratories, St. Paul.

Friday, September 16

BAE, candidate for Erosion & Sediment Control Workshop Instructor, Brian Livingston, Stormwater Coordinator, Minnesota Pollution Control Agency, "Erosion & Sediment Control," 10:30-11:30 a.m., 106 BioAgEng.

Monday, September 19

Applied Plant Sciences (APS), Jim Chen, Associate Dean for Faculty, James L. Krusemark Professor of Law, University of Minnesota Law School, "The Parable of the Seeds: Interpreting the Plant Variety Protection Act in Furtherance of Innovation Policy," 3:30 p.m., 306 Borlaug Hall. <http://papers.ssrn.com/abstract=784189>

Tuesday, September 20

Plant Biological Sciences, Dr. Jeffery Jeddelloh, Orion Genomics, "Epigenome profiling: Exploring the structure of large genomes using 5mC as a molecular handle," 3:30 p.m., 335 Borlaug Hall.

Wednesday, September 21

Special Seminar, "Multifaceted Opportunities in Ghana and the North Central United States for Plant Breeding, Genetics, and Agroforestry," Dr. A. Assibi Mahama, Plant Geneticist, Iowa State University, Department of Agronomy, 1:00 pm, Zon Conference Room (2nd Floor), USDA Forest Service, North Central Research Station, 1992 Folwell Avenue, St. Paul.

#### POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

#### WASHINGTON STATE UNIVERSITY

Biologically Intensive and Organic Agriculture (BIOAg) Coordinator, Extension Specialist and Assistant Research Professor reporting to the Director, Center for Sustaining Agriculture and Natural Resources, Pullman, WA. Required: Master's or Ph.D. degree must be in an agricultural or biological science discipline and completed at time of hire; minimum 3 years professional experience or dissertation research with BIOAg technologies. <http://www.hrs.wsu.edu/employment/FAPvacancies.asp?id=1743>

Agronomy Gleanings, September 21, 2005

9/21/2005 8:00 AM

## AGRONOMY GLEANINGS

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WEB <http://agronomy.coafes.umn.edu/>

September 21, 2005

## ANNOUNCEMENTS

Reception for Ron Phillips. Regents Professor Ron Phillips will be stepping down as Director of the Center for Microbial and Plant Genomics (now merged with the Plant Molecular Genetics Institute to form the Microbial and Plant Genomics Institute), and a reception in his honor will be held Wednesday, September 21, 4:00-5:30 pm in the Atrium of the Cargill Building for Microbial and Plant Genomics. Please join us in thanking Ron for his vital contributions and tremendous efforts, especially on behalf of the faculty, staff and students of the Cargill Building for Microbial and Plant Genomics, and the faculty of the CMPG and the PMGI.

Departmental Coffee. Come celebrate the harvest (a.k.a. the first departmental coffee of the 2005-06 school year) on Wednesday, September 28th at 9:30 a.m. in 306 Borlaug Hall. The coffee and tasty treats will be served by the Phillips and Rines lab groups on behalf of the Syngenta committee.

Mileage Rate Increase. Effective September 1, 2005, mileage allowance for personal vehicle use on approved U business increased from 40.5 cents to 48.5 cents per mile for the remainder of 2005 (effective 9/1/05-12/31/05) to match the current IRS rate.

The Minnesota Food Association and Growing Power of Milwaukee are jointly offering a one-day workshop for farmers in the Twin Cities metro area on Monday, October 3, from 8:00 AM -5:00 PM, Minnesota Food Association's Agricultural Training Center, Wilder Forest in Marine on St. Croix, MN. The workshop will focus on marketing, increasing productivity in small-acre farms and Vermiculture. The workshop will be free for farmers and will include a breakfast and lunch. For more information or to reserve a spot, please contact: Yimeem Vu ([yvu@mnfoodassociation.org](mailto:yvu@mnfoodassociation.org) or 651-433-3676) <http://www.mnfoodassociation.org/>

## SEMINARS

Wednesday, September 21

Biochemistry, Molecular Biology & Biophysics, "Understanding the Endocrine Role of Adipose Cells in Metabolic Diseases," Dr. Xiaoli Chen, Department of Food Science & Nutrition, University of Minnesota, St. Paul, 4:00 p.m., 3-120 MCB Minneapolis Campus.



Thursday, September 22

BioTechnology Institute, Prof. Scott McIvor, University of Minnesota, Department of Genetics, Cell Biology, & Development, "Commercial Development of the Sleeping Beauty Transposon System at Discovery Genomics, Inc.," 3:30 p.m., 239 Gortner Laboratory.

Friday, September 23

Biosystems & Agricultural Engineering, Erosion & Sediment Control candidate, Jodi Elfering Hreha, Hydrologist, MnDOT, Topic on Erosion and Sediment Control, 10:30 a.m., 106 BioSystems & Engineering.

Monday, September 26

Applied Plant Sciences (APS), Matthew Harbur, Research Specialist, SW Research and Outreach Center, Lamberton, "Organic farming research in Southern Minnesota," 3:30 p.m., 306 Borlaug Hall.

Tuesday, September 27

Plant Biological Sciences, Dr. Rick Amasino, Distinguished Professor, Dept. of Biochemistry, University of Wisconsin-Madison, Developmental Biology Symposia/ Taking Place for PBS Seminar, 3:30 p.m., 335 Borlaug Hall.

Wednesday, September 28

What's Up in Sustainable Agriculture? and Minnesota Institute for Sustainable Agriculture present: David Nelson, "Sustainability in Sweden: What Can We Learn?," 12:00 noon, 306 Borlaug Hall, St. Paul Campus.

Thursday, September 29

Plant Biological Sciences, Defense Seminar, "Genetic and Genomic Approaches to Dissect Nodulation in the Model Legume *Medicago truncatula*," Kavitha Kuppusamy, Graduate Assistant, 3:00 p.m., 105 Cargill Bldg.

#### POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

#### KWS SAAT AG

Trainee in the field of research and product development (with a focus on data management), Einbeck, Germany. MS (BS) in relevant field with a strong background in plant breeding and data management. <http://www.kws.com>

#### CENTER FOR REGULATORY RESEARCH

Risk Analyst Assistant, Falcon Heights, Minnesota. Part-time job. Learn about national and international regulations as well as the small business side of biology.

Undergraduate or graduate student majoring in natural resources/plant sciences/ entomology/plant pathology/ biology.

Agronomy Gleanings, September 27, 2005

9/27/2005 8:00 AM

## AGRONOMY GLEANINGS

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WEB <http://agronomy.coafes.umn.edu/>

September 27, 2005

## ANNOUNCEMENTS

Departmental Coffee. Come celebrate the harvest (a.k.a. the first departmental coffee of the 2005-06 school year) on Wednesday, September 28th at 9:30 a.m. in 306 Borlaug Hall. The coffee and tasty treats will be served by the Phillips and Rines lab groups on behalf of the Syngenta committee.

Fall Social. Agronomy & Plant Genetics faculty, staff, and students are cordially invited to our annual Department Fall Social on Wednesday, October 19, 3:00-5:00 pm in the Cargill Building atrium. Do join us for an afternoon of fellowship and grape and dairy by-products as we welcome new students and staff to our department. –The Social Committee

Working Group Sign Up. A Task Force appointed by Provost Thomas Sullivan is creating a plan for integrating the College of Natural Resources, the College of Agricultural, Food and Environmental Sciences, and the Department of Food Science and Nutrition to form a new, expanded college. You can participate by volunteering to join a Working Group that will provide information to the Task Force. Your involvement and experience are extremely valuable and necessary to design the new, expanded college. Faculty, staff and students are invited to participate in these Working Groups. A total of 20 working groups will consider all aspects of the new, expanded college—from external relations to curriculum design to student services and more. To sign up for the Working Groups or to learn more about the new expanded college, please visit: <http://www.newcollege.umn.edu>. The deadline for signing up for the Working Groups is Saturday, October 1.

Birth Announcement. Catherine and Nathan Springer are the proud parents of a baby boy, Zachary, born Saturday, September 17, weighing 7 lbs, 19 ½ in.

CSU Award. The Soil and Plant Science Department of Colorado State University recognized Vernon Cardwell as a "Distinguished Alumni" on Friday, September 23, 2005. The award was presented at a noon luncheon with faculty and former faculty including Donald R Wood, Vern's Master Degree advisor, in attendance. Friday evening, Vern was recognized at a Pre-Ag-Day dinner for the College faculty, alumni and

prominent Colorado Ag-producers. The Saturday Ag-Day festivities preceded the CSU-Nevada Football game, involved about 3500 'Aggies' and raised about \$35,000 for undergraduate scholarships in Agriculture.

Seeking employment. Benjamin Justen is currently employed by the USDA-ARS Dairy Forage Research Center in Madison as a biological science research technician in a newly-developed legume breeding program. He will be relocating to the St. Paul area December 2005. He would like to be considered for openings involving any combination of agronomic research, including plant breeding and germplasm evaluation. MS major in plant breeding and genetics; BS major in agronomy and biological sciences communication. Cover letter and resume in 411 Borlaug Hall.

Update Your Personal Information for the 2005-06 Student-Staff Directory by October 7. On the Employee Self-Service Web site, click on "Update Personal Information" and use the menu bar at the top of the page. For more information, see <http://hrss.umn.edu>.

## SEMINARS

Wednesday, September 28

What's Up in Sustainable Agriculture? and Minnesota Institute for Sustainable Agriculture present: David Nelson, "Sustainability in Sweden: What Can We Learn?," 12:00 noon, 306 Borlaug Hall, St. Paul Campus.

Wednesday, September 28

Microbial & Plant Genomics Institute Brown Bag Seminar Series, Dr. Romas Kazlauskas, Associate Professor, Dept. of BMBB & BTI, "Catalytic Promiscuity: One active site catalyzing several reactions" and, Dr. Friedrich Sreenc, Professor, Dept. of BTI, "Analyzing Metabolic Networks," 12:00 p.m, 105 Cargill Building for Microbial and Plant Genomics, St. Paul Campus. Cookies and sodas will be provided.

Wednesday, September 28

Biochemistry, Molecular Biology and Biophysics, "Mechanisms of HIV-1 Antiviral Drug Resistance and Host Restriction Factor APOBEC3G," Dr. Vinay Pathak, National Cancer Institute, Fredrick, MD, 4:00 p.m., 3-120 MCB, Minneapolis Campus.

Friday, September 30

MS Defense Seminar, Soil, Water and Climate, "Implications of Alternative Versus Conventional Farming Practices on Soil Physical Properties and Nonpoint Source Pollution," Kari Rolf, Water Resources Science, 9:00 a.m., 306 Borlaug Hall.

Monday, October 3

Applied Plant Sciences (APS), Howard Rines, "Maize Chromosome and Chromosome Segment Additions to Oat–Synthesis, Behavior and Applications," 3:30 p.m., 306 Borlaug Hall.

Tuesday, October 4

Plant Biological Sciences, Dr. Joseph Kieber, Professor and Associate Chair of Biology, University of North Carolina/Chapel Hill, "Cytokinin signaling in plants: A bacterial paradigm in a eukaryotic world," 3:30 p.m., 335 Borlaug Hall.

Wednesday, October 5

What's Up in Sustainable Agriculture? and Minnesota Institute for Sustainable Agriculture, Sunny Johnson, "Local Foods Challenge," 12:00 noon, 306 Borlaug Hall.

#### POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

None this week.

Agronomy Gleanings, October 5, 2005

10/5/2005 8:00 AM

## AGRONOMY GLEANINGS

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October 5, 2005

## ANNOUNCEMENTS

Thank you, Dave Hansen and Lee Hardman. If you haven't already noticed the framed prints around 2nd floor Borlaug and 3rd and 4th floors of Hayes Hall, stop and take a look. This is the beginning of a set of pictures explaining the work we do in both an artistic and technical way. The prints were assembled by Experiment Station photographer, Dave Hansen, and Lee Hardman. Copies of these are being displayed at the various ROCS and in the Plant Growth Facility.

Departmental IT Support. Bill Williamson from the School of Social Work has assumed responsibility for Agronomy and Plant Genetics' IT support. Eric Smith has responsibility for Plant Pathology. Please join us in welcoming Bill and in thanking Eric for his continued contributions.

Farewell Coffee for Kathleen Storey, Thursday, October 13, 3:00 p.m., 306 Borlaug Hall.

2005 Community Fund Drive, October 1-31, "Minnesota Charities Count on U." Pledge online at [www.umn.edu/cfd](http://www.umn.edu/cfd). Even if you are unable to give this year, you may still put your name in the departmental drawing for gift certificates for ice cream from the Food Science and Nutrition Cheese Store.

Fall Crop Variety Review Committee meetings are scheduled for Thursday, October, 27, 1:00 pm, and Friday, December 2, 1:00 pm in 408 Hayes Hall.

Distinguished Leadership Award Ceremony. The University of Minnesota will present Paul Sun, one of Taiwan's most significant agricultural leaders, the Distinguished Leadership Award for Internationals in an event that begins at 3:30 p.m. on Friday, October 7, in the Cargill Building for Microbial and Plant Genomics on the University of Minnesota's St. Paul Campus. Seminar by Dr. Sun: "Transformation of AVRDC, the Asian Vegetable Research & Development Center, into the World Vegetable Center."

Fall Fest: Exploring U. Sunday, October 9 from noon to 3 p.m. St. Paul Campus. Explore the treasures at the University of Minnesota. See live eagles, hawks, owls, and falcons at The Raptor Center. Tour the dairy barn, display garden, and galleries. Listen

to live music and enjoy a performance by the Chang Mi Korean Dance and Drum Group. Eat at the Harvest Bowl Brunch for 50 cents from 10:30 a.m.-1 p.m. Enjoy activities and educational displays for the whole family. Fall Fest is free and open to the public.

St. Paul Campus Career Fair, Tuesday, October 11, 10:00 am-2:30 pm, North Star Ballroom, St. Paul Student Center. Free and open to all University of Minnesota students! To register and see the complete list of the 71 registered companies visit: [www.stpaulcareers.umn.edu](http://www.stpaulcareers.umn.edu) and click on "more" beneath St. Paul Campus Career Fair. Questions? Contact the St. Paul Campus Career Center at 612-624-2710.

Mark your calendars. Syngenta Departmental Coffee, Monday, October 31, 9:30 a.m., 306 Borlaug Hall. Hosted by the Office Staff.

## SEMINARS

Wednesday, October 5

What's Up in Sustainable Agriculture? and Minnesota Institute for Sustainable Agriculture, Sunny Johnson, of the White Earth Village, "A Year Long Local Foods Challenge," 12:00 noon, 306 Borlaug Hall.

Wednesday, October 5

HORT, "Weed control with natural products in turf science," Dr. Nick Christians, Department of Horticulture, Iowa State University, 3:30 pm, 310 Alderman.

Wednesday, October 5

Biochemistry, Molecular Biology & Biophysics, "Harnessing Abilities of Metal-Reducing Bacteria," Dr. Daniel Bond, University of Minnesota, 4:00 p.m., 3-120 MCB, Minneapolis Campus.

Thursday, October 6

BioTechnology Institute, Prof. Euisik Yoon, University of Minnesota, Dept. of Electrical & Computer Engineering, "Disposable Microsystem-on-chip for Cellular Manipulation," 3:30 p.m., 239 Gortner Laboratory.

Monday, October 10

Applied Plant Sciences (APS), Dr. Christian Thill, Department of Horticultural Science, "Breeding Methods for Potato: A Tetrasomic Polyploid," 3:30 p.m., 306 Borlaug Hall.

Tuesday, October 11

Plant Biological Sciences, Dr. Dan Kliebenstein, Assistant Professor, Vegetable Crops, UC Davis, "Systems analysis of natural variation in Arabidopsis/Botrytis interactions," 3:30 p.m., 335 Borlaug Hall.

Wednesday, October 12

Minnesota Institute for Sustainable Agriculture and What's Up in Sustainable Agriculture?, Paul Porter, Agronomy and Plant Genetics, "Images and Impressions from the 15th IFOAM (International Federation of Organic Agriculture Movements) Organic World Congress," 12:00 noon, 306 Borlaug Hall.

#### POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

#### WASHINGTON STATE UNIVERSITY

Extension Specialist/Assistant Scientist, Biologically Intensive and Organic Agriculture (BIOAg) Coordinator, Department of Crop and Soil Sciences, Center for Sustaining Agriculture and Natural Resources, Pullman, Wash. Master's or PhD degree must be in an agricultural or biological science discipline. Closing date: November 1, 2005.

Agronomy Gleanings, October 12, 2005

10/12/2005 8:00 AM

## AGRONOMY GLEANINGS

Department of Agronomy and Plant Genetics, University of Minnesota

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October 12, 2005

## ANNOUNCEMENTS

Best Wishes for a Speedy Recovery. Dr. Gordon Marten, professor emeritus, underwent radical surgery at St. Joseph's Hospital in St. Paul within the last two weeks to remove his colon due to pan colitis. Dr. Marten needs three months for recuperation, during which time he is not to lift more than five pounds. You may email or write to him: 1312 Willow Circle, Roseville, MN 55113 < [marte005@umn.edu](mailto:marte005@umn.edu) > or phone: 651-636-5537. He suggests that calling is best between 6:30-8:00 pm because there are necessary medical calls in and out. Home visits are not recommended.

Farewell Coffee for Kathleen Storey, Thursday, October 13, 3:00 p.m., 306 Borlaug Hall.

Norman Borlaug World Food Prize Day in Minnesota is October 16. To commemorate this day, students in the College of Agricultural, Food and Environmental Sciences and the College of Natural Resources are organizing a food and fund drive, to benefit the Second Harvest Heartland Food Bank. You are invited to drop off food in the containers located in 495 Borlaug Hall, the Classroom Office Building Atrium, the first Floor of Coffey Hall and 135 Skok Hall on the St. Paul Campus and McNamara Alumni Center, Suite 200 and the 1st Floor Info Desk in Coffman Union on the Minneapolis Campus from October 10-14. Cash donations will be collected at 495 Borlaug Hall, 190 Coffey Hall and 135 Skok Hall.

Dr. Norman Borlaug received the Nobel Peace Prize for his role in increasing world food supply. He received a Bachelor's degree in forestry and a Master's and PhD in Plant Pathology from the University of Minnesota. More information about Dr. Borlaug is at <http://www.coafes.umn.edu/borlaug.html>

Agronomy and Plant Genetics Fall Social, Wednesday, October 19, 3:00-5:00 p.m., Cargill Atrium. Everyone in Agronomy is welcome. Come and enjoy delicious treats and meet staff, students, and faculty new to the department since last fall.

Council on Public Engagement (COPE), Place Based Learning Strategies series, "Educating the Creative Mavericks," hosted by the Department of Art, will be held in the Regis Center for Art, IN-FLUX space on Thursday, October 13, 1:30-4:30 (reception to



follow).

Employee Health and Benefits Fair, Wednesday, November 2, 10 am - 3 pm, St. Paul Student Center, North Star Ballroom. Details: <http://www.umn.edu/ohr/eb>

For Sale. A 2-bedroom home, level lot, with bunkhouse, 2 garages, sauna, 100' of lake shore located on Big Stony Lake, Park Rapids, Minn. Everything has been remodeled and is in great shape. Asking price is \$273,900. Anyone interested should contact Mike Mead at ReMax 1st Choice in Park Rapids, MN 218-732-1191. Their website is: <http://www.parkrapidsfirstchoice.com>

## SEMINARS

Wednesday, October 12

Minnesota Institute for Sustainable Agriculture and What's Up in Sustainable Agriculture?, Paul Porter, Agronomy and Plant Genetics, "Images and Impressions from the 15th IFOAM (International Federation of Organic Agriculture Movements) Organic World Congress," 12:00 noon, 306 Borlaug Hall.

Wednesday, October 12

Biochemistry, Molecular Biology, and Biophysics, The Stanley Dagley Lectureship, Dr. Perry A. Frey, Professor of Biochemistry, University of Wisconsin, Madison, "A story of hydrogen bonding: The low-barrier hydrogen bond in chymotrypsin," 4:00-5:00 p.m., 105 Cargill.

Thursday, October 13

Biochemistry, Molecular Biology, and Biophysics, Dr. Perry A. Frey, Professor of Biochemistry, University of Wisconsin, Madison, "Science and Antiscience," 4:00-5:00 p.m., 105 Cargill.

Thursday, October 13

BioTechnology Institute, Xavier Darzacq, PhD, Albert Einstein College of Medicine, Bronx, New York, "Observing transcriptional events in living cells," 3:30 p.m., 239 Gortner Laboratory.

Monday, October 17

Applied Plant Sciences (APS), Dr. Rex Bernardo, Agronomy and Plant Genetics, "Finding Genes for Complex Traits from Plant Breeding Data," 3:30 p.m., 306 Borlaug Hall.

Tuesday, October 18

Plant Biological Sciences, Dr. Min Ni, Assistant Professor, Dept. of Plant Biology, University of Minnesota, "Light signaling, photoperiodic flowering and circadian regulation," 3:30 p.m., 335 Borlaug Hall.

**POSITION ANNOUNCEMENTS**

(Posted in notebook in 411 Borlaug Hall)

**MINNESOTA GRADUATE CLUB**

Manager wanted. Part-time. 60 hrs/month. Email [mngraduateclub@gmail.com](mailto:mngraduateclub@gmail.com) for contact and information.

Agronomy Gleanings, October 25, 2005

10/25/2005 8:00 AM

## AGRONOMY GLEANINGS

Department of Agronomy and Plant Genetics, University of Minnesota

411 Borlaug Hall, 1991 Buford Circle, St. Paul, MN 55108

PHONE (612) 625-7773; FAX (612) 625-1268; E-MAIL [agro@mail.coafes.umn.edu](mailto:agro@mail.coafes.umn.edu)

WEB <http://agronomy.coafes.umn.edu/>

October 24, 2005

## ANNOUNCEMENTS

Farewell Coffee for Lynn Litterer, Wednesday, October 26, 3:00 p.m., 306 Borlaug Hall.  
Lynn has accepted a position in Madison.

Syngenta Departmental Coffee, Monday, October 31, 9:30 a.m., 306 Borlaug Hall.  
Hosted by the Office Staff.

Congratulations! Dr. Gordon Marten has received the Honorary Doctor of Science degree from the University of Minnesota. A date will be set in the future to confer this award. Vern Cardwell and Walt Wedin submitted the nomination for Gordon.

Fall Crop Variety Review Committee Meetings are scheduled for Thursday, October, 27, 1:00 pm, and Friday, December 2, 1:00 pm in 408 Hayes Hall.

2005 ASA-CSSA-SSSA International Annual Meetings, Salt Lake City, UT, November 6-10.

Party in the Park, Sunday, November 13, 5:00 to 9:00 p.m., Camp Snoopy, Mall of America. A benefit for the Department of Pediatrics, University of Minnesota. For tickets or information: <http://www.upf.umn.edu>

Attention all persons traveling on U of M business: All travel reimbursement requests are to be completed using the LATEST TRAVEL FORM (Revised 09/14/05). The revised worksheet tabulates the miles and mileage rate for you. Mileage reimbursement is currently \$.485/mile. There is also an authorized signature line and three lines for CUFs account information. Go to the Forms Library at <http://www.fpd.finop.umn.edu/groups/ppd/documents/main/formhome/cfm> and enter "expense worksheet" in the search by title box. This will bring the one and only correct form to be used.

**DOMESTIC MEAL RATE ALLOWANCE CHANGE:** Effective Oct. 1, the Government Services Administration raised the rate for domestic meals. Rates vary by county and city. For current information, see <http://travel.umn.edu/> and follow the menu options for domestic meal rates. Current meal rates for rural Minnesota have increased to: B=\$8; L=\$12; and D=\$19. Maximum day total = \$39. For those of you traveling to the ASA

meeting, Salt Lake City, UT meal rates are: B=\$11; L=\$16; and D=\$27. Maximum day total = \$54. Contact Marilyn Swanson (4-1268) if you have travel or travel reimbursement questions.

## SEMINARS

Monday, October 24

Applied Plant Sciences, "Are mom and dad interchangeable and how did I get so big? Studying the genome wide gene expression in a heterotic hybrid," Nathan Springer, Assistant Professor in Plant Biology, 3:30 pm in 306 Borlaug Hall.

Tuesday, October 25

Leading Edge Technologies, Microbial and Plant Genomics Institute, "Optical Mapping: A novel system for comparative genomics," Dr. Colin Dykes, Executive Vice-President Corporate Development & Chief Scientific Officer, Opgen, Inc., Madison, WI, 2:00 pm, Seminar Room 105 Cargill Building for Microbial and Plant Genomics.

Tuesday, October 25

Plant Biological Sciences, Dr. David Marks, Dept. of Plant Biology, Univ. of Minnesota, "Developmental control of cell type identity in plants using trichome development in Arabidopsis as a model," 3:30 p.m., 335 Borlaug Hall.

Wednesday, October 26

What's Up in Sustainable Agriculture? and Minnesota Institute for Sustainable Agriculture present: Tim Reese, Hanna Bissett, Farm Educators at Gale Woods Farm and Courtney Tchida, Farm Curriculum Intern, "Creating an Educational Sustainable Agriculture Farm Experience," 12:00 noon, 306 Borlaug Hall, St. Paul Campus.

Wednesday, October 26

Biochemistry, Molecular Biology, and Biophysics, Dr. Trevor Archer, LMC/NIEHS/NIH/DHHS, "Hormone induced transcription: Where chromatin remodeling and the Proteasome meet," 4:00 p.m., 3-120 MCB, Minneapolis.

Friday, October 28

Applied Plant Sciences, M.S. Thesis Defense, Ryan Miller, "Influences of Tillage and Tillage Sequences on Weed Populations," 10:00 a.m., 306 Borlaug Hall.

Friday, October 28

Plant Biological Sciences, Thesis Proposal, "The Adaptive Value and Genetic Basis of Maternal Effects in Competitive Environment," Jenny Dechaine, Graduate Student, 12 noon, 105 Cargill.

POSITION ANNOUNCEMENTS (Posted in notebook in 411 Borlaug Hall)

NORTH DAKOTA STATE UNIVERSITY

Tenure Track position in Dry Edible Bean Breeding, Department of Plant Sciences,

Fargo, ND. PhD in plant breeding or related discipline. Closing date: December 31, 2005.

UNIVERSITY OF MINNESOTA

Senior Personnel Document Analyst, Office of Human Resources Call Center, East Bank, Minneapolis Campus.

UNIVERSITY OF MINNESOTA, DULUTH

Department Head, Department of Biology. Complete position description: <http://www.d.umn.edu/biology>

UNIVERSITY OF ARKANSAS

Program Associate, Department of Crop, Soil, and Environmental Sciences, Fayetteville, AR. MS degree required or BS with three years experience in environmental science, soil science, agronomy, agriculture engineering, or closely related field. Closing date: October 15, 2005 or until suitable candidate identified.

NEW MEXICO STATE UNIVERSITY

Assistant Professor, Biochemistry, Department of Chemistry & Biochemistry, Las Cruces. PhD in Biochemistry/Molecular Biology. Closing date: December 1, 2005. <http://www.chemistry.nmsu.edu/BioChemPosition.html>

Agronomy Gleanings, November 2, 2005

11/2/2005 8:00 AM

## AGRONOMY GLEANINGS

Department of Agronomy and Plant Genetics, University of Minnesota

411 Borlaug Hall, 1991 Buford Circle, St. Paul, MN 55108

PHONE (612) 625-7773; FAX (612) 625-1268; E-MAIL [agro@mail.coafes.umn.edu](mailto:agro@mail.coafes.umn.edu)

WEB <http://agronomy.coafes.umn.edu/>

November 2, 2005

## ANNOUNCEMENTS

2005 ASA-CSSA-SSSA International Annual Meetings, Salt Lake City, UT, November 6-10.

Thanksgiving Holiday, Thursday, November 24 and Floating Holiday, Friday, November 25. University offices will be closed.

Employee Benefits. Open Enrollment is online and available for you to enroll in your 2006 benefits. This year you must enroll in medical and dental plans if you wish to have coverage for the 2006 plan year. You have new medical plan options from which to choose and a new four-tier rate structure that better reflects the makeup of families. You must also enroll in the pre-tax flexible spending accounts if you wish to have the health care or dependent care accounts for 2006. If eligible, you may add or increase long-term disability insurance. The Open Enrollment period is from November 1 to November 30. If you do not make your elections by November 30, you will not have medical and dental coverage or the flexible spending accounts on January 1, 2006. To enroll, you will need Internet access. Go to Employee Self-Service at <http://hrss.umn.edu> and click on Benefits. Then log-in by entering your Internet ID (X.500 username) and password. If you need help with this, contact the OIT Helpline at 612-301-4357. If you have questions on your benefits, please call the Employee Benefits Service Center at 612-624-9090 or 1-800-756-2363, and press option 2 or visit the Employee Benefits Web site at <http://www.umn.edu/ohr/eb>.

New College Associate Dean for Research candidate interview schedule, Monday, November 14, Room 119 Classroom Office Building. Candidates will give a 15-minute presentation of their "Vision for the Associate Dean for Research position of the New College," followed by questions from faculty, staff and students.

2:30 - 3:00 p.m., Dr. Abel Ponce de Leon

3:00 - 3:30 p.m., Dr. Laura Gurak

3:30 - 4:00 p.m., Dr. Kent Olson

4:00 - 4:30 p.m., Dr. Greg Cuomo

4:30 - 5:30 p.m., Reception for candidates to meet faculty and staff from CNR and COAFES.

New College Associate Dean for Finance and Planning candidate interview schedule, Tuesday, November 15, Room 119 Classroom Office Building. Candidates will give a 15-minute presentation of their "Vision for the Associate Dean for Finance and Planning position of the New College," followed by questions from faculty, staff and students.

12:00 - 12:30 p.m., Dr. Nancy J. Ehlke

12:30 - 1:00 p.m., Dr. Mark Ascerno

1:00 - 1:30 p.m., Dr. Greg Cuomo

1:30 - 2:30 p.m., Reception for candidates to meet faculty and staff from CNR and COAFES.

## SEMINARS

Thursday, November 3

BioTechnology, Prof. Martin Klotz, University of Louisville, Depts. of Biology and Microbiology and Immunology, "Lessons from Nitrifier Genomics," 3:30 p.m., 239 Gortner Laboratories.

Friday, November 4

Plant Biological Sciences, Thesis Proposal, "A Molecular and Enzymatic Analysis of Ability of 'Honeycrisp' Apple to Stay Crisp During Storage," Harpartap Mann, Graduate Student, 12 noon, 105 Cargill.

Friday, November 4

Department of Rhetoric, Elizabeth Shea, Assistant Professor, Department of English, Northeastern University, "Everything I Know About Rhetoric I Learned from Genes," MLib 8, 4:15pm.

Monday, November 7

Applied Plant Sciences. No Seminar due to the ASA-CSSA-SSSA meetings. The next seminar will be Monday, November 14.

Tuesday, November 8

Plant Biological Sciences, Dr. Yair Shachar-Hill, Associate Professor, Dept. of Plant Biology, Michigan State University-East Lansing, "Mapping fluxes through the metabolic network of developing seeds," 3:30 p.m., 335 Borlaug Hall.

Wednesday, November 9

What's Up in Sustainable Agriculture? and Minnesota Institute for Sustainable Agriculture present: Deborah Garrido, Grad Student in Nutrition, "Wild Edibles: On the Dinner Table and in the Classroom," 12:00 noon, 306 Borlaug Hall, St. Paul Campus.

Wednesday, November 9

Plant Biological Sciences, "Fair trade underground: Nutrient exchange in the Arbuscular Mycorrhizal symbiosis," Dr. Yair Shachar-Hill, Associate Professor, Dept. of Plant Biology, Michigan State University, East Lansing, 9:30 a.m., 105 Cargill Building.

## POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

### WASHINGTON STATE UNIVERSITY

Assistant/Associate/Full Professor, Plant Cell Biologist, School of Biological Sciences, Pullman, WA. Details: <http://www.sci.wsu.edu/sbs/index.php3> Review of applications will begin November 15, 2005.

### WASHINGTON STATE UNIVERSITY

Assistant/Associate Professor, Plant Stress Physiologist, School of Biological Sciences, Pullman, WA. Details: <http://www.sci.wsu.edu/sbs/index.php3> Review of applications will begin December 5, 2005.

### UNIVERSITY OF MINNESOTA

Student Employment Programs Coordinator, Executive Assistant, Office of Human Resources. BA/BS degree. <http://www1.umn.edu/ohr/employment/openings/civilservice.html> . Requisition number 133406 under the Technical / Paraprofessional category. Application materials will be collected through November 2, 2005.

### UNIVERSITY OF MINNESOTA

Principal Secretary (133359), Office of the President, TC EAST BANK.  
<http://www1.umn.edu/ohr/employment/openings/job133359.html>



Agronomy Gleanings, November 9, 2005

11/9/2005 8:00 AM

## AGRONOMY GLEANINGS

Department of Agronomy and Plant Genetics, University of Minnesota

411 Borlaug Hall, 1991 Buford Circle, St. Paul, MN 55108

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WEB <http://agronomy.coafes.umn.edu/>

November 9, 2005

## ANNOUNCEMENTS

The Community Fund Drive departmental drawing winners for gift certificates for ice cream from the Food Science and Nutrition Cheese Store are: Roger Caspers, Jeanne Davy, Nancy Ehlke, Jeff Gunsolus, Gail Nelson, Eric Ristau, Jeff Roessler, and Doug Swanson. Congratulations and thanks to everyone who participated in this year's Community Fund Drive.

**SLOPPY JOE LUNCH.** The APS graduate students are hosting their annual Sloppy Joe Lunch on Friday, November 18th in 306 Borlaug from 11:30 to 1:00. Bring \$3 for lunch, or \$2 and a dessert to share. We'll have raffle prizes, including 2 FREE RANGE TURKEYS to be given away at the very beginning. Be on the lookout for graduate students to buy raffle tickets from! Questions: contact your friendly local graduate student.

Minnesota Institute for Sustainable Agriculture. Join us as we celebrate our accomplishments and renew the partnership between the College of Agricultural, Food and Environmental Sciences and the Sustainers? Coalition as we continue to work in partnership to develop and promote sustainable agriculture in Minnesota and beyond. Wednesday, November 16, 4:30 p.m., 306 Borlaug Hall. Please join in a reception featuring local foods. Please RSVP by Friday, November 11th to MISA at 612-625-8235 or [misamail@umn.edu](mailto:misamail@umn.edu).

Horticulture Club, Floral Arrangements. Fall arrangements available for Thanksgiving. Choose from large vase for \$25; small vase for \$15; or centerpiece for \$20. Email Hort Club at [hortclub@umn.edu](mailto:hortclub@umn.edu) to order your fall arrangement. Please order by November 20th . Orders will be delivered on November 22 and 23.

Houseplants. See Lynne Medgaarden if you are interested in houseplants for your office.

## SEMINARS

Wednesday, November 9

Horticultural Science, "Biotechnology Research and Regulations in Developing Countries," Dr. Karen Hokanson, Department of Horticultural Science, University of Minnesota, 3:30-4:30 p.m., Room 310 Alderman Hall.

Wednesday, November 9

Biochemistry, Molecular Biology and Biophysics, Dr. Jared Rutter, University of Utah School of Medicine, Salt Lake City, "Regulated Glucose Partitioning by PAS Kinase," 4:00 p.m., 3-120 MCB, Minneapolis Campus.

Thursday, November 10

Biotechnology Institute, Dr. Eric Boder, Professor, Department of Chemical and Biomolecular Engineering, University of Pennsylvania, "Engineering and Analysis of Protein Switches: Influenza Hemagglutinin and Integrin I Domain," B-75 Amundson Hall, 1:25-2:20 pm.

Friday, November 11

Plant Biological Sciences, Thesis Proposal, "A Functional Genomics Study of the Arabidopsis Thaliana Defense Response Against Pseudomonas Syringae," Lin Wang, Graduate Student, 12 noon, 105 Cargill.

Monday, November 14

Applied Plant Sciences, Xiuling Zhang, Graduate Student, Title: TBA, 3:30 p.m., 306 Borlaug Hall.

Wednesday, November 16

What's Up in Sustainable Agriculture? and Minnesota Institute for Sustainable Agriculture, Nadine Lehrer, Graduate Student in Natural Resources Science and Management, "Soybeans in the Amazon? Environment and trade links in Brazilian and U.S. agribusiness," 12 noon, 306 Borlaug Hall, St. Paul Campus.

POSITION ANNOUNCEMENTS (Posted in notebook in 411 Borlaug Hall)

### UNIVERSITY OF MINNESOTA

Associate Administrator (7201), Minnesota Center for Reading Research (MCRR), College of Education and Human Development. Bachelor's degree in Business Administration or a related field and one year of administrative experience, or a combination of education and relevant administrative experience to total five years.

### UNIVERSITY OF KENTUCKY

Assistant or Associate Professor of Rhizosphere Science, Soil Science, Department of Plant and Soil Sciences, Lexington, KY. PhD in soil science or a closely related discipline. Closing date: January 15, 2006.

Agronomy Gleanings, November 18, 2005

11/18/2005 8:00 AM

## AGRONOMY GLEANINGS

Department of Agronomy and Plant Genetics, University of Minnesota

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WEB <http://agronomy.coafes.umn.edu/>

November 18, 2005

## ANNOUNCEMENTS

Thanksgiving Holiday, Thursday, November 24 and Floating Holiday, Friday, November 25. University offices will be closed.

Sloppy Joe Lunch. The APS graduate students are hosting their annual Sloppy Joe Lunch on Friday, November 18th in 306 Borlaug from 11:30 to 1:00. Bring \$3 for lunch, or \$2 and a dessert to share. We'll have raffle prizes, including 2 FREE RANGE TURKEYS to be given away at the very beginning. Be on the lookout for graduate students to buy raffle tickets from! Questions: contact your friendly local graduate student.

Syngenta/Departmental Coffee. The next departmental coffee sponsored by the Syngenta fund will be hosted by the Corn Breeding Project. Mark your calendars for Wednesday, November 30, 9:30 a.m. in 306 Borlaug Hall.

Fill the Bus. Fill the Bus is an annual campus and community wide clothing drive. On December 1, you can drop off clothes at Bailey Hall and the St. Paul Gym. Items will be picked up at the end of the day. Last year the drive filled more than a bus--two 26-ft U-Haul trucks and a Campus Connector. The clothes were donated to Pillsbury United Communities. The actual bus will be parked in front of Coffman and you can also drop off clothes there. There will be prizes given to the first people to donate 15 or more items and entertainment throughout the day at Coffman. At 3:30 p.m., Dr. Susan Hagstrum, wife of University President Robert Bruininks, will be speaking as well.

Congratulations! Rex Bernardo was named Fellow of the Crop Science Society of America and the American Society of Agronomy.

Office of the Vice President for Research (OVPR). View an article posted to the OVPR Web site regarding Professor James Orf and his research: <http://www.research.umn.edu>

Frenatae Honey and Candle Sale, November 30- December 1, 9am until 4 pm; and December 2, 10am until 2 pm, St. Paul Student Center and the Entomology, Fisheries, and Wildlife Library (Hodson Hall). Preorder Forms are now available on-line at the

Frenatae website:

<http://www.tc.umn.edu/%7Efrenatae/> Preorders must be received by November 28, 2005 and must be picked up at the Entomology, Fisheries, and Wildlife Library (Hodson Hall) by Thursday, December 1 at 4 pm. This year we have something new so come check it out!

The Freeman Forum, Friday, December 9, Lecture: "Litigation as a Point of Leverage for Negotiation," Pedro de Camargo Neto, former Secretary of Production and Trade, Ministry of Agriculture of Brazil, 10:30 am, Cowles Auditorium, Hubert H. Humphrey Institute of Public Affairs, University of Minnesota. <http://freemanforum.org>

## SEMINARS

Friday, November 18

Plant Biological Sciences, Thesis Proposal, Keunsub Lee, Graduate Student, "Interspecific Interactions Between *Ustilago maydis* and *Fusarium* Endophytes of Maize," 12 noon, 105 Cargill.

Monday, November 21

Special Seminar. Dr. Alejandro La Manna, La Estanzuela, Uruguay, "Crop-pasture rotations and their implications for sustainable livestock production systems in Uruguay," 11:45 am, 365 Haecker Hall. Dr. La Manna is National Dairy Program Coordinator of the National Agricultural Research Institute (INIA) in Uruguay. Free pizza and soft drinks!

Monday, November 21

Applied Plant Sciences, "Profiles in Scourge: Transcriptional Analysis of the *Fusarium* Head Blight Pathogen," Corby Kistler, Faculty member in Department of Plant Pathology, 3:30 p.m., 306 Borlaug Hall.

Tuesday, November 22

Applied Plant Sciences, Ph.D. Dissertation Defense Seminar, "Characterization of invasive potential of *Ceome hassleriana* and *C. serrulata*: assessment of population establishment, herbivory effects, and germination," Nadilia Gomez, Adviser: Dr. Neil Anderson, 2:30 p.m., 310 Alderman Hall, St. Paul Campus.

Tuesday, November 22

Plant Biological Sciences, Dr. S. Joseph Wright, Visiting Senior Scientist, Smithsonian Tropical Research Institute, Balboa, Republic of Panama, "The future of tropical forests and their species," 3:30 p.m., 335 Borlaug Hall.

Wednesday, November 23

What's Up in Sustainable Agriculture? and Minnesota Institute for Sustainable Agriculture present: Rachael Dettman, Graduate Student in Applied Economics, "Organic Certification: Insights from a Summer Intern," 12 noon, 306 Borlaug Hall, St.

Paul Campus.

Tuesday, November 29

Plant Biological Sciences, Dr. Angus Murphy, Associate Professor, Dept. of Horticulture, Purdue University, "Biochemical and physiological characterization of MDR/PGP and PIN auxin transport proteins," 3:30 p.m., 335 Borlaug Hall.

Wednesday, November 30

Willard W. Cochrane Lecture on Public Policy, 2:30 p.m., Cargill Building for Microbial and Plant Genetics, St. Paul Campus. The speaker will be Ambassador Clayton Yeutter, former United States Trade Representative and Secretary of Agriculture.  
<http://www.apec.umn.edu/CochraneLecture.html>

#### POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

#### KANSAS STATE UNIVERSITY

Graduate Research Assistantship, Soybean Breeding and Genetics, Department of Agronomy, Manhattan, KS. BS or MS in agronomy, plant breeding, genetics, or related field. Date available: Spring 2006.

#### KANSAS STATE UNIVERSITY

Graduate Research Assistant, Crop Physiology, Department of Agronomy, Manhattan, KS. B.S. or M.S. degree in Agronomy, Crop Science, Plant Physiology, or related discipline. Date available: January 2006.

#### UNIVERSITY OF MINNESOTA

Temporary Assistant to the Internet Designer and Administrator, Information Technology Professional classification (#8635), professional band, Minnesota Center Against Violence and Abuse, School of Social Work, College of Human Ecology. This is a grant-funded position, temporary posted position for the period of January 1 - December 31, 2006.

#### CALIFORNIA POLYTECHNIC

Professor of Turfgrass Science/Landscape Horticulture, Horticulture and Crop Science Department, San Luis Obispo, CA. PhD in horticulture, agronomy or closely related field with an emphasis in turfgrass science. Review of applications to begin: February 15, 2006.

Agronomy Gleanings, November 30, 2005

11/30/2005 8:00 AM

## AGRONOMY GLEANINGS

Department of Agronomy and Plant Genetics, University of Minnesota

411 Borlaug Hall, 1991 Buford Circle, St. Paul, MN 55108

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WEB <http://agronomy.coafes.umn.edu/>

November 30, 2005

## ANNOUNCEMENTS

Obituary. Dr. Harley J. Otto, age 77, of Chisago City, MN, and Mesa, AZ, died on Thanksgiving Day in Phoenix, Arizona. Funeral service 10:30 AM Saturday, December 3 at HOLCOMB-HENRY- BOOM, 515 Hwy 96 at Mackubin, Shoreview (651-482-7606). Visitation 4-8 PM Friday and also on Saturday beginning at 9:30 AM. Condolences may be sent to Mrs. Harley (Sara) Otto, 1245 South Birch Lake Blvd., White Bear Lake, MN 55110.

Toys for Tots/Mitten Tree Drive, 411 Borlaug Hall. Details to follow.

Health Benefits. Faculty, P&A and Civil Service Staff--Just a reminder that the Open Enrollment period for health benefits ends on November 30. If you do not make your elections by that date you will not have medical and dental coverage on January 1, 2006. To enroll, go to <http://hrss.umn.edu> and click on Benefits. Then log-in by entering your Internet ID and password. If you need help, contact the OIT Helpline at 612-301-4357. Jeanne Davy has the provider directories in her office if you need clinic numbers, etc.

Crop Variety Review Committee Meeting, Friday, December 2, 1:00 pm, 408 Hayes Hall.

Task Force Report Announcement and Discussion, Faculty, Staff and Students, Friday, December 9, 12 to 1:30 p.m., 105 Cargill Building, St. Paul.

3rd Annual Cargill/MPG Holiday Musicale. The Microbial and Plant Genomics Institute cordially invites you to the 3rd Annual Cargill/MPG Holiday Musicale featuring the 'Note'-able Genomes. Please join us for an afternoon of food, music and fun. Entertainment will be provided by your colleagues who wish to share their gift of music. Grab your buddies...come enjoy refreshments in the atrium of the Cargill Building as you listen to melodies of the season. The festivities will begin at 3:00 pm on Friday, December 9th, and continue until 5:00 pm (or until there is no more Wassail).

Department Holiday Party, Friday, December 16, 11:30 am to 1:30 pm, 306 Borlaug Hall. The cost of attending is \$5.00 if you do not bring a dish to pass; \$2.00 if you bring a dish to pass. ALL money collected at the event will be donated to local charities. Also, as we have done in the past, we will be accepting donations for our local food bank at this event, and we encourage you to contribute to this very worthy cause. Thank you all, and we look forward to seeing you at this very festive event! --The Agronomy and Plant Genetics Social Committee (Marilyn, Kathy, Morrison, Rex, Dave)

CAR FOR SALE: 1991 Ford Taurus Wagon, 72,000 miles, 3.8 V6, new transmission, new water pump, new front brakes, good tires, California car (no rust), Good Condition, runs Great. \$1100 or best offer. If interested, please call Silvie or Dana at 651-647-4365.

## SEMINARS

Wednesday, November 30

The Minnesota Institute for Sustainable Agriculture & What's Up in Sustainable Agriculture?, "Cultivation of Oyster Mushroom Research," Ben Jordan, Cornercopia Intern & Undergraduate Student in Computer Science, 12:00 noon, 306 Borlaug Hall.

Wednesday, November 30

Plant Biological Sciences, Defense Seminar, "The impact of crop domestication and cultivation on species- and population-level diversification of a crop pathogen," Andrew Munkacsi, Graduate Assistant, 1:00 p.m., 335 Borlaug Hall.

Wednesday, November 30

Willard W. Cochrane Lecture on Public Policy, 2:30 p.m., Cargill Building for Microbial and Plant Genomics, St. Paul Campus. The speaker will be Ambassador Clayton Yeutter, former United States Trade Representative and Secretary of Agriculture. <http://www.apec.umn.edu/CochraneLecture.html>

Wednesday, November 30

Horticultural Science, Jerry Cohen, Professor, Department of Horticultural Science, University of Minnesota, "Grantsmanship Part 2: How to write a successful grant proposal," 3:30 p.m., 310 Alderman Hall.

Wednesday, November 30

Biochemistry, Molecular Biology and Biophysics, Dr. Paul R. Carey, Case Western Reserve University, Cleveland, "The Molecular Basis of Drug Resistance in Beta-Lactamase Enzymes," 4:00 p.m., 3-120 MCB, Minneapolis.

Friday, December 2

Plant Biological Sciences, Thesis Proposal, B.J. Haun, Graduate Student, "Identification of the cis-Acting Sequences and Molecular Modifications that Regulate the Imprinted Expression of Mez1," 12 noon, I05 Cargill.

Monday, December 5

Applied Plant Sciences, "A Walk on the Wild Side: Mining Wild Barley for Diversity in Disease Resistance Alleles," Brian Steffenson, Professor, Plant Pathology, 3:30 p.m., 306 Borlaug Hall.

Tuesday, December 6

Plant Biological Sciences, Dr. Antoni Rafalski, Dupont Company, "Genomic Analysis of DNA Sequence Diversity in Maize," 3:30 p.m., 335 Borlaug Hall.

Friday, December 9

Plant Biological Sciences, Thesis Proposal, Yiping Qi, Graduate Student, "Isolation and Characterization of the Protein Complexes Containing the Arabidopsis Disease Resistance Proteins RPS2 and RPM1," 12 noon, 257 Biological Science Center, St. Paul Campus.

#### POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

#### UNIVERSITY OF MINNESOTA

Senior Laboratory Technician, experience with Electrical Geodesics, Inc. high-density EEG System, Cognitive Developmental Neuroimaging, Institute of Child Development, College of Education and Human Development, TC East Bank. BA or BS in Child Psychology preferred. Temporary: From December 1, 2005 to July 31, 2006.

#### UNIVERSITY OF MINNESOTA

Senior Laboratory Technician, experience with standardized intelligence tests for children and clinical interviewing, Cognitive Developmental Neuroimaging, Institute of Child Development, College of Education and Human Development, TC East Bank. BA or BS in Child Psychology preferred. Temporary: From December 1, 2005 to July 31, 2006.

#### KANSAS STATE UNIVERSITY

Assistant Professor/Extension Specialist, Crop Production/Cropping Systems, Department of Agronomy, Manhattan, KS. PhD in Agronomy, Crop Science or related field. Closing date: January 3, 2006.

#### KANSAS STATE UNIVERSITY

Assistant Professor/Extension Specialist, Environmental Soil Science/Soil and Water Management, Department of Agronomy, Manhattan, KS. PhD in soil science or related field. Closing date: January 3, 2006.

#### KANSAS STATE UNIVERSITY

Assistant Professor, Sorghum Genetics, Department of Agronomy, Manhattan, KS. PhD in plant breeding or genetics with a strong background in molecular biology. Closing date: February 1, 2006.



USDA, ARS

Two-year Postdoctoral Research Associate, Agricultural Engineer/Soil Scientist, National Soil Tilth Laboratory, Ames, Iowa. Recent PhD in Agricultural Engineering, Soil Science, or a closely related field. <http://www.ars.usda.gov> (RA-06-010H)

TEXAS A&M UNIVERSITY

Professor and Head, Department of Soil and Crop Sciences, College Station, TX. Doctorate in soil science, plant science, or a closely related field. Closing date: February 1, 2006.

TEXAS A&M UNIVERSITY

Assistant Professor, cotton breeding, Department of Soil and Crop Sciences, College Station, TX. PhD in Plant Breeding or Genetics. Closing date: January 15, 2006.

TEXAS A&M UNIVERSITY

Assistant Professor, Urban Water and Nutrient Management, Department of Soil and Crop Sciences, College Station, TX. PhD in soil science or a closely related field of geosciences. Closing date: January 31, 2006.

UNIVERSITY OF MINNESOTA

Principal Administrative Specialist (1833), Institute of Child Development, College of Education and Human Development, TC East Bank.

USDA, ARS

Biological Sciences Laboratory Technician (ARS-X6S-0022), Plant Genetic Resources Conservation Unit, Griffin, GA. Closing date: December 5, 2005. <http://ars.usda.gov>

MOLSON COORS BREWING COMPANY

Jr/Sr Barley Breeder, Burley, ID. Master's in plant breeding or related field. <http://www.coorsjobs.com>

UNIVERSITY OF MINNESOTA

Coordinator, part-time, National Center on Educational Outcomes, Institute on Community Integration, College of Education and Human Development, Minneapolis. Master's in special education, education, psychology, sociology, or related field. Available: January 2, 2006 to September 30, 2006.

UNIVERSITY OF MINNESOTA

Coordinator, National Research Center for Career and Technical Education, Department of Work and Human Resource Education, College of Education and Human Development. Master's degree.

Reminder: Wear Maroon & Gold on Fridays!

<http://www.alumni.umn.edu/MGF>

Agronomy Gleanings, December 8, 2005

12/8/2005 8:00 AM

## AGRONOMY GLEANINGS

Department of Agronomy and Plant Genetics, University of Minnesota

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December 8, 2005

## ANNOUNCEMENTS

Upcoming University Holidays. Friday, December 23, Floating Holiday; Monday, December 26, Christmas Day Observed; Monday, January 2, 2006, New Year's Day Observed.

Thank You. Thank you very much for the basket of foliage plants. The plants added a lot of 'color' to my recovery. More importantly your wishes for a speedy recovery really paid off. Sincerely, Jeff Gunsolus

Condolences. Roger Wippler's father, Robert, age 73, of Randall, Minn., died unexpectedly at his home Tuesday, December 6. Funeral services will be at 11:00 a.m., Saturday, December 10 at St. James Catholic Church in Randall. Visitation at the Brenny Funeral Chapel in Randall from 4:00 until 8:00 p.m., Friday and from 9:00 until 10:30 a.m. on Saturday.

Obituary. Leonard Harkness, an outstanding leader in the 4-H movement in Minnesota and the nation, died Thursday, October 27, 2005 at the age of 88. Leonard directed the University of Minnesota Extension Service 4-H Youth Development program for 31 years until his retirement in 1980. Born on a farm near Randolph, Minnesota he graduated with honors from Northfield High School in 1935, and received his B.S. in Agronomy and Plant Genetics from the University of Minnesota in 1941. Harkness is survived by his wife of 63 years Maxine, his five children: Peggy, Marsha, Tom, Dodie and Sara Jane; 13 grandchildren and five great grandchildren.

Facilities Management Energy Conservation Campaign. What You Can Do to Conserve Energy at the U! <http://www.facm.umn.edu/energyconservation.html>

The "NewCo" Task Force on College Design for CNR/COAFES/CHE is hosting an Open Forum to present their draft recommendations to faculty, staff and students on Friday, December 9, 335 Borlaug Hall (note new location!), noon - 1:30 p.m.

3rd Annual Cargill/MPG Holiday Musicale. The Microbial and Plant Genomics Institute cordially invites you to the 3rd Annual Cargill/MPG Holiday Musicale featuring the

'Note'-able Genomes. Please join us for an afternoon of food, music and fun. Entertainment will be provided by your colleagues who wish to share their gift of music. Grab your buddies...come enjoy refreshments in the atrium of the Cargill Building as you listen to melodies of the season. The festivities will begin at 3:00 pm on Friday, December 9th, and continue until 5:00 pm (or until there is no more Wassail).

Holiday Potluck December 16th. Come one and all, faculty, staff, students and retired members of the Agronomy & Plant Genetics Department to the holiday potluck luncheon on December 16th, Room 306 BH, 11:30 a.m. to 1:30 p.m. Please bring: a dish to share plus \$2.00 OR \$5.00 (without a dish to share). Mystery judges will be awarding prizes for best food in five categories: main dish, ethnic dish, salad, dessert, and most festive food. Back by popular demand, White Elephant gifts to be distributed by Santa. If you have a White Elephant gift, (definition: "An object no longer of value to its owner, but of value to others") bring it WRAPPED to Marilyn Swanson's office, Rm# 408 BH anytime before 10:00 a.m. on December 16th. Nonperishable food items (optional) will also be collected for the St. Paul Food Shelf.

Toys for Tots/Mitten Tree. Once again the APS Grad club is organizing a Toys for Tots/Mitten Tree gift drive. Donations will be collected from Monday, December 5th - Friday, December 16th. Trees are displayed in the main offices of Agronomy and Horticulture. Please place unwrapped donations under the tree. Gifts will be delivered to a central location on December 16th at which time they will be distributed to local families. All donations are appreciated. Toys for Tots has expressed specific need for gifts appropriate for children ages 8-15. There are gift ideas on the tree in both offices. If you have any questions, contact Maggie at mang0106@umn.edu.

U of M Horticulture Club Holiday Plant Sale, St. Paul Student Center, Lower Level, Thursday, December 8, 9am - 5pm, Friday, December 9, 9am - 2pm.

- Poinsettias: 4.5" \$8.00, 6.5" \$12
- Norfolk Island Pine: 4.5" \$8.00, 6.5" \$12
- Holly \$12
- Christmas Cactus \$8
- Mistletoe \$4
- Also featuring Winter Floral Designs by the Hort Club.

REMINDER—Business Mileage Rate Changes for 2006. On December 2, 2005, the IRS announced mileage rate decreases for next year. Effective January 1, 2006, mileage allowance for personal vehicle use on approved University business decreases from 48.5 cents to 44.5 cents per mile. Also, the standard mileage rate for moving expenses decreases from 22 to 18 cents per mile.

The Center for Teaching and Learning Services and the Provost's Council for Enhancing Student Learning. Free mini-conference for Faculty, Graduate Students, and Instructional Staff on student evaluations of teaching led by Dr. Raoul Arreola, author of "Developing a Comprehensive Faculty Evaluation System," and professor at the

University of Tennessee Health Science Center, "Evaluating Teaching—A Comprehensive Approach," Thursday, February 23, 1:00-4:00 p.m., McNamara Alumni Center. To register: <http://www1.umn.edu/ohr/teachlearn/evaluation.html>

## SEMINARS

Thursday, December 8

BioTechnology Institute, Assistant Professor Gregory Weiss, University of California-Irvine, Department of Chemistry, "Multi-Dimensional Molecular Evolution, Recognition and Inhibition," 1:25 p.m., B-75 Amundson Hall.

Friday, December 9

BioTechnology Institute, Dr. Mani Subramanian, Director Center for Biocatalysis and Bioprocessing, University of Iowa, "Using High Through-NMR for Screening Biocatalysts and Applications," 12 noon, 239 Gortner Lab.

Friday, December 9

Plant Biological Sciences, Thesis Proposal, Yiping Qi, Graduate Student, "Isolation and Characterization of the Protein Complexes Containing the Arabidopsis Disease Resistance Proteins RPS2 and RPM1," 12 noon, 257 Biological Science Center, St. Paul Campus.

Monday, December 12

Bachman Chair in Horticultural Science and Applied Economics, The Todd and Barbara Bachman Horticulture Marketing Candidate Seminar, Dr. Marco A. Palma, Ph.D. in Agricultural Economics, University of Florida, Gainesville, FL, "Marketing Challenges and Opportunities in Horticulture," 310 Alderman Hall, 9:00 A.M. Refreshments will be served.

Monday, December 12

Applied Plant Sciences, "What a long-term crop and pasture rotation experiment has taught us. A Uruguayan experience," Mario Gaggero, M.S. student in the Department of Agronomy and Plant Genetics, 3:30 p.m., 306 Borlaug Hall.

Monday, December 12

U of M Bookstore, Discussion and Book Signing, Anna Pavord, International best-selling author, "The Naming of Names: The Search for Order in the World of Plants," U of M Bookstore, Coffman Memorial Union, 7:00 p.m. <http://www.bookstore.umn.edu/genref/authors.html>

Tuesday, December 13

The Applied Plant Sciences Prelim Discussion for the recent prelim exam is scheduled for 3:30 pm, 306 Borlaug Hall.

Tuesday, December 13

Plant Biological Sciences, Dr. Gordon E. Uno, Chair, David Ross Boyd Professor of Botany, Department of Botany and Microbiology, University of Oklahoma, "Top Ten Problems with Teaching and Learning Biology," 3:30 p.m., 335 Borlaug Hall.

Wednesday, December 14

Biochemistry, Molecular Biology, and Biophysics, Dr. James Ervasti, University of Wisconsin, Madison, Title to be announced, 4:00 p.m., 3-120 MCB.

#### POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

#### MINNESOTA DEPARTMENT OF AGRICULTURE

Research Scientist, Pesticide BMP Coordinator, St. Paul, Minn. Master's degree or higher in Weed Science, Agronomy, Crop Soil and Pest Management, Applied Plant Science or a closely related field with relevant course work in weed science and pesticide selection and use for the crops and field conditions in Minnesota.

#### SOUTH DAKOTA STATE UNIVERSITY

Graduate Student Research Assistantship, half-time appointment, Plant Science Department, Brookings, SD. B.S. or M.S. degree in Agronomy, Biology, Plant Science, Soil Science, or related discipline. Date Available: Summer/Fall 2006.

#### UNIVERSITY OF MINNESOTA

Senior Office Specialist, Educational Psychology, Education and Human Development, Minneapolis Campus.