

Agronomy Gleanings, January 4, 2006

1/4/2006 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/>

January 4, 2006

ANNOUNCEMENTS

Many thanks to all Department members for your generous contributions at the Holiday Party. We received \$311.00, which will all be donated to Second Harvest Heartland. Should you be interested in what your contributions are going to, you can check the organization's web site: <http://www.2harvest.org/about%5Fus/> . Further, we thank you for your food donations, which will be given to the local food bank. Happy New Year to all, The Social Committee

A Special Thanks to the Social Committee--David Garvin, Rex Bernardo, Morrison Jacobs, Marilyn Swanson and Kathryn Draeger--for their extra efforts in planning and hosting our Department Holiday Party. We appreciate all you did to make our celebration a success.

Thank you. Many thanks to you all for the beautiful "Winter Garden" sent to us in remembrance of Harley. He loved plants of every kind, and these are especially nice. He lived and breathed agriculture all his life. It is very comforting to know he is remembered. Sincerely, Sara Otto and Family.

Syngenta Departmental Coffee, Friday, January 20, 9:30 a.m., 306 Borlaug Hall. Hosted by the Regional Sustainable Development Partnership (RSDP).

The U.S. Postal Increase January 8 will boost first-class stamps from 37 to 39 cents. For more information, see Addressing and Mailing, <http://www.addrmail.umn.edu>

CSSA Mott Award Nominations Due. Dept. Heads, Chairs and Graduate Coordinators, nominate your graduate student candidates by January 27, 2006, to receive the Gerald O. Mott Meritorious Graduate Student Award. The award is offered by the Crop Science Society of America and recognizes top-notch graduate students pursuing advanced degrees in crop science disciplines. Departments select students based on academic achievements, research and teaching contributions, leadership and service activities, and personal qualifications. Recipients receive a certificate and are recognized in the March issue of CSANews, and they also can apply for the \$2500 Mott Scholarship available in 2006! Details: <http://www.asa-cssa-sssa.org/temp/060301/Mott2006.pdf>

Safety Procedures. A sharps container which had been autoclaved and then discarded in a trash can was discovered by our custodian, Chris Boston. He urges you to remember that sharps are considered hazardous waste and handled separately from routine waste. January would be a good time for supervisory personnel to review safety procedures in their labs and make certain all employees are current in their safety training.

15th Annual Research Update for Ag Professionals. Register now for this half-day update from University researchers:

<http://www.extension.umn.edu/cropenews/2005/05MNCN60ann.htm>

2006 Minnesota Organic and Grazing Conference and Trade Show, Friday and Saturday, January 20-21, St. Cloud Civic Center, St. Cloud, Minn. For more information call Mary Hanks or Meg Moynihan at 651-201-6012, MDA.

2006 Crop Pest Management Short Course and MCPR Trade Show. Read about this exciting new development from the Institute for Ag Professionals: <http://www.extension.umn.edu/cropenews/2005/05MNCN61ann.htm>

SEMINARS

Wednesday, January 4

Interview Seminar, Endowed Chair - Functional and Biochemical Genomics, Dr. Gary Muehlbauer, Agronomy and Plant Genetics, Univ. of Minnesota, "Genomics Approaches to Triticeae Improvement," 10:00-11:00 a.m., 306 Borlaug Hall.

Monday, January 9

Interview Seminar, Endowed Chair - Functional and Biochemical Genomics, Dr. Susan J. Lolle, National Science Foundation, Arlington, VA, "Evidence for non-Mendelian inheritance of ancestral sequences in Arabidopsis," 9:45 a.m., 306 Borlaug Hall.

Thursday, January 12

Interview Seminar, Endowed Chair - Functional and Biochemical Genomics, Dr. Erich Grotewold, The Ohio State University, Columbus, OH, "Regulation of Plant Gene Expression and Metabolic Engineering," 10:00 a.m., 306 Borlaug Hall.

Tuesday, January 17

Applied Plant Sciences, Thesis defense seminar, "Characterization of North American Isolates of *Diplocarpon rosae* (Rose Blackspot): Culturing and Storage, Race Differentiation, and Genetic Diversity," Vance Whitaker, Adviser: Dr. Stan Hokanson, 2:00 pm, 310 Alderman Hall.

POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

STA LABORATORIES, INC.

Molecular Breeding Laboratory Associate Technician II, Longmont, Colorado. Bachelors of Science Degree in plant breeding, biotechnology, biology, or a related field with significant science-based experience. Open until suitable candidate found. Contact is Russell D. Rasmussen, Manager, STA Genomics.

UNIVERSITY OF MINNESOTA

Web and Communication Specialist, School of Social Work, College of Education, Peters Hall, St. Paul campus. Bachelor's level education in English, journalism or related field. Temporary position through June 30, 2006.

THE UNIVERSITY OF ARIZONA

Department Head and Professor, Department of Plant Sciences, Tucson, Arizona. PhD. Closing date: February 1, 2006.

KANSAS STATE UNIVERSITY

Assistant Professor, Cropping Systems Agronomist, Southwest Research-Extension Center, Garden City, Kansas. Ph.D. in agronomy, crop science, soil science, or closely related area. Deadline: Screening begins April 1, 2006 and continues till filled.

THE MINNESOTA DEPARTMENT OF AGRICULTURE

Two part-time Student Worker positions available for organic and diversified agriculture projects, MDA, 625 N. Robert Street (12th and Robert), downtown Saint Paul. Positions start January 2006; open until filled. Must have completed at least two years of post secondary course work and be currently enrolled as a college/university junior, senior or graduate student. Must have course work in education related to agriculture, agricultural education, sociology, economics, communications, marketing, public policy or related field. Must be currently enrolled in a degree granting program and majoring in agriculture, agricultural education, sociology, economics, communications, marketing, public policy, or related field.

UNIVERSITY OF MINNESOTA

The School of Social Work, College of Human Ecology, has two civil service openings.

Position #1: Community Program Specialist (#8315), working title of Lead Neighborhood Educator, with a grant-funded pilot learning partnership between the Healthy Youth, Healthy Communities Committee and the Worthington Public Schools. This is a temporary position through July 15, 2006 and is located in Worthington.

Position #2: Program Associate (#8208) to provide higher level administrative support to the Director and Associate Director of the Institute on Domestic Violence in the African American Community (IDVAAC), also a grant-funded program. This is a 50%-time, continuing position.

Agronomy Gleanings, January 17, 2006

1/17/2006 8:00 AM

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January 17, 2006

ANNOUNCEMENTS

Syngenta Departmental Coffee, Friday, January 20, 9:30 a.m., 306 Borlaug Hall. Hosted by the Regional Sustainable Development Partnership (RSDP) and the Clean Energy Resource Teams.

Condolences. Dawn McDowell, daughter of professor emeritus, Donald K. Barnes, passed away at St. Joseph's Health Centre in Toronto, Ontario on Thursday, January 5, 2006 at the age of 50, after a courageous battle with cancer.

Reminders for U of M Travelers...the following three travel policies have changed effective January 1, 2006: 1) MILEAGE RATE has decreased to \$.445/mile. When completing your travel worksheet it will always list current rate. If you are turning in mileage prior to January 2006, you will need to manually change the rate to the appropriate amount and then allow the worksheet to calculate the correct reimbursement amount. 2) MEAL RATES have changed from reimbursing "actual" to "per diem" rates for travel meals. This means you need to look up the appropriate city, county, country that applies to your travel. Go to the U of M travel website: <http://travel.umn.edu> to find per diem rates. 3) ACCRUAL & USE OF FREQUENT FLYER MILES...change in policy makes the U of M employee responsible for tracking miles earned with University funds, providing records of such tracking if requested, and otherwise complying with this law. The travel worksheet has a specific place to record miles earned and used. For foreign travelers, be sure to record FF miles used to upgrade tickets to business class.

25th Annual Martin Luther King, Jr. Concert, Sunday, February 5, 4:00 PM, Ted Mann Concert Hall, Minneapolis Campus. "Music for Martin" featuring Bruce A. Henry with Debbie Duncan and Gwen Matthews, the University of Minnesota African Music Ensemble and 7 Days. Cost: Free!

Mott Award Nomination Due for Outstanding Crop Graduate Students. Department Heads, Chairs and Graduate Coordinators, nominate your graduate student candidates by January 27, 2006, to receive the Gerald O. Mott Meritorious Graduate Student Award. The award description, eligibility requirements and submission can be found at 2006 Gerald O. Mott Meritorious Graduate Student Award <http://www.asa-cssa->

sssa.org/temp/060301/Mott2006.pdf

UPlan Wellness introduces Health Connections, a new approach to wellness that offers University faculty and staff a financial reward for health improvement. Visit <http://www.healthconnections.umn.edu> to take the first step to better health.

SEMINARS

Wednesday, January 18

BMBB/BTI Faculty Candidate, Dr. Reza Ghiladi, University of California, San Francisco, "Mycobacterium tuberculosis Catalase-Peroxidase (KatG): Insights into Isoniazid Resistance Pathways in TB and the Role of the Met-Tyr-Trp Crosslink in Catalysis," 4:00 p.m., 239 Gortner. Chalk Talk, Thursday, January 19, 9:00 a.m., 342 Gortner.

Tuesday, January 24

Plant Biological Sciences, Dr. Paul Gepts, University of California-Davis, "The impact of gene flow on population and genome diversity in *Phaseolus vulgaris*," 3:30 p.m., 335 Borlaug Hall.

Monday, January 30

Applied Plant Sciences, Dr. Phil Pardey, Department of Applied Economics, "Global agricultural R&D investment and policy developments," 3:30 pm in 306 Borlaug Hall.

POSITION ANNOUNCEMENTS (Posted in notebook in 411 Borlaug Hall)

R.D. OFFUTT COMPANY

Agronomist, Fargo, North Dakota. B.S. or M.S. degree in Agronomy, Soils, or Horticulture.

UNIVERSITY OF MINNESOTA

Office Specialist, Student & Professional Services, Education and Human Development, Minneapolis East Bank.

UNIVERSITY OF MINNESOTA

Senior Food Service Worker, Childcare Cook, Center for Early Education and Development, College of Education and Human Development, Off-campus.

UNIVERSITY OF MINNESOTA

75% Fellow, The Design Institute, College of Architecture and Landscape Architecture.

UNIVERSITY OF MINNESOTA

Assistant Coordinator, Licensing and Leadership Development for Educational Administrators, Department of Educational Policy and Administration, The College of Education and Human Development. PhD or EdD in Educational Administration or closely related field.

Agronomy Gleanings, January 31, 2006

1/31/2006 8:00 AM

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January 31, 2006

ANNOUNCEMENTS

Pancake Breakfast. On Monday, February 6th, the APS grad students would like to make you breakfast. For the nominal fee of \$3.00, fresh, warm pancakes and sausages will be available in 306 Borlaug Hall from 8:30-10:00 a.m. All are invited. Proceeds will go to the APS Grad Club.

Syngenta Departmental Coffee, Friday, February 10, 9:30 a.m., 306 Borlaug Hall. Hosted by USDA-ARS employees in the Department.

New Arrival to Ed's family. Benjamin Joseph was born on January 3 to Betty and Ed Schiefelbein. He was born three months premature, and at birth weighed 2 lbs 9 oz and was 15 inches long. He is doing very well, breathing on his own and starting to gain weight. He will be spending 4-6 more weeks in the Neonatal Intensive Care Unit at Children's Hospital in St. Paul. We want to thank everyone for your prayers and support during this difficult time.

Burle Gengenbach's retirement celebration is scheduled for Friday, March 10 from 3:00 - 5:00 pm in the Cargill Building Atrium. Details to follow.

Note the case study project by Anna Claussen, M.L.A. Landscape Architecture student, 3rd floor Borlaug Hall display case, entitled "Changing Demographics in a Rural Minnesota Township." She was a student in the Sustainable Ag Colloquium last fall.

For Sale. Chevrolet Corsica, 1995, 130,000 miles, 4 doors, black. Good condition. \$2,200. Contact: Gina (herma102@umn.edu).

ASA-CSSA-SSSA. Recognize the achievements of your students and your peers by participating in the 2006 Awards Program. This year, ASA-CSSA-SSSA will award over \$100,000 in awards and scholarships for achievements in a variety of disciplines and at all levels of the professions www.asa-cssa-sssa.org/awards

St. Paul Campus Career Center programs: <http://www.stpaulcareers.umn.edu>

The University of Minnesota Chapter of Sigma Xi is sponsoring a Juried Research

Poster Exhibit for Graduate Students to be held in the Great Hall of Coffman Union, March 27, 2006. Abstracts will be selected and posters will be judged for excellence in communicating science and engineering research. Winners will be invited to receive their cash awards at the Sigma Xi Annual Banquet on April 11. This is a juried exhibit. Submit title, author(s), and short abstract (<200 words) to Michael Russelle (russelle@umn.edu) no later than 5:00 p.m., February 14. Decision regarding acceptance will be announced February 17.

Undergrad/Grad students. Peace Corps is currently seeking candidates with degrees in Agriculture to serve as Volunteers overseas with the mission of promoting Peace and Friendship. A Peace Corps representative is on campus every Tuesday to provide additional information, answer questions and assist students in the application process. Campus Office Hours, Tuesdays, 2 pm to 4 pm, St. Paul Career Center, 198 McNeal Hall. Appointments are also available by request. Contact: Dan MacLaughlin, 612.348.1484, dmaclaughlin@peacecorps.gov

SEMINARS

Tuesday, January 31

Plant Biological Sciences, Candidate for Plant Systematist position, Dr. Valerie Reeb, Duke University, "The family Acarosporaceae (lichenized Ascomycota): phylogenetic circumscription, evolution of polyspory, and origin of divergence," 3:30 p.m., 335 Borlaug Hall.

Wednesday, February 1

Chalk Talk, Dr. Valerie Reeb, "Evolution and phylogeography of a group-I intron that encodes a putative homing endonuclease in the lichen-forming fungus *Pleopsidium* (Ascomycota)," 1:00 p.m., 257 BioSci Center.

Wednesday, February 1

Horticultural Science, Dr. Mark Gleason, Iowa State University, "Exploring diversity in the sooty blotch and flyspeck complex on apples," 3:30 p.m., 310 Alderman Hall. Refreshments will be served.

Wednesday, February 1

Biochemistry, Molecular Biology & Biophysics, Faculty Candidate, Dr. Marc Morais, Purdue University, "Building a dsDNA Bacteriophage: the Pseudoatomic Structure of Phi29," 4:00 p.m., 3-120 MCB, Minneapolis Campus.

Thursday, February 2

Morais Chalk Talk, 8:30 a.m., 6-135 Jach, Minneapolis.

Monday, February 6

Applied Plant Sciences (APS), Dr. Shawn Kaeppler, University of Wisconsin, "Genomic Responses to Stress in Maize," 3:30 p.m., 306 Borlaug Hall.

POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

UNIVERSITY OF NEBRASKA, LINCOLN

Research Technologist, Agronomy and Horticulture Department. B.S. degree in agronomy, plant, range, soil science, biology, or closely-related field. Review of resumes begins February 6, 2006.

MONSANTO

Research Associate, Breeding, Research and Development, Waterman, IL. B.S. or M.S. degree in Plant Pathology or related scientific discipline.

MONSANTO

Research Associate, Breeding, Research and Development, St. Louis, MO. B.S. or M.S. degree in a plant science discipline.

UNIVERSITY OF MINNESOTA

Office Assistant, Institute on Community Integration/RTC, Minneapolis Campus.

CALIFORNIA POLYTECHNIC STATE UNIVERSITY

Professor of Turfgrass Science/Landscape Horticulture, Horticulture and Crop Science Department, San Luis Obispo, Calif. PhD in horticulture, agronomy or closely related field with an emphasis in turfgrass science. Application review begins: March 15, 2006. <http://www.calpolyjobs.org>

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2/9/2006 8:00 AM

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February 9, 2006

ANNOUNCEMENTS

Syngenta Departmental Coffee, Friday, February 10, 9:30 a.m., 306 Borlaug Hall.
Hosted by USDA-ARS employees in the Department.

Burle Gengenbach's Retirement Reception is scheduled for Friday, March 10th, 3:00-5:00 p.m. in the Cargill Building Atrium. Your presence at the reception would be a tribute to Burle's many contributions to the Department of Agronomy and Plant Genetics. As an honor and remembrance of Burle's service of more than 30 years, we would like to present him with a collection of letters that reflect on his exceptional character and influence (humorous aspects are also accepted). We invite you to participate in the reception and submit a letter acknowledging Burle's efforts and career. Please mail the letter by March 3rd to: Ms. Jeanne Davy, Administrative Director, Agronomy and Plant Genetics, University of Minnesota, 411 Borlaug Hall, 1991 Upper Buford Circle, St. Paul, MN 55108.

Congratulations! Beverly Durgan, the dean and director of the U of M Extension Service, has been appointed to also head the Minnesota Agricultural Experiment Station.

Welcome Dr. Richard Bawden, visiting professor from Michigan State where he is a Visiting Distinguished Professor in the Department of Natural Resources. He will be consulting with Dr. Nick Jordan for six weeks. The particular focus of his endeavors will be the design and development of the proposed graduate course in "Sustainability and the Worldview Challenge."

Fleet Services Driver's Class. Department personnel are needed to take the drivers class at Fleet Services again this year. The next open sessions are March 7th and March 21st. To register, call Jean Vale at 4-1083. The class goes from 8:30-12:00 noon with refreshments. Any questions, call Mike at 4-5395.

H.K. Hayes Graduate Student Award. Jennifer Jacobs, PhD candidate in the Applied Plant Science graduate program, will receive the H.K. Hayes Graduate Student Award for excelling in scholarship, research competency, and leadership. Jen is advised by Ron Phillips and Francisco Diez-Gonzalez (Department of Food Science and Nutrition).

Congratulations, Jen! The award will be presented as part of the Hayes Memorial Lecture and Graduate Student Award event to be held May 24. Please mark your calendar!

2006 St. Paul Plot Requests. Plot requests need to be submitted by March 31st. Submit your request online using the form located at the new link: <https://webapps.coafes.umn.edu//fee/>. Fill out the request form completely. All requests need to be submitted in this manner in order to be considered an official request. Any request by other means will not be honored. Any questions or problems, call Mike McClellan (4-5395) or Tom Warnke (5-1228).

Vehicle Inspection. All projects need to get their vehicles to Fleet Services ASAP for biannual inspections. If Fleet passes the vehicle, new license tabs will be issued. If Fleet fails a vehicle, then repairs need to be made. Call Tony at 612-625-7817 for an appointment. Remember: no inspection, no license tabs. Mike 4-5395

Reminder—All project samples and equipment that are sitting outside a lab, workroom, or office need to be labeled with a current date, phone #, and the project name. This will prevent important unmarked and unused items from being thrown out. This pertains to all labs, workrooms, and offices in Borlaug, Hayes, Crops Research, Crops Service, Seed House, and greenhouse areas. This also pertains to all official storage areas, such as shelves, racks, coolers and freezers in the above areas.

West Central Research and Outreach Center, Morris, Minn., Advanced Wind Energy Workshop, February 27, 10:00 a.m. - 6:00 p.m. \$60 registration. Pre-registration requested prior to February 20. Call Jean or Cory at 320-589-1711.

University of Minnesota, Morris Student Center, Homegrown Energy Conference, February 28, 8:00 a.m. - 3:30 p.m. \$30 registration (\$15 for students) Pre-registration requested prior to February 20. Call Jean or Cory at 320-589-1711.

For Sale. Baby clothes, highchair, bouncy seat, baby carrier. Contact: Sarah Jameson-Jones, Tuesdays, 212 Hayes Hall, 5-5772 or james039@umn.edu.

SEMINARS

Thursday, February 9

BioTechnology Institute, Prof. Tim LaPara, Civil Engineering, U of M, "Municipal Wastewater Treatment: A Possible Tool to Stop the Proliferation of Antibiotic Resistant Bacteria?," 3:30 p.m., 239 Gortner Lab, St. Paul Campus.

Thursday, February 9

Biochemistry, Molecular Biology and Biophysics, Faculty Candidate, Dr. John Pascal, Harvard Medical School, Boston, MA, "Anatomy of a Mammalian DNA Ligase and Structural Insights into the DNA End-Joining Reaction," 4:00 p.m., 2-137 JacH,

Minneapolis Campus.

Friday, February 10

Pascal Chalk Talk, 8:30 a.m., 6-135 Jach, Minneapolis.

Monday, February 13

Applied Plant Sciences (APS), Adriana Telias, APS Ph.D. student in the Department of Horticultural Science, "Striped or solid red? Studies on apple peel color," 3:30 p.m., 306 Borlaug Hall.

Monday, February 13

Biochemistry, Molecular Biology and Biophysics, Faculty Candidate, Dr. Jamie Bacher, Scripps Research Institute, La Jolla, CA, "The Crucial Role of Ambiguity in Genetic Code Evolution," 4:00 p.m., 105 Cargill, St. Paul Campus.

Tuesday, February 14

Bacher Chalk Talk, 9:00 a.m., 342 Gortner, St. Paul Campus.

Tuesday, February 14

Plant Biological Sciences, Candidate for Plant Systematist, Dr. Kenneth Karol, University of Washington-Seattle, "Genes, Gyrogonites, and Genomes: What they reveal about the Evolution of Green Plants," 3:30 p.m., 335 Borlaug Hall.

Wednesday, February 15

Karol Chalk Talk, "Nuclear gene families and organelle genomes," 257 Biological Sciences Center, St. Paul Campus.

Wednesday, February 15

What's Up in Sustainable Agriculture? and Minnesota Institute for Sustainable Agriculture present Erin Tegtmeier, Executive Director of Experiment in Rural Cooperation, "The External Costs of Agriculture," 12 noon, 306 Borlaug Hall.

POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

USDA-ARS US DAIRY FORAGE RESEARCH CENTER

Biological Science Laboratory Technician, Madison, WI. The incumbent will provide field and technical support to a perennial forage legume breeder. Candidates must request a copy of the vacancy announcement (ARS-X6W-0124) by either calling 301-504-1583 or by copying the full text announcement from the jobsearch.usajobs.opm.gov website. Applications must be postmarked by the closing date of February 27, 2006.

UNIVERSITY OF MINNESOTA

Executive Administrative Specialist, Center for Early Education and Development, East Bank.

KANSAS STATE UNIVERSITY

Graduate Research Assistant, Weed Science, Department of Agronomy, Manhattan, KS. Conduct research on biology longspine sandbur. B.S. or M.S. in plant science.

KANSAS STATE UNIVERSITY

Graduate Research Assistant, Weed Science, Manhattan, KS. Conduct research to understand sorghum hybrids response to mesotrione. B.S. or M.S. in plant science.

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February 20, 2006

ANNOUNCEMENTS

Fire Safety Seminar for department personnel, Tuesday, February 21, 11:00-12:00 noon, 105 Cargill Building. Refreshments will be served 10:30-11:00 a.m. Questions: Mike McClellan (4-5395).

Workers' Compensation Seminar for department personnel, Thursday, March 2, 11:00-12:00 noon, 105 Cargill Building. Refreshments will be served 10:30-11:00 a.m. Questions: Mike McClellan (4-5395).

The Soup Lunch Potluck will be Monday, March 6 in 306 Borlaug Hall from 11:30-1:00. Proceeds from the soup lunch will be donated to Second Harvest. Start thinking about what soup you will bring now. More details will follow soon.

The Fourth Annual William E. Larson and Raymond R. Allmaras Lecture on Emerging Issues in Soil and Water, 2:00-4:30 p.m., Wednesday, April 19. The overall theme of the program will be "Defining a Future Bioeconomy." This will be an expanded program with two speakers: (1) Dr. Bruce Dale from Michigan State University on "Biomass Supply and Biofuels: Some Perspectives," and (2) Dr. Rick Cruse from Iowa State University on the "Future Bioeconomy and Its Impacts on Soil and Water Resources." Both lectures will be given in 335 Borlaug Hall, which is located at 1991 Upper Buford Circle, University of Minnesota, St. Paul. Before the lectures, we will have brief comments from Representative Al Juhnke on the "Importance of Bioenergy to Rural Minnesota." For more information, please contact Dr. Satish Gupta, sgupta@umn.edu, 612-625-1241.

Terrorist Threats to Our Food Supply: Food Protection and Defense--Science, Ethics & Law, a full-day conference, Friday, April 21, Cowles Auditorium, Humphrey Center, University of Minnesota. For more information about registration, continuing education credits, agenda and speakers, please visit the conference website: <http://www.lifesci.consortium.umn.edu/conferences/foodsafety.php>

Great Conversations. Deborah Swackhamer, Co-Director of the U's Water Resources Center, compares perspectives with award-winning Canadian ecologist David Schindler on how to protect water quality for future generations, February 28, 7:30 p.m., Ted

Mann Concert Hall. Complete information is available at <http://www.cce.umn.edu/conversations>

SEMINARS

Monday, February 20

Applied Plant Sciences (APS), Dr. Andy Hopkins, Samuel Roberts Noble Foundation, "Endophyte Considerations in Tall Fescue Cultivar Development," 3:30 p.m., 306 Borlaug Hall.

Tuesday, February 21

Plant Biological Sciences, Dr. Imke Schmitt, Dept. of Biology, The Field Museum, Chicago, IL, "Classification and Phylogeny of Lichen-Forming Fungi," 3:30 p.m., 335 Borlaug Hall.

Chalk Talk, Wednesday, February 22, 1:00 p.m., 257 Biological Sciences Center, "Evolution of Secondary Metabolism in Lichenized Fungi."

Wednesday, February 22

What's Up in Sustainable Agriculture? and Minnesota Institute for Sustainable Agriculture, John Hooper, largest yak rancher in eastern half of North America, "Raising and Marketing Yak," 12 noon, 408 Hayes Hall.

Wednesday, February 22

Horticultural Science, Dr. Geunhwa Jung, Assistant Professor, Department of Plant Pathology, University of Wisconsin - Madison, "Comparative Analyses of Turfgrass Genomes and Disease Resistance with Cereal Crops," 3:30 p.m., 310 Alderman Hall.

Wednesday, February 22

Biochemistry, Molecular Biology and Biophysics, Dr. Anindya Dutta, University of Virginia, School of Medicine, Charlottesville, "Regulation of DNA Replication in Human Cancer Cells," 4:00 p.m., 3-120 MCB.

Thursday, February 23

BioTechnology Institute, Dr. Peter Zandstra, University of Toronto, "Systematic Approaches to Predicting and Controlling Stem Cell Output," 3:30 p.m., 1-110 MTRF, Stem Cell Institute, Minneapolis Campus.

Thursday, February 23

Biochemistry, Molecular Biology & Biophysics, Faculty Candidate, Dr. Roberto Dominguez, Boston Biomedical Research Institute, Watertown, MA, "Structural Basis for Actin-Cytoskeleton Assembly by WASP-Arp2/3 and VASP-family Proteins," 4:00 p.m., 2-650 Moos Tower, Minneapolis Campus.

Friday, February 24

Applied Plant Sciences, Ph.D. Thesis Defense, Karin Kettenring, "Seed Ecology of

Wetland Carex spp. - Implications for Restoration," 9:00 a.m., 310 Alderman Hall.

Tuesday, February 28

1st Annual PBS Visionary Speaker, Vicki Chandler, Regents Professor, University Arizona, "Heritable Chromatin Structures are Established Through Trans-Interactions Between Tandem Repeats," 3:30 p.m., 335 Borlaug Hall.

Thursday, March 2

NAS Lectureship, The National Academy of Sciences Lectureship Series presents: E. Peter Greenberg, Ph.D., Professor and Chair, Dept. of Microbiology, University of Washington, "The Sociomicrobiology of Pseudomonas aeruginosa," 1:00 pm, 105 Cargill Building for Microbial and Plant Genomics, 1500 Gortner Avenue, St. Paul Campus. Sponsored by the Microbial and Plant Genomics Institute.

Tuesday, March 21

Special Seminar, Lee DeHaan, Land Institute, "Plant Breeding Research at the Land Institute," 1:30 p.m., 335 Borlaug Hall.

POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

UNIVERSITY OF MINNESOTA

Office Specialist, The Center for Neurobehavioral Development (CNBD), Institute of Child Development.

UNIVERSITY OF MINNESOTA

Junior Scientist, full-time, one-year temporary, Plant Pathology. BS in plant biology, plant pathology, microbiology, horticulture, agriculture, or related discipline.

UNIVERSITY OF MINNESOTA

Office Specialist, Kinesiology, Education and Human Development, TC-Minneapolis.

UNIVERSITY OF MINNESOTA

Student Personnel Coordinator, Department of Animal Science. BA/BS degree and one year program planning or related administrative experience.

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March 2, 2006

ANNOUNCEMENTS

University Floating Holiday, Friday, March 17. University offices will be closed.

Farewell. After nearly three years, Steve Morse will leave the Green Lands, Blue Waters initiative on March 5. Steve played a significant role in developing the consortium by bringing together a broad, diverse group of people to work on this important initiative. We wish him all the best. Steve begins his new job as Director of the Minnesota Environmental Partnership (<http://www.mepartnership.org/>) on March 20th.

The Soup Lunch organized by the APS Grad Club will be Monday, March 6 in 306 Borlaug Hall from 11:30-1:00. Cost will be \$5 or \$3 if you bring a soup or dessert. Bread will be provided by Great Harvest Bakery. All proceeds from this event will be donated to Second Harvest Food Shelf.

Burle Gengenbach's Retirement Celebration is Friday, March 10 from 3:00 - 5:00 pm in the Cargill Building Atrium. Please join us in celebrating Burle's 33 years as a faculty member and former Head of the Department of Agronomy and Plant Genetics.

The University voicemail system is being replaced. NTS will convert all voicemail accounts on the Twin Cities campus on March 26, 2006. Any user can access the new system now and pre-set their greeting, password, and user name. See <http://www.umn.edu/nts/go4msg/>

Hueg Harrison Fellowship applications are now being accepted for the Hueg-Harrison Fellowship. The deadline for application is March 25, 2006. Contact: Cynthia J. Livingston at 612-624-7489 or clivings@umn.edu.

Job Seeker: Hans Jung's son is looking for a summer job. He will be a freshman at UW-Madison in the fall majoring in biology. He would prefer a lab position but is willing to do field work. Contact Hans at 625-8291.

SEMINARS

Thursday, March 2

The National Academy of Sciences Lecturer Series sponsored by the Microbial and Plant Genomics Institute, Professor E. Peter Greenberg, Chair, Dept of Microbiology, University of Washington, "The Sociomicrobiology of *Pseudomonas aeruginosa*," 1:00 p.m., 105 Cargill Building. Grad student and post doc discussion, 2:00-3:00 p.m.

Thursday, March 2

BioTechnology Institute, Dr. Jeffrey Gralnick, Dept. of Microbiology, "28 Days in Antarctica--My Trip as a Student in the Antarctic Biology Course," 3:30 p.m., 239 Gortner Lab.

Thursday, March 2

Biochemistry, Molecular Biology & Biophysics, "Structural Basis for Protein Recruitment to the Activated Insulin Receptor," Dr. Stevan Hubbard, New York University School of Medicine, New York, NY, 4:00 p.m., 2-137 Jackson Hall, Minneapolis Campus.

Monday, March 6

Applied Plant Sciences, Dr. Shahyran Kianian, North Dakota State University, "A serendipitous path to genomics: Genetic and molecular investigation of nuclear-cytoplasmic interactions in wheat," 3:30 p.m., 306 Borlaug Hall.

Tuesday, March 7

Plant Biological Sciences, Dr. Jim Giovannoni, Boyce Thompson Institute for Plant Research, "Genetic and genomic analysis of fruit ripening in tomato," 3:30 p.m., 335 Borlaug Hall.

Wednesday, March 8

MISA and WUSA present Richard Bawden, Visiting Distinguished University Professor, Department of Community, Agriculture, Recreation and Resource Studies, Michigan State University, "Land Care in Australia - The Epistemic Challenge of Sustainable Development," 12 pm, 306 Borlaug Hall.

Wednesday, March 8

Plant Biological Sciences, Candidate for Research Associate position, Dr. Changbin Chen, The Huck Institutes of the Life Sciences, The Pennsylvania State University, "Molecular Regulation on Plant Male Gametophyte Development," 3:30 p.m., 115 Cargill. Chalk Talk, Thursday, March 9, 1:00 p.m., 257 BioSci Center, "A Program of Research to Study Meiotic Recombination and Early Anther Development in *Arabidopsis* and Rice."

Wednesday, March 8

Horticultural Science, Dr. William Graves, Professor, Department of Horticulture, Iowa State University, "Ecology and Genetic Structure of Leatherwoods (*Dirca* spp.)," 3:30

p.m., 310 Alderman Hall. Refreshments will be served.

Wednesday, March 8

Biochemistry, Molecular Biology & Biophysics, "Catalysis of Disulfide Bond Formation," Dr. James Bardwell, University of Michigan, Ann Arbor, 4:00 p.m., 3-120 MCB, Minneapolis Campus.

Thursday, March 9

BioTechnology Institute, Asst. Prof. Todd Ciche, Michigan State University, "Invasion of the Body Snatchers: Symbiont Transmission by Insect Parasitic Nematodes," 3:30 p.m., 239 Gortner Lab, St. Paul Campus.

Thursday, March 9

Biochemistry, Molecular Biology & Biophysics, "The Carboxysome: A Case Study in the Structure and Function of Prokaryotic Organelles," 4:00 p.m., 2-137 Jach, Minneapolis Campus.

POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

UNIVERSITY OF VERMONT

New Faculty Position in Agricultural Systems, Department of Plant and Soil Science in the College of Agriculture and Life Sciences and the UVM Environmental Program. Ph.D. in agricultural and/or natural sciences. Review of applications will begin March 1, 2006.

<http://www.uvm.edu/~pss/Page=pssdeptweb/jobopenings.htm#agrisystems>

UNIVERSITY OF MINNESOTA

Principal Administrative Specialist, Grant Project Manager, 20 hrs/wk, Department of Agronomy and Plant Genetics, St. Paul Campus.

UNIVERSITY OF MINNESOTA

Senior Office Specialist, temporary from March to June 11, 2006, CALA, Minneapolis/East Bank.

USDA, ARS

Biological Science Laboratory Technician (GS-7/8), Plant Genetic Resources Conservation Unit, Griffin, GA. Research involving molecular characterization and evaluation of plant germplasm. Closing date: March 13, 2006.

UNIVERSITY OF MINNESOTA

Program Director, Academic Professional and Administrative, School of Social Work. Master of Social Work degree. Review of applications to begin: March 24, 2006.

UNIVERSITY OF MINNESOTA

Field Coordinator, School of Social Work. M.S.W. degree from an accredited program.

UNIVERSITY OF MINNESOTA

Child Care Teacher, Institute of Child Development, Education and Human Development, Off Campus. Bachelor's degree in related field.

UNIVERSITY OF MINNESOTA

Research Fellow, Law School Institutes, Institute on Race and Poverty, TC West Bank. Master's degree in urban or regional planning field, related social science, or JD from an accredited institution of higher education. Closing date: March 31, 2006.

UNIVERSITY OF MINNESOTA

Prin. Administrative Specialist, The Institute on Crime and Public Policy, The Law School, TC West Bank.

KANSAS STATE UNIVERSITY

Research Associate, Department of Agronomy, Crop, Soil, and Range Sciences, Manhattan, KS. PhD in Plant Molecular Genetics or related field with a strong background in plant molecular genetics, functional genomics, molecular breeding, or bioinformatics. Closing date: March 15, 2006 or until filled.

Agronomy Gleanings, March 14, 2006

3/14/2006 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/>

March 14, 2006

ANNOUNCEMENTS

Spring Break is March 13-17. University offices will be closed for a Floating Holiday on March 17.

Birth Announcement. Burle and Lou Gengenbach are the proud grandparents of Ingrid Marie Holm, born Tuesday, March 7 at 5:30 p.m., weighing in at 7lb 10oz even though she was a few weeks early. She is doing well as are Tara and Doug and all of the grandparents.

The Soup Lunch was a great success! We raised just over \$400 for Second Harvest. 21 people brought soup, which was a huge turnout. Thanks to everyone that participated. Here are the winners:

- Cream of ... : Vance Whitaker, Creamy Potato
- Vegetarian: Betsy Kurcinka, Tuscan Chickpea
- Home Grown/Wild Game: Kathy Draeger, Cafe Latte Black Bean
- International: Charlie Rohwer, Hot and Sour
- Spiciest: Veronica Justen, Creole Bisque
- Favorite Soup: Charlie Rohwer, Hot and Sour
- Dessert: Ester McGinnis, Death by Chocolate

Classes Without Quizzes, Saturday, April 1, University of Minnesota, St. Paul Campus. For more information <http://www.coafes.umn.edu/cwq>

Society for In Vitro Biology Meeting, Minneapolis Hilton, June 3 - 7, 2006. Don't miss this opportunity to participate in an outstanding international meeting being held in Minneapolis! Leading researchers in the areas of Agrobacterium transformation, genomics, and molecular nutrition will present! Special Keynote Speaker is Ronald L. Phillips, University of Minnesota Regents? Professor and McKnight Presidential Chair in Genomics. For the most up-to-date information on the program and registration, please visit the SIVB website at <http://www.sivb.org/meetings.asp>

Award Ceremony honoring University of Minnesota Honorary Degree recipient Gordon C. Marten, PhD, 4:00 p.m., Monday, April 10, Cargill Building-Microbial & Plant

Genomics. Please RSVP by April 3: 612-625-7773 or davyx001@umn.edu.

Congratulations! Marvin Boerboom, B.S. in Agronomy, 1973, was named a winner of Monsanto's Science and Technology Career Award. Winners of the Science and Technology Career Award were selected based on recognizing outstanding and sustained contributions by an individual throughout his/her career that have enhanced Monsanto's leadership in science and/or commercial success. The award process consisted of nominations developed by managers and peers, reviewed by fellow scientists and selected by the technology leadership team. Marvin was recognized for his distinguished scientific career at Monsanto where he has played a crucial role through his creativity and expertise in plant breeding, which has provided and continues to provide important and valuable contributions to Monsanto, especially to the company's corn seeds and traits business.

SEMINARS

Monday, March 20

Plant Pathology, Dr. Hans VanEtten, Division of Plant Pathology & Microbiology, Univ. of Arizona, "Microbial adaptation to plant antibiotic adaptation: implications for evolution of plant pathogenesis and disease resistance," 3:00 p.m., 365 Borlaug Hall.

Monday, March 20

Applied Plant Sciences, Dr. Stan Hokanson, Department of Horticultural Science, "Woody Landscape Plant Breeding and Genetics, It's Not All About Cold," 3:30 p.m., 306 Borlaug Hall.

Monday, March 20

Biochemistry, Molecular Biology, and Biophysics, Faculty Search, Dr. Cheryl Kerfeld, Univ of California, LA, "The Carboxysome: A Case Study in the Structure and Function of Prokaryotic Organelles," 4:00 p.m., 2-137 Jach, Minneapolis. Kerfeld Chalk Talk, Tuesday, March 21, 8:30 a.m., 6-135 Jach.

Tuesday, March 21

Special Seminar, Dr. Lee DeHaan, The Land Institute, "Perennial Grain Breeding in Theory and Practice," 335 Borlaug Hall, 1:30-2:30 pm. Co-sponsored by the APS program and MISA

Tuesday, March 21

Plant Biological Sciences, Dr. Martha Hawes, University of Arizona, "Function of Root Border Cells in Plant Health: Pioneers in the Rhizosphere," 3:30 p.m., 335 Borlaug Hall.

Wednesday, March 22

Biochemistry, Molecular Biology and Biophysics, Dr. Sandra Lobo, "Fatty Acid Influx in Adipocytes: Functional Analysis Using FATP1 Knockdown 3T3-L1 Adipocytes," 4:00 p.m., 3-120 MCB, Minneapolis.

Thursday, March 23

BioTechnology Institute, Faculty Candidate for Bio-based Products Engineering and BioTechnology Institute, Ping Wang, PhD, University of Akron, "Biological and Synthetic Methods for the Formation of Polymeric Nanostructures," 3:30 p.m., 239 Gortner Lab.

Monday, March 27

Applied Plant Sciences, Dr. Neil Anderson, Department of Horticultural Science, "Reversing the Tide: Programmatic Prevention of Future Invasive Crops," 3:30 p.m., 306 Borlaug Hall.

POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

STATE OF MINNESOTA

Plant Health Specialist I, Posting Number: 06AGR000010, Agriculture Department, Hutchinson or surrounding area. Bachelor's degree or higher in Entomology, Agronomy, Plant Pathology, Plant Health Technology, Botany, Horticulture, Forestry, or a related plant science. <https://statejobs.doer.state.mn.us/ResumeBuilder>
Closing date: April 10, 2006.

UNIVERSITY OF ARKANSAS

Post Doctoral Research Associate, Crop Breeding or Physiology and experience with molecular markers/QTLs, Department of Crop, Soil, and Environmental Sciences, Fayetteville. Deadline: April 21, 2006.

WASHINGTON STATE UNIVERSITY

Assistant Professor/Assistant Agronomist - Weed Scientist, Department of Crop and Soil Sciences, Pullman, WA. PhD in Weed Science, Agronomy, Crop Science, or related discipline. Closing date: March 20, 2006. <http://www.wssa.net/weedjobs/06mar01.html>

Agronomy Gleanings, March 24, 2006

3/24/2006 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;

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March 24, 2006

ANNOUNCEMENTS

Award Ceremony honoring University of Minnesota Honorary Degree recipient Gordon C. Marten, PhD, 4:00 p.m., Monday, April 10, Cargill Building-Microbial & Plant Genomics. Please RSVP by April 3: 612-625-7773 or davyx001@umn.edu.

Thank you. My family and I would like to thank all those who attended and/or had a part in the retirement reception last Friday. Lou, Alan and I really enjoyed the event and the kind words that were said - talk about grade inflation!! I especially appreciate those who traveled some distance to be here and the opportunity to visit with folks we had not seen for some time. Thank you for the gift certificate and the donations that went into the graduate student fellowship fund, for the book of letters, the beautiful orchids, and for a wonderful time. A special thanks to Carroll Vance for organizing the program and to the committee who pulled it all together. Sincerely, Burle

UMTC Voicemail System will cut over to the new Gopher Messaging Voicemail system Sunday, March 26. It is important that all UMTC users set up their new voicemail boxes before the cutover date. For instructions, see <http://www.umn.edu/nts>.

Phillip C. Hamm Memorial Lecture, Tuesday, April 11, Dr. Ronald Phillips, Regents Professor, Agronomy and Plant Genetics, College of Agricultural, Food and Environmental Sciences, University of Minnesota. Lecture title: "Chance favors the prepared mind: Bridging molecular/cell biology and agriculture for a better future." Reception: 9:30-10:00 am, Atrium, Cargill Building. Awards ceremony and lecture: 10:00-11:30 am, 105 Cargill Building.

The 8th Annual Bolum Symposium, hosted by the Department of Biochemistry, Molecular Biology, and Biophysics, "The Science of Aging," May 3rd, 1:30 - 5:00 pm, 2-101 NHH. Invited Speakers: Dr. Leonard P. Guarante, MIT; Dr. Holly Van Remmen, University of Texas, San Antonio; Dr. Richard A. Miller, University of Michigan; Dr. Richard Weindruch, University of Wisconsin.

The Fifth Plant Genomics European Meetings will take place in Venice, Italy, October 11 to 14, 2006: <http://plant-gems.org>

Job Seeker. My son is looking for a summer job. He will be a freshman at UW-Madison in the fall majoring in biology. He would be interested in either lab or field work. Contact Hans Jung; 625-8291.

Apartment Furnishings for Sale. Queen size bed with wrought iron headboard, dresser, night stand, smaller dining table with four chairs, coffee table, microwave table, entertainment center, and TV trays. Photos available. Contact Brad Kinkaid if interested (217 Hayes Hall or 5-6717).

SEMINARS

Monday, March 27

Applied Plant Sciences, "Reversing the Tide: Programmatic Prevention of Future Invasive Crops," Dr. Neil Anderson, Department of Horticultural Science, 3:30 p.m., 306 Borlaug.

Tuesdays, March 28

Plant Biological Sciences, Dr. James C. Carrington, Director, Center for Genome Research and Biocomputing, Oregon State University/Corvallis, "Small RNA-Directed Pathways in Plants," 3:30 p.m., 335 Borlaug Hall.

Wednesday, March 29

What's Up in Sustainable Agriculture and Minnesota Institute for Sustainable Agriculture present: Professor Steve Simmons, Department of Agronomy and Plant Genetics, "Experiences at Evergreen State College," 12 noon, 306 Borlaug Hall.

Wednesday, March 29

Biochemistry, Molecular Biology & Biophysics, "Choreographing DNA Replication: Structural Mechanisms of a Simple Replication Machine," Dr. Ellen Fanning, Vanderbilt University, Nashville, 4:00 p.m., 3-120 MCB, Minneapolis.

POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

OREGON STATE UNIVERSITY

Assistant Professor, Weed Management Specialist, Malheur Experiment Station, Malheur County, Ontario, OR. Ph.D. in weed science, agronomy, crop science or a related area with experience in weed management and applied research. Closing date: May 8, 2006.

GEOSEARCH, INC.

Jobs for new grads: <http://www.geosearch.com>.

Agronomy Gleanings, April 3, 2006

4/3/2006 8:00 AM

AGRONOMY GLEANINGS

Department of Agronomy and Plant Genetics, University of Minnesota
411 Borlaug Hall, 1991 Upper Buford Circle, St. Paul, MN 55108-6026
PHONE (612) 625-7773; FAX (612) 625-1268; EMAIL agro@mail.coafes.umn.edu
WEB <http://agronomy.coafes.umn.edu>
April 3, 2006

ANNOUNCEMENTS

Birth Announcement. Kai Kenneth Gail Becker Gertjejanssen, son of Roger Becker and Wendy Gertjejanssen, and brother of Cora Marie, 4 years old, was born Friday, March 24 at 7:42 pm, 8lbs and 6 oz., 21 inches long. All are doing well.

Award Ceremony honoring University of Minnesota Honorary Degree recipient Gordon C. Marten, PhD, 4:00 p.m., Monday, April 10, Cargill Building-Microbial & Plant Genomics. Please RSVP by Monday, April 3: 612-625-7773 or davyx001@umn.edu.

Project Reminder: Make sure your vehicle and trailer tabs are current. If they are not, call Jeanne Vale at Fleet Services (4-1083) and she will help with new tabs. Also, a spring trailer inspection should be done on all Agronomy trailers by Steve at the St. Paul Ag Services Shop (5-5730). Questions, contact: Mike (4-5395).

12th Annual Agronomy Shape-Up Challenge, April 3-May 14. Sign up with Jeff Roessler (roess001@umn.edu). Exercise. Win prizes. Get in shape. This event is supported by Syngenta Development Funds.

Shape-Up Challenge Double Point Days:

Tuesday, April 4

Wednesday, April 12

Thursday, April 20

Friday, April 28

Monday, May 1

Tuesday, May 9

First Shape-Up Challenge Special Event, Friday, April 7, 11:30 a.m., 306 Borlaug Hall, Maria Stewart, PhD student in Food Science and Nutrition, "Fighting Fat with Fiber: Weight Loss Strategies Through a Healthy Diet."

Second Shape-Up Challenge Special Event, Friday, April 21, 12 pm, 306 Borlaug Hall, Chris Hartman, a personal trainer from Hamline University, will discuss in-home, free-weight exercises. Strength training is an excellent way to increase metabolism, muscle tone, etc.

Kermit A. Olson Memorial Lecture, presented by the Department of Horticultural Science, lecture by Dr. Raymond M. Wheeler, PhD, NASA Kennedy Space Center, Florida, "Plants for Human Life Support in Space," Wednesday, April 19, 110 Green Hall, St. Paul Campus.

Ethical Guidelines for External Support of University Initiatives in Food Safety and Food System Protection, May 11-12, University of Minnesota. For more information and registration, please visit: <http://www.cvm.umn.edu/cahfs/>

Saint Paul Parks and Recreation volunteers needed for Spring Parks Cleanup, Saturday, April 15, Como Park Lakeside Pavilion. Kickoff begins at 8:30 a.m., cleanup from 9:00 to 11:00 a.m. For more information visit: <http://www.stpaul.gov/parks>

Job Seeker. My son is looking for a summer job. He will be a freshman at UW-Madison in the fall majoring in biology. He would be interested in either lab or field work. Contact Hans Jung: 625-8291.

Te-Tzu (T.T.) Chang, 79, passed away in Taiwan, Wednesday, March 22. He died of a heart attack.

Dr. Chang, IRRI's principal geneticist for more than 30 years and head of the International Rice Germplasm Center when he retired in December 1991, was considered a world authority on rice genetics and conservation. His research on the evolution and variation of rice led to major advances in plant breeding, productivity, and disease resistance with a profound impact on agriculture productivity throughout much of Asia, Africa, and South America.

Dr. Chang introduced Dee-geo-woo-gen, a Chinese dwarf rice, to IRRI's breeding program in 1962. That led to the development of the first high-yielding semidwarf rice varieties. IR8, the first such variety to be widely grown in the tropics, was released late in 1966. It was followed by a succession of improved, early-maturing varieties with genetic resistance to many of the major insect pests and diseases of rice.

Faced with the peril of losing genetic resources that hold the key to the future development of newer and better rice crops, Dr. Chang perceived the danger and put great effort into saving unimproved varieties and their wild relatives. He mobilized international and multi-agency resources in 14 Asian nations and several African nations to undertake massive field collections of nearly 40,000 specimens, many on the brink of extinction. This effort made IRRI's rice gene bank holdings the largest collection in the world for a single crop plant. Desirable genes from this invaluable resource continue to sustain advances in global rice production.

Over the years, Dr. Chang had shared his expertise in genetic conservation with national agricultural research centers in China and India as they established gene

banks for other crop species.

A native of Shanghai, China, Dr. Chang completed his undergraduate degree at the University of Nanking and earned masters and PhD degrees from Cornell University and the Department of Agronomy and Plant Genetics, University of Minnesota, respectively. –IRRI Bulletin

Dr. Chang earned the Ph.D. from our department in Plant Genetics in 1959. He received the Outstanding Achievement Award from the University of Minnesota on September 15, 1986. Dr. Chang was a generous donor to the University of Minnesota.

Plant Sale, 5th Annual CBS Greenhouse/Plant Biology Phytograds, Wednesday and Thursday, April 5-6, 9:00-4:00, St. Paul Student Center. Cacti, Herbs, Orchids, Carnivorous Plants.

SEMINARS

Monday, April 3

Applied Plant Sciences, Diversity and Relationships in American Wild Strawberries,” Jim Luby, Professor in Horticultural Science, 3:30 p.m., 306 Borlaug Hall.

Monday, April 3

Bell Museum of Natural History, “Evidence for multiple refugia, periglacial persistence and cryptic species: phylogenetics and phylogeography of the montane caddisfly *Drusus discolor*,” Dr. Steffen Pauls, Zoology Department, The Field Museum of Natural History, Chicago, Ill., 3:30 p.m., 105 Cargill.

Monday, April 3

Conservation Biology Seminar Series, “The contribution of soil organisms to prairie restoration,” Dr. Peter Graham, Soil, Water & Climate, Univ. of Minnesota, 4:00 p.m., 495 Hodson Hall.

Tuesday, April 4

Plant Biological Sciences, “Probing microbial communities: from genomes to functional analyses,” Dr. Devaki Bhaya, Department of Plant Biology, Stanford University, 3:30 p.m., 335 Borlaug Hall.

Wednesday, April 5

What’s Up in Sustainable Agriculture? and Minnesota Institute for Sustainable Agriculture present: “Chickens in the City!,” Peat Willcut, University of Minnesota, 12 noon, 306 Borlaug Hall.

Thursday, April 6

BioTechnology Institute, Kurt Faber, Graz University, “Alkyl Sulfates in Biocatalysis,” 3:30 p.m., 239 Gortner Lab.

Monday, April 10

Applied Plant Sciences, Ph.D. Thesis Defense, "Developing cold tolerant *Gaura lindheimeri*: Identifying and characterizing *G. coccinea* and chromosome doubled *G. lindheimeri*," Grace M. Pietsch, 10:00 a.m., 310 Alderman Hall.

Tuesday, April 11

Phillip C. Hamm Memorial Lecture, Dr. Ronald Phillips, Regents' Professor, Agronomy and Plant Genetics, University of Minnesota, "Chance favors the prepared mind: Bridging molecular/cell biology and agriculture for a better future," reception: 9:30 a.m., Atrium, Cargill Building; award ceremony and lecture: 10:00-11:30 a.m., 105 Cargill Building.

Monday, April 17

Experiment Station Project Seminar, Lori Scott, 12 noon, 306 Borlaug Hall.

Tuesday, April 18

Experiment Station Project Seminar, Jim Anderson, 3:00 p.m., 306 Borlaug Hall.

Thursday, April 20

Experiment Station Project Seminar, Paul Peterson, 8:30 a.m., 306 Borlaug Hall.

Thursday, April 20

Experiment Station Project Seminar, Rex Bernardo, 9:15 a.m., 306 Borlaug Hall.

Monday, April 24

Experiment Station Project Seminar, Seth Naeve, 12 noon, 306 Borlaug Hall.

Monday, April 24

Experiment Station Project Seminar, Paul Porter, 12:45 p.m., 306 Borlaug Hall.

Tuesday, April 25

Experiment Station Project Seminar, Craig Sheaffer, 3:00 p.m., 306 Borlaug Hall.

POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

UNIVERSITY OF ARKANSAS

Project Technician, Forage Physiology, Department of Crop, Soil, and Environmental Sciences, Fayetteville, Arkansas. B.S. or equivalent degree with at least 2 years relevant experience or M.S. degree by May, 2006, in crop or soil science, or a related agricultural or environmental field, biology, or earth science fields with knowledge of plants. Closing date: April 15, 2006.

SYNGENTA

Research Associate, SPD06-003, Molecular Marker Lab, Stanton, Minnesota. B.S. degree in Genetics, Plant Molecular Biology or related discipline. Email: jobs.seedsnafta@syngenta.com.

USDA-ARS

Postdoctoral Research Associate, Research Molecular Biologist, Plants, University of Minnesota, St. Paul Campus. Focus is genomics of wheat disease resistance. PhD in the Plant Sciences (Plant Biology, Plant Pathology, Plant Genetics, or a related field). Position number: RA-06-070L. If interested, please visit the following website for full information on the position, eligibility, and application procedures:

Agronomy Gleanings, April 17, 2006

4/17/2006 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/>

April 17, 2006

ANNOUNCEMENTS

Shape-Up Winners for Week 1 Drawing are Hedera Porter and Kate Seager. They will each get a restaurant gift certificate for \$20. The week's highest point earner was Randy Kiehne, 1350 points, from the HayRS team. We have 13 teams with 122 participants this year.

Shape-Up Challenge guest speaker Chris Hartman, a personal trainer from Hamline University, Friday, April 21, 12 noon, 306 Borlaug Hall. Discussion on using free weights.

Faculty/Students/Staff BBQ. The Gopher Crops and Soils Club will be having their annual BBQ on Friday, April 21st on the Borlaug Patio from 11:30-1:00pm. The menu includes: hamburgers, chips, potato salad, cookies, pop and water. The price is \$3 dollars for faculty, staff members and guests.

Congratulations! Dr. Vernon Cardwell has received the University of Minnesota 2006 Outstanding Community Service Award that recognizes his contributions to community service and public engagement. He was cited for his work in advancing agricultural literacy and his work with the Minnesota Project Food, Land and People.

S. Simmons, A. Dincesen, H. Murray, T. Dunrud, B. Buhr, and C. Angle, 34:29-35 (2005), "Anybody's Dream": A Decision Case of Marketing Alternative Crops in Case Studies, *Journal of Natural Resources and Life Sciences Education*, 1992-2005. American Society of Agronomy, Inc., Madison, Wisconsin. Note: A copy of the Journal is in 411 Borlaug Hall.

Minnesota Weather Almanac, a new book by Mark Seeley, Soil, Water & Climate Department, details all things you need to know about Minnesota's often baffling weather. You can learn more about the book and see the schedule of presentations and signings at <http://www.coafes.umn.edu/seeley>

Thank you from Gordon Marten. Lynette and I are sincerely grateful to the many faculty and staff who generously prepared for and attended my honorary degree event on April

10. Guests from outside the University were very complimentary about the reception and program---they went away with high praise for the Agronomy & Plant Genetics Department and the St. Paul Campus of the University. One high-level official said he has attended many events of this sort that are usually constrained and formal, but he found this one to be "as enjoyable as a big family reunion". Special thanks go to Vern Cardwell, Walt Wedin, and Nancy Ehlke for their kind remarks and for their structuring of the program; and to Bob Jones for representing us so well in his role as Senior Vice President. The special efforts of Jeanne Davy, Jean Swanson, Lynne Medgaarden, Suzanne Livingston, and others in preparing the nomination or executing the details of the event are also greatly appreciated. We will always cherish our great friends in the Department!

Need Volunteers for Beautiful U Day, April 20.

The Agricultural Experiment Station Resource Coordinating Team is partnering with Facilities Management in a clean-up effort on Beautiful U Day, April 20, from 8:00 a.m. - 1:00 p.m. *You are invited* to participate and help clean and organize the Plant Growth Facility on the St. Paul Campus. We are looking for volunteers who are willing to come to work in their grubbies and wash windows, organize materials and dispose of clutter. Doughnuts and coffee will be available at 8:00 a.m. in Room 136; pizza and pop will be served at noon. So, join the fun and help us Beautify the U! Please RSVP to Mike McClellan at mccle004@umn.edu or 4-5395 by *Tuesday, April 18*.

Nature Deficit. Today's children are losing touch with nature. It is estimated that approximately 70% of American mothers frequently played outside as children. Today, only 31% of children play outside. Is this loss of outdoor play to blame when it comes to childhood obesity on the rise or attention deficit disorder? Find out more as the University of Minnesota Landscape Arboretum hosts the ninth annual "Growing to Learn" conference on Earth Day, April 22nd, 2006, with guest speaker and well-known author Richard Louv. To learn more:

<http://www.arboretum.umn.edu/education/adult/publicpolicy.htm>

SEMINARS

Monday, April 17

Applied Plant Sciences, "A century of broadening the genetic base of bread wheat (*Triticum aestivum*) through wide hybridization and chromosome engineering," Matt Walch, Applied Plant Sciences M.S. student in the Department of Agronomy and Plant Genetics, 3:30 p.m., 306 Borlaug Hall.

Tuesday, April 18

MN Agricultural Experiment Station Project Seminar, Department of Agronomy & Plant Genetics, Dr. Jim Anderson, "Wheat Breeding and Genetics," 3:00 pm, 306 Borlaug Hall.

Tuesday, April 18

Plant Biological Sciences, MPGI Natural Variation Speaker, Dr. Justin Borevitz, Assistant Professor, Department of Ecology and Evolution, University of Chicago, "Towards the Genetic Basis of Light Response in Plants Using Arrays," 3:30 p.m., 335 Borlaug Hall.

Wednesday, April 19

Fourth Annual William E. Larson and Raymond R. Allmaras Lecture on Emerging Issues in Soil and Water, 2:00-4:30 p.m., 335 Borlaug Hall.

Wednesday, April 19

Kermit A. Olson Memorial Lecture, Department of Horticultural Science, Dr. Raymond M. Wheller, PhD, NASA Kennedy Space Center, Florida, 4:00 p.m., 110 Green Hall.

Wednesday, April 19

Biochemistry, Molecular Biology and Biophysics, Dr. Peter Lansdorp, University of British Columbia, Vancouver, "Helicase-like Proteins Required to Maintain G-rich DNA in *C. elegans* and Mice," 4:00 p.m., 3-120 MCB Minneapolis.

Thursday, April 20

MN Agricultural Experiment Station Project Seminar, Department of Agronomy & Plant Genetics, Dr. Paul Peterson, "Improving Forage Production and Utilization in Minnesota," 8:30 a.m., 306 Borlaug Hall.

Thursday, April 20

MN Agricultural Experiment Station Project Seminar, Department of Agronomy & Plant Genetics, Dr. Rex Bernardo, "Breeding Nonconventional Corn by Conventional Ways and Conventional Corn by Nonconventional Ways," 9:15 a.m., 306 Borlaug Hall.

Thursday, April 20

BioTechnology Institute, Amina Lobban, MicE Student, "Saturation Mutagenesis to Improve the Enantioselectivity of *Candida Antarctica* lipase B," and Shweta Srikanth, MicE Student, "Electrochemical characterization of *Geobacter sulfurreducens* cells immobilized on graphite paper electrodes," 3:30-4:30 p.m., 239 Gortner Lab.

Monday, April 24

MN Agricultural Experiment Station Project Seminar, Department of Agronomy & Plant Genetics, Dr. Seth Naeve, "Environmental Limitations to Soybean Seed Yield and Quality in Minnesota," 12 noon, 306 Borlaug Hall.

Monday, April 24

MN Agricultural Experiment Station Project Seminar, Department of Agronomy & Plant Genetics, Dr. Paul Porter, "Alternative Cropping Systems with a Focus on a Rye Cover Crop in Organic and Conventional Production Systems in Minnesota," 12:45 pm, 306 Borlaug Hall.

Tuesday, April 25

MN Agricultural Experiment Station Project Seminar, Department of Agronomy & Plant Genetics, Dr. Craig Sheaffer, "Legumes in Cropping Systems," 3:00 pm, 306 Borlaug Hall.

Tuesday, April 25

Plant Biological Sciences, MPGI Natural Variation speaker, Dr. Jennifer Hughes Martiny, Assistant Professor, Dept. of Bio Med Ecology and Evolutionary Biology, Brown University, "The influence of pathogens on the diversity and composition of primary producers," 3:30 p.m., 335 Borlaug Hall.

POSITION ANNOUNCEMENTS (Posted in notebook in 411 Borlaug Hall)

USDA, ARS

Farm Manager (GS-7/8/9), seed regeneration and research field operations, Plant Genetic Resources Conservation Unit, Griffin, GA. Closing date: April 17, 2006.

PURDUE UNIVERSITY

Associate/Full Professor, Fred Patterson Endowed Chair: Translational Genomics for Crop Improvement, Department of Agronomy, West Lafayette, Indiana. PhD in plant genetics, genomics, plant breeding, or related field. Application review will begin: June 1, 2006.

PURDUE UNIVERSITY

PhD Fellowship, soil potassium fertility and its impact on plant potassium nutrition, Department of Agronomy, West Lafayette, IN. http://www.agry.purdue.edu/grad_index.asp

KANSAS STATE UNIVERSITY

Graduate Research Assistant, Crop Science, Grain Sorghum Water Use and Management, Department of Agronomy, Manhattan, KS. MS degree in Agronomy, Crop Science or closely related discipline. <http://oznet.ksu.edu/agronomy>

KANSAS STATE UNIVERSITY

Research Assistant, carbon sequestration and nutrient dynamics in soil, Soil Microbial Ecology Laboratory, Department of Agronomy, Manhattan, KS. B.S. in soil science, agronomy, microbiology, biology, ecology, or related field. M.S. preferred. Screening begins: May 10, 2006.

STATE OF MINNESOTA

Plant Health Specialist 1 (06AGR000056), seasonal, full-time, Pest Survey, Agriculture Department, Albert Lea or surrounding area. Bachelor's degree or higher in Entomology, Agronomy, Plant Pathology, Plant Health Technology, Botany, Horticulture, Forestry, or related plant science. <https://statejobs.doer.state.mn.us/ResumeBuilder>

Agronomy Gleanings, April 27, 2006

4/27/2006 8:00 AM

AGRONOMY GLEANINGS

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April 27, 2006

ANNOUNCEMENTS

Shape-Up Challenge. Renan Pineda and Kelly Zinn are drawing winners in the Shape Up Challenge for week 2. Seven people had over 800 points for week 2:

Hans Jung 830

Toi Tsilo 870

Courtney Tchida 880

Keith Henjum 910

Burle Gegenbach 910

Sue Miller 970

Randy Kiehne 1120

Shape-Up Challenge Double Points Day, Friday, April 28.

2006 Symposium on Small Towns and Rural Summit, Working Better Together for the Common Good, June 6 and 7, at the University of Minnesota, Morris. For on-line registration and more information, go to <http://www.centerforsmalltowns> or <http://www.minnesotaruralpartners.org>

Minnesota Food Association and the New Immigrant Agriculture Project are looking for a 12- to 15-acre size plot as close as possible to Chaska, Carver County. Please call Joci Tilsen, Yimeem Vu, or Alvaro Rivera at 651-433-3676.

For Summer Sublease. One parking tag for Lot SC161 at the corner of Gortner and Dudley. Interested: Contact S. Huerd at huerd001@umn.edu or 5-8132.

SEMINARS

Monday, May 1

Applied Plant Sciences Seminar, "Mapping QTLs Associated with Resistance to Preharvest Sprouting in Wheat," Alex Rigor, Ph.D. Student, Department of Agronomy and Plant Genetics, 3:30 p.m., 306 Borlaug Hall.

Tuesday, May 2

Plant Biological Sciences, MPGI Natural Variation Speaker, Dr. Eric Richards,

Professor, Department of Biology, Washington University, St. Louis, "Epigenetic variation and inheritance," 3:30 p.m., 335 Borlaug Hall.

Wednesday, May 3

What's Up in Sustainable Agriculture? and Minnesota Institute for Sustainable Agriculture, "Reflections on Agro 8900: an experimental graduate course on engaging science with complex public problems and the search for a sustainable future," by Members of Agro 8900 Spring 2006, 12 noon, 306 Borlaug Hall, St. Paul Campus.

POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

MN DEPARTMENT OF AGRICULTURE

Pest Survey position (seasonal), Plant Health Specialist 1, Albert Lea area.

<https://statejobs.doer.state.mn.us/JobPosting>

UNIVERSITY OF MINNESOTA

Program Associate, Metropolitan Design Center, CALA (temporary), Health and Urban Design Assistant. Bachelor's degree.

UNIVERSITY OF MINNESOTA

Human Resources Consultant, Office of Human Resources, Employee Relations and Compensation Department. Bachelor's degree. Review of applications begins May 15, 2006.

UNIVERSITY OF MINNESOTA

Assistant to the Associate Dean for Undergraduate Programs, College of Liberal Arts (CLA). Bachelor's degree. Closing date: May 10, 2006.

UNIVERSITY OF MINNESOTA

K-12 Outreach Coordinator, College of Liberal Arts. Bachelor's degree. Closing Date: May 12, 2006.

Agronomy Gleanings, May 9, 2006

5/9/2006 8:00 AM

AGRONOMY GLEANINGS

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May 9, 2006

ANNOUNCEMENTS

Obituary. Mauritz Linder passed away Sunday, May 7 at the age of 90. Visitation is Wednesday, May 10th, 5-8 p.m., Bradshaw Celebration of Life Center, Highway 36 and County Road 5, Stillwater. Funeral is Thursday, May 11th, Christ Lutheran Church, Lake Elmo. Condolences may be sent to Hazel Linder, 6650 Lake Elmo Avenue North, Stillwater, MN 55082.

Congratulations to Howard Rines for being selected as the 2006 USDA-ARS Civil Servant of the Year. Howard was honored at the Federal Executive Board of Minnesota's Federal Employees of the Year Awards luncheon at the Sheraton Hotel in Bloomington on May 5th.

Congratulations! Jessica Miller, one of our undergraduate students, was awarded a President's Student Leadership and Service Award on May 1st, 2006, for her work as treasurer of the Gopher Crops and Soils Club, in co-chairing the ASA Regional student meetings held here in Minnesota this year, as treasurer for the COAFES Student Board and President of the Collegiate Agri-Women.

The 33rd Annual H.K. Hayes Memorial Lecture and Hayes Graduate Student Award is scheduled for Wednesday, May 24. The award will be presented to Jennifer Jacobs, PhD candidate, Applied Plant Science graduate program, 3:30-4:00 p.m., 105 Cargill Building for Microbial and Plant Genomics. Lecture by Dr. Gail Dubrow, Vice Provost and Dean, Graduate School, University of Minnesota, "What Do 10,000 Inquiring Minds Want From Graduate Education at the University of Minnesota?," 4:00-5:00 p.m., 105 Cargill Building. Reception: 5:00-5:30 p.m., Atrium, Cargill Building.

Minnesota Environmental Initiative (MEI) Environmental Initiative Awards - 2006 (<http://www.mn-ei.org/awards/finalistswinners.html>)

The Environmental Initiative Awards honor innovative projects that have achieved extraordinary environmental outcomes by harnessing the power of partnership. MEI believes that partnership is one of the most effective ways to develop solutions to Minnesota's environmental problems. Some of the most innovative environmental projects in Minnesota have been accomplished through collaborative processes, often involving a broad range of organizations from the business, nonprofit and government

sectors. MEI established the Environmental Initiative Awards in 1994 to recognize these projects and their many partners, to inspire other organizations to replicate successful environmental projects and to encourage innovative approaches to environmental problem-solving.

The Clean Energy Resource Teams received the Partnership of the Year Award for the “finalist project that best exemplifies MEI's mission to build partnerships that develop solutions to Minnesota's environmental problems.” The Clean Energy Resource Teams projects consist of six regional teams around Minnesota. Each has tailored a plan for a clean energy future that will make the most of their region's renewable resources and other technologies. They explore problems associated with conventional energies and their uses, and identify alternative and preferred forms of energy, which will help sustain a clean and affordable future for Minnesota and its regions. Partners in the Clean Energy Resource Team project include the Minnesota Department of Commerce, The Minnesota Project, the University of Minnesota Regional Sustainable Development Partnerships, the Southwest Regional Development Commission and community members from across the state. Without the commitment and involvement of these community partners, including farmers, local officials, utilities, academics, federal and state agency staff, business owners and other community members, the project never would have moved forward.

The Third Crop Initiative received the Award in the Land Use Category
The Blue Earth River Basin Initiative's Third Crop Initiative promotes diversified cropping systems that can provide ecological services to the public, economic return to the farm family and community benefits through local agricultural processing. The project is based on the idea that a third crop rotation (after corn and soybeans) can provide much needed diversity, help build soil health, reduce pests and disease, and reduce pollution impacts from agricultural non-point sources. Partners in the Third Crop Initiative include the Blue Earth River Basin Initiative, farmers in the watershed, The University of Minnesota, The Center for Integrated Natural Resources and Agricultural Management (CINRAM), the Soil and Water Conservation Districts in the Blue Earth Watershed, The Legislative Commission on Minnesota's Resources and local County governments.

Shape Up Challenge drawing winners for week 4: Jeannie Katovich and Kevin Smith. Congratulations!

Shape Up Challenge top 5 point earners for week 4:

Wade Odland 960

Paul Porter 990

Paul Peterson 1000

Toi Tsilo 1050

Randy Kiehne 2340

So far the Shape Up Challenge top team is the HayRS with a team average of 683.

SEMINARS

None this week.

POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

UNIVERSITY OF MINNESOTA

Science Writer, Department of Civil Engineering, Institute of Technology. BA/BS in Journalism or related field.

UNIVERSITY OF MINNESOTA

Post-Doctoral Research Associate, Department of Biosystems and Agricultural Engineering. PhD in engineering (preferred) or science. Screening begins: May 15, 2006.

NORTH DAKOTA STATE UNIVERSITY

Research Specialist, North Central Research Extension Center, Minot, ND. B.S. degree in an agricultural discipline. Closing date: June 1, 2006. <http://www.ndsu.edu/ndsu/jobs/broadbanded/index.shtml>

Agronomy Gleanings, May 16, 2006

5/16/2006 8:00 AM

AGRONOMY GLEANINGS

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

May 16, 2006

ANNOUNCEMENTS

* Shape Up Challenge week 5 drawing winners are Haiyan Jia and Darcy Weston. They will each receive a \$20 gift card to a local restaurant.

* Shape Up Challenge Grand Finale Lunch is being planned for sometime in May. Watch for details.

* Syngenta Departmental Coffee hosted by the Barley Project, Tuesday, May 30, 9:30 a.m., 306 Borlaug Hall. Remember to bring your mug.

* Postdoc Brown Bag Lunches:

Dates: June 2, July 7, August 4.

Time: 12:00 pm - 1:00 pm

Building: Ford Hall, Room 150

* The 33rd Annual H.K. Hayes Memorial Lecture and Hayes Graduate Student Award is scheduled for Wednesday, May 24. The award will be presented to Jennifer Jacobs, PhD candidate, Applied Plant Science graduate program, 3:30-4:00 p.m., 105 Cargill Building for Microbial and Plant Genomics. Lecture by Dr. Gail Dubrow, Vice Provost and Dean, Graduate School, University of Minnesota, "What Do 10,000 Inquiring Minds Want From Graduate Education at the University of Minnesota?," 4:00-5:00 p.m., 105 Cargill Building. Reception: 5:00-5:30 p.m., Atrium, Cargill Building.

* 2006 Summer Field Days:

SROC, Waseca, Tuesday, June 20

SWROC, Lamberton, Wednesday, July 12

WCROC, Morris, Friday, July 14

* St. Paul Campus Career Center, 198 McNeal Hall, open Monday-Friday all summer, 8:00 a.m.-4:30 p.m., <http://www.stpaulcareers.umn.edu>

SEMINARS

Tuesday, May 16

* Discussion and Book Signing. Mark Seeley, popular climatologist, MPR commentator and University of Minnesota meteorologist, will discuss his new book Minnesota Weather Almanac at 11:30 a.m., University of Minnesota Bookstore, St. Paul Student Center.

Tuesday, May 16

* The Inaugural James P. Houck Lecture with guest speaker Juan Enriquez, Harvard Business School's Life Sciences Project, "Technology, Gene Research, and National Competitiveness," 3:00 pm, 105 Cargill Building.

Wednesday, May 24

* Plant Biological Sciences, Van D. Gooch, Professor, Division of Sciences and Mathematics, University of Minnesota at Morris, "Using Bioluminescence in the Mold Neurospora to Elucidate Circadian Rhythms," 3:00 p.m., 257 Biological Sciences Center.

POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

NORTH DAKOTA STATE UNIVERSITY

Research Specialist/#00020395, North Central Research Extension Center, Minot, ND. B.S. degree in agricultural or related discipline. Screening date: June 1, 2006.

PENN STATE UNIVERSITY

Graduate Research Assistantship in Soil/Weed Management, Department of Crop and Soil Sciences, University Park, PA. B.S. degree in plant or soil science or agroecology/agronomy. <http://www.cropsoil.psu.edu>

Agronomy Gleanings, May 24, 2006

5/24/2006 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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May 24, 2006

ANNOUNCEMENTS

Memorial Day observed, Monday, May 29. University offices will be closed.

Syngenta Departmental Coffee. The Barley project invites you to a Departmental Coffee, Tuesday, May 30, 9:30 am, 306 Borlaug Hall. Please remember to bring your own coffee mug. See you there!

Shape Up Challenge Week 6 Drawing Winners are Moe Jacobs and Phil Schaus. Congratulations!

Shape Up Challenge Finale Lunch is planned for Thursday, June 8, 12:00 noon in 306 Borlaug Hall. Let your team captain know if you plan to attend, or not, so they can RSVP to Lynne by Monday, June 5.

8th Annual CS/BU Staff Day, Tuesday, June 6, St. Paul Student Center Terrace and Patio, St. Paul Campus, 11:30 a.m. to 1:00 p.m. Present your coupon to claim your gift and to be eligible for a raffle.

Regards to everyone from Vincent Robert who is now employed by Philip Morris in Richmond, VA. He will join Philip Morris International in Switzerland this summer.

Don Duvick, agronomy affiliate professor and retired senior vice president of research at Pioneer, died Tuesday morning, May 23. Memorial services will be Tuesday, May 30 from 5-7 p.m. and Wednesday, May 31 at 7 p.m. at the Urbandale United Church of Christ, 3530 70th Street, Urbandale. Condolences may be sent to his family at 6837 NW Beaver Dr, Johnston, IA 50131.

2006 Symposium on Small Towns and Rural Summit, "Working Better Together for the Common Good," June 6 and 7, University of Minnesota, Morris. Registration deadline: May 30. For more information and online registration: <http://www.centerforsmalltowns.org> or <http://minnesotaruralpartners.org>

SEMINARS

Wednesday, May 24

The 33rd Annual H.K. Hayes Memorial Lecture and Hayes Graduate Student Award. The award will be presented to Jennifer Jacobs, PhD candidate, Applied Plant Science graduate program, 3:30-4:00 p.m., 105 Cargill Building for Microbial and Plant Genomics. Lecture by Dr. Gail Dubrow, Vice Provost and Dean, Graduate School, University of Minnesota, "What Do 10,000 Inquiring Minds Want From Graduate Education at the University of Minnesota?," 4:00-5:00 p.m., 105 Cargill Building. Reception: 5:00-5:30 p.m., Atrium, Cargill Bldg.

Wednesday, May 24

Plant Biological Sciences, Van D. Gooch, Professor, Division of Sciences and Mathematics, University of Minnesota at Morris, "Using Bioluminescence in the Mold *Neurospora* to Elucidate Circadian Rhythms," 3:00 p.m., 257 Biological Sciences Center.

Thursday, May 25

Horticultural Science, Candidate for Research Fellow, NCROC, Grand Rapids, MN, Mr. Clark Oman, Colorado State University, "Minor Crop Pest Management: IR-4 and Volunteer Potatoes," 10:00 a.m., 310 Alderman Hall.

Thursday, May 25

Plant Pathology, Fungal Biologist, Assistant Professor candidate, Dr. Barbara Robbertse, Ph.D., Faculty (Postdoctoral) Research Associate, Department of Botany and Plant Pathology, Oregon State University, "Comparative genomics of plant pathogenic fungi: identification of novel and conserved protein clusters," 1:30 p.m., 365 Borlaug Hall. Teaching Seminar: "Major phyla of true fungi and their significance," Friday, May 26, 1:30 p.m., 365 Borlaug Hall.

Wednesday, May 31

Leading Edge Technologies Seminar Series, Dr. Robi Mitra, Assistant Professor, Department of Genetics, Washington University School of Medicine, Genome Sequencing Center, St. Louis, MO, "Single Molecular Amplification and Analysis of Nucleic Acids," 2:00 p.m., 105 Cargill Building for Microbial and Plant Genomics.

Friday, June 9

Department of Animal Science, Youth Leadership/Livestock Specialist-Lecturer candidate Bernadette O'Rourke, 10:00 a.m., 365 Haecker Hall.

POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

SYNGENTA

Association Genetics Analyst, Native Traits, Product Development, Corn and Soybean,

Stanton, MN. PhD or MS and experience in relevant area, plant or animal.

PIONEER HI-BRED

Two Research Associate positions at the Mankato, Minnesota, Corn Research Center.
<http://www.pioneer.com/employment/openings/search.asp>

UNIVERSITY OF ARKANSAS

Assistant/Associate Professor, Soybean Agronomist, Cooperative Extension Service, Little Rock, Arkansas. Doctorate degree in agronomy or closely related discipline required. Closing date: June 23, 2006.

BIOGENETIC SERVICES, INC.

Biological Sciences Laboratory Manager, Plant and Animal Protein and DNA Testing, Brookings, SD. MS/PhD degree in Plant or Animal Science, Microbiology, Molecular Biology, Biochemistry, Genetics, or a related field. Training and experience in DNA/PCR/SSR/SNP genotyping required.

Agronomy Gleanings, June 6, 2006

6/6/2006 8:00 AM

AGRONOMY GLEANINGS

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June 6, 2006

ANNOUNCEMENTS

MIKE McCLELLAN will be out of the office on medical leave, effective Wednesday, June 7, until further notice. For work related issues, please contact Tom Warnke (cell: 612-940-1515 or warnk001@umn.edu).

SHAPE UP CHALLENGE FINALE LUNCH, Thursday, June 8, 12:00 pm in 306 Borlaug Hall.

SOCIETY FOR INDUSTRIAL MICROBIOLOGY, Upper Midwest Region Summer Meeting, "Predicting Biotransformations: Implications for Industrial Microbiology," Dr. Lawrence P. Wackett, Distinguished McKnight University Professor, Biochemistry, Molecular Biology, and Biophysics, Biotechnology Institute, University of Minnesota, St. Paul, Wednesday, June 7, 6:30 pm – 9:00 pm, Center for Regulatory Research, LLC, 1755 Prior Avenue, Falcon Heights, MN. RSVP: c4rr@sbwireless.net or 651-646-2358.

FAREWELL AND CONGRATULATIONS RECEPTION honoring Dean Muscoplat, Carla Carlson, and Lorri Chapman. This is your opportunity to thank them for their years of service to the college and wish them great success in their new roles. The event will be in the atrium of the Cargill Building on Thursday, 22 June, from 4:00 - 6:00 PM. This will be an informal event, so please feel free to come and go as you need to. In order to accurately order food, we are asking that you RSVP to Michelle Beaman at beam0009@umn.edu by Friday, 16 June.

NEW GSA OFFICERS

President: Vance Whitaker

Vice President: Matt Walch

Secretary: Veronica Justen

Treasurer: Tim Dabbert

Social Committee: Veronica Justen and Jennifer Flynn

COGS Rep: Candida Cabral

Track Reps:

Carol Powers - Plant Breeding/Molecular Genetics;

Maggie Mangen - Agronomy/Agroecology;

Adriana Telias - Horticulture;
Steve McKay - APS

SUMMER FIELD DAYS

Tuesday, June 20, SROC-Waseca
Wednesday, July 12, NWROC-Crookston
Wednesday, July 12, SWROC-Lamberton
Friday, July 14, WCROC-Morris

SEMINARS

Tuesday, June 6

NATIONAL ACADEMY OF SCIENCES LECTURESHIP SERIES, Microbial and Plant Genomics Institute, Marc Van Montagu, PhD, Emeritus Professor, Ghent University, Belgium, "The GM-Plant Dispute," 2:00 pm, 105 Cargill Building for Microbial and Plant Genomics.

Thursday, June 8

APPLIED PLANT SCIENCES, M.S. Thesis Defense, "Early Generation and Molecular Assisted Selection for Barley Yellow Dwarf Virus Tolerance in Elite Oat Populations," Mario Gaggero, M.S. student in APS, 9:00 am, 306 Borlaug Hall.

POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

U.S. DEPARTMENT OF AGRICULTURE

Three (3) positions, Research Molecular Biologist (Plants), Plant Science Research Unit, University of Minnesota, St. Paul.

- 1) RA-06-070L, with Dr. David Garvin
- 2) RA-06-074L, with Dr. John Gronwald
- 3) RA-06-075L with Dr. Carroll Vance

Information and application procedures for postdoctoral positions are available at:
<http://www.afm.ars.usda.gov/divisions/hrd/hrdhomepage/vacancy/pd962.html>

IDENTITY GENETICS, INC.

Laboratory Director/Associate Director/Assistant Director, DNA Paternity and Forensic Testing, Brookings, SD. PhD in Molecular Genetics, Genetics, Molecular Biology, Microbiology, Biochemistry, Forensic Science, or a related area. Training and experience in DNA/PCR genotyping.

TEXAS A&M UNIVERSITY

Assistant or Associate Professor, Small Grains Breeding and Genetics, College Station, TX. PhD in plant breeding, molecular breeding, genetics, plant pathology, or related field. Closing date: July 15, 2006.

Agronomy Gleanings, June 14, 2006

6/14/2006 8:00 AM

AGRONOMY GLEANINGS

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June 14, 2006

ANNOUNCEMENTS

FAREWELL COFFEE for Mark Galatowitsch, Thursday, June 22, 10:00 AM, 306 Borlaug Hall.

THE SHAPE UP CHALLENGE GRAND FINALE DRAWING WINNER for the Nelson's Cheese and Deli Lunch was the Sustainable Bodies team. The top 5 teams with the highest average points per person for the six weeks were:

666 Pts – HayRS

481 Pts – Monos Hacienda PCR

450 Pts – 411 Walkers

426 Pts – Wild OMAs

418 Pts – Sustainable Bodies

SHAPE UP CHALLENGE WINNERS, U of M Bookstore Gift Certificates:

\$50 – Sheri Huerd

\$50 – Dawn Luhmann

\$25 – Bruna Bucciarelli

\$25 – Marilyn Swanson

\$25 – Guillermo Velasquez

\$10 – Timea Huri

\$10 – Jen Jacobs

\$10 – Evan Dee

\$10 – Laura Correa

\$10 – Ed Schiefelbein

MIKE McCLELLAN had a successful kidney transplant at the University Hospital on Thursday, June 8th. Mike and his wife, Diane, who donated one of her kidneys to Mike, are recuperating at home. Cards may be sent to Mike and Diane McClellan, 5681 West Bavarian Pass NE, Fridley, MN 55432.

AAAS ANNUAL MEETING WEB PAGE. Read Dr. Phillips' comments at <http://www.aaasmeetings.org>

CSBU EMPLOYEES CELEBRATE MILESTONE ANNIVERSARIES: Kevin Betts - 25 years; Lynne Medgaarden - 25 years; and Doug Miller - 20 years. On Tuesday, June 20th, the University will be honoring over 500 University of Minnesota civil service and bargaining unit employees from all campuses who will celebrate milestone work anniversaries of 20, 25, 30, 35, 40, 45 and 50 years during the current fiscal year. The University traditionally recognizes these long-term employees with a reception and a gift.

FAREWELL AND CONGRATULATIONS RECEPTION honoring Dean Muscoplat, Carla Carlson, and Lorri Chapman. This is your opportunity to thank them for their years of service to the college and wish them great success in their new roles. The event will be in the atrium of the Cargill Building on Thursday, 22 June, from 4:00 - 6:00 PM. This will be an informal event, so please feel free to come and go as you need to. In order to accurately order food, we are asking that you RSVP to Michelle Beaman at beam0009@umn.edu by Friday, 16 June.

SUMMER FIELD DAYS

Tuesday, June 20, SROC-Waseca
Wednesday, July 12, NWROC-Crookston
Wednesday, July 12, SWROC-Lamberton
Friday, July 14, WCROC-Morris

SEMINARS

None this week.

POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

None this week.

Agronomy Gleanings, July 7, 2006

7/7/2006 8:00 AM

AGRONOMY GLEANINGS

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July 6, 2006

ANNOUNCEMENTS

SAD NEWS. Bob [Robert A.] Henson died on Monday, July 3, in Le Tronchet, France, while attending a meeting on aschochyta with colleagues from around the world. Bob was an Agronomist with the Carrington Research Extension Center, North Dakota State University, Carrington, ND. Gary Malzer was Bob's mentor for the M.S. degree, and Gary Heichel (1983) for the Ph.D. degree. The funeral will be in Carrington with burial in Ortonville, MN (date not finalized yet). Bob leaves a wife, Soraia, and at least two children.

NEW MAES PUBLICATION. Genetics to Genomics: Landmark Discoveries from the Minnesota Agricultural Experiment Station, authored by Lee Hardman and Dave Hansen. Genetics to Genomics is the sixth publication documenting the rich research history of the Minnesota Agricultural Experiment Station. These publications provide details about related topics and are available in hard copy (1-800-876-8636) and online at www.maes.umn.edu.

FIELD DAY, University of Minnesota – Iowa State, Oat Variety & Crown Rust Plots, Wednesday, July 19, 9:30 am, Ted Tews Farm on Tews Road west off of Cty 25. Lunch at noon at Ginny's Supper Club in Rollingstone.

SUMMER FIELD DAYS

Wednesday, July 12, NWROC-Crookston

Wednesday, July 12, SWROC-Lamberton

Friday, July 14, WCROC-Morris

POSTDOC BROWN BAG LUNCH, Friday, July 7, 12:00 pm, 150 Ford Hall.

CFANS ICE CREAM SOCIAL, Thursday, July 13, 3-4:30 p.m., Terrace Café, St. Paul Student Center. This will be a great opportunity to meet and greet your CFANS colleagues, and sample the flavors of ice cream available from the UM Dairy Food Products Salesroom as well as soy-based ice cream flavors. You also can enter door prize drawings for some great CFANS gifts...like memberships at the Minnesota Landscape Arboretum and Bell Museum of Natural History, or a weekend stay at the

Cloquet Forestry Center. A brief program, including the drawings, will start about 3:30.

THE WORLD FOOD PRIZE, 20th Anniversary Celebration and Symposium, October 18-20, 2006, Des Moines, Iowa. Register online: <http://www.worldfoodprize.org>

SEMINARS

None this week.

POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

UNIVERSITY OF ARKANSAS

Program Technician 1 in Weed Science, Department of Crop, Soil, and Environmental Sciences, Fayetteville, Arkansas. BS degree in agronomy or closely related area. Deadline: July 19, 2006.

UNIVERSITY OF MINNESOTA

Lab Tech for 1 year (or preferably longer), Department of Plant Biology, St. Paul Campus. Experience with basic PCR-based approaches, Arabidopsis or other plant species.

Agronomy Gleanings, July 21, 2006

7/21/2006 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/>

July 21, 2006

ANNOUNCEMENTS

FAREWELL COFFEE for Chris Donovan, Friday, July 21, 3:00 PM, 306 Borlaug Hall.

WELCOME. Fulbright Scholar in Carroll Vance's Lab, Ms. Laila Sbabou from Mohammed V University, Rabat, Morocco, will spend July 2006-June 2007 working on white lupin genetic responses to phosphorus stress.

SINCERE THANKS to the faculty of the Applied Plant Sciences Department who allowed their students to visit Monsanto research programs in central Iowa this past week. Understanding that many programs have significant field activity happening this time of year, I appreciate your willingness to give the grad students time away in order to participate. I very much enjoyed meeting the students and learning more about each of their research projects. Thank you again, Mike Olsen - Monsanto Corn Research, Stanton, Minnesota.

STRIP TILLAGE EXPO: TILLAGE FOR TODAY & TOMORROW, 9:00 AM – 3:00 PM, Tuesday, July 25, SW Research & Outreach Center, Lamberton and Thursday, July 27, S Research & Outreach Center, Waseca. For more information: <http://wrc.coafes.umn.edu>

HORTICULTURE NIGHT, Thursday, July 27, 5 PM to 9 PM, West Central Research & Outreach Center, Morris, Minn. <http://wcroc.coafes.umn.edu>

FARM FEST, August 1-3, Gilfillan Estate, Redwood County, Minn.
<http://www.farmshows.com/farm/ffst/index.po>

GRAZEFEST MINNESOTA to feature beef and dairy grazing, August 4th and 5th, Morris, Starbuck and Rockville, Minnesota. Details at:
<http://www.sfa-mn.org/pages/grazefest/index.php>

U of M FARMERS MARKET, Church Street Mall, Minneapolis Campus Wednesdays, rain or shine, 11 AM to 2 PM, July 12 through August 30. Learn more and get directions to the market at: <http://www1.umn.edu/ohr/wellness/index.html>

SEMINARS

Monday, July 24

FScN Cereal Chair candidate, Mirko Bunzel, PhD, Part I, "Phenolic Compounds as Part of the Dietary Fiber," Part II, Proposed research program at the U of M, 10:30-12:00 PM, 23 FScN.

POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

MINN DEPT OF AGRICULTURE, ST. PAUL

Agricultural Chemicals Advisor. Bachelors Degree in Horticulture, Turf Management, Applied Plant Science, Environmental Science or closely related field. Closing date: July 31, 2006. Apply at: <https://statejobs.doer.state.mn.us/ResumeBuilder> (Posting number: 06AGR000067)

Agronomy Gleanings, August 1, 2006

8/2/2006 8:00 AM

AGRONOMY GLEANINGS

Department of Agronomy and Plant Genetics, University of Minnesota

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

August 1, 2006

ANNOUNCEMENTS

AGRONOMY DEPARTMENT ANNUAL CORN FEED, Monday, August 7, 12 noon, 306 Borlaug Hall. Hotdogs, cucumbers, tomatoes, lemonade, and all the corn you can eat for \$3.00. All Agronomy personnel invited.

THANK YOU for the cards and letters of concern and support before and after our kidney transplant. Your friendship and thoughtfulness are much appreciated, and we are happy to report that we feel great! Sincerely, Mike and Diane McClellan

CONGRATULATIONS to Walt and Carol Wedin on celebrating their 50th wedding anniversary.

GENOMICS AND THE LAND GRANT MISSION, first announcement of a national conference on the "Convergence of Genomics and the Land Grant Mission: Emerging Trends in the Application of Genomics in Agricultural Research," that will be held at Purdue University on September 10-12, 2007. More information about the conference program is available at the following website: <http://www.entm.purdue.edu/conference>

POSTDOC BROWN BAG LUNCH, Friday, August 4, 12:00 PM, 150 Ford Hall.

SEMINARS

Thursday, August 3

FScN, General Mills Endowed Land Grant Chair in Cereal Chemistry and Technology, Assistant/ Associate Professor candidate, Paul Chen, PhD, Part I, "Probe structure-function relationships in foods using nuclear magnetic resonance techniques," Part II, proposed research program at the University of Minnesota, 10:30-12:00 PM, 23 FScN.

Wednesday, August 9

Applied Plant Sciences PhD defense, Dindo Tabanao, "Genetic variance and small number of parents in maize breeding populations," 1:00 PM, 306 Borlaug. Advisor: Rex Bernardo

POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

NATIONAL CENTER FOR APPROPRIATE TECHNOLOGY (NCAT)

Agronomy Specialist, Butte, Montana. BS or MS degree or equivalent in agronomy with particular attention to forage crops, cropping systems, biofuel production or a related field in agriculture, such as soils. http://www.ncat.org/about_join.html#agronomy

UNIVERSITY OF CALIFORNIA, SANTA CRUZ

Food Systems Project Coordinator/Researcher, Center for Agroecology and Sustainable Food Systems (CASFS), Central Coast region of California. PhD or Master's degree in sociology, geography, social anthropology, public health, or related field. Closing date: August 15, 2006. <http://www2.ucsc.edu/ahr/employment>

CARGILL ANIMAL NUTRITION

Expertise Manager, Micro and Molecular Biologist, Nutrient Enhancement and Laboratory Applications, Elk River, MN. Masters or BS with relevant experience. Contact: Kate Plaisance

Agronomy Gleanings, August 14, 2006

8/14/2006 11:15 AM

AGRONOMY GLEANINGS

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

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August 14, 2006

ANNOUNCEMENTS

BEST WISHES FOR A SPEEDY RECOVERY to Erv Oelke, Professor Emeritus, who ruptured his Achilles tendon while on a Canadian fishing trip with his son and grandson.

NEW UNIVERSITY GUIDELINE FOR NIGHTLY LODGING RATES. Effective July 2006 the "Traveling on University Business" policy Financial Policy 3.8.3, includes a guideline for the amount of the nightly domestic lodging rate that may be reimbursed to University business travelers. For non-conference travel, the University employs a formula, using GSA lodging per diem rates (www.gsa.gov), to determine 'reasonableness' rates. The University has established a guideline of 150% of the GSA rate (excluding applicable taxes) as reasonable. Note: This does NOT apply to "CONFERENCE" travel where there is a pre-negotiated lodging rate. It is most likely to occur when traveling to larger cities outside of MN for project/committee meetings. If the lodging rate exceeds the guideline formula, the traveler is required to complete Form UM 1636, "Request for Domestic Lodging Exception." Contact Marilyn Swanson (4-1268) for questions or concerns related to travel. She will help you complete the necessary form(s) to be compliant with U of M guidelines. For more detailed policy information see <http://process.umn.edu/groups/ppd/documents/policy/Travel.cfm>

CSSA GOLDEN OPPORTUNITY SCHOLARS INSTITUTE, a professional development program designed to attract students into the many fields of crop science. To learn more, go to <http://www.asa-cssa-sssa.org/students>

SEMINARS

Monday, August 14

USDA-ARS soybean genomics postdoctoral candidate, Dr. Ryan Brown, University of California, Davis, "Gene Regulation and Ovule Evolution," 10:00 am, Room 306 Borlaug Hall.

Tuesday, August 15

APPLIED PLANT SCIENCES, M.S. Defense, "Molecular Tagging of Genes Conferring Resistance to Stem Rust (*Puccinia graminis*) in Wheat," Toi Tsilo, 9:00 a.m., 306 Borlaug Hall.

Wednesday, August 16

USDA-ARS soybean genomics postdoctoral candidate, Dr. Craig Yendrek, Ohio State University, Columbus, "The Role of Cryptochrome in Photoperiodic Flowering and Vegetative Leaf Development," 10:00 am, Room 306 Borlaug Hall.

Monday, August 21

USDA-ARS soybean genomics postdoctoral candidate, Dr. Jennifer Randall, New Mexico State University, Las Cruces, "Zein Protein Body Biogenesis," 10:00 am, Room 306 Borlaug Hall.

Wednesday, August 23

USDA-ARS soybean genomics postdoctoral candidate, Dr. Ju Wang, North Dakota State University, Fargo, "Association Mapping of Iron Deficiency Chlorosis Loci in Soybean," 10:00 am, Room 306 Borlaug Hall.

POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

CIMMYT

Interns for development of content for Cereal Systems Knowledge Portal, Mexico. Bachelor's degree in biology/agriculture (agricultural journalism) or related field.

STEVENS COUNTY SOIL & WATER CONSERVATION DISTRICT (SWCD)

Farm Bill/District Technician, Soil and Water Conservation District, Stevens SWCD office. Closing date: August 16, 2006, 4:30 pm.

UNIVERSITY OF MISSOURI

Assistant Professor, Crop Physiology, Division of Plant Sciences, Columbia, MO. PhD in agronomy, crop science, plant physiology or a closely related area. Closing date: September 15, 2006.

Agronomy Gleanings, August 21, 2006

8/21/2006 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@umn.edu
WEB <http://agronomy.coafes.umn.edu/>
August 21, 2006

ANNOUNCEMENTS

CONGRATULATIONS to Candida Cabral who passed her oral prelims on August 14.

THE FOURTH ANNUAL MINNESOTA COOKS PROGRAM will take place at the Minnesota State Fair on Tuesday, August 29, in Carousel Park—just west of the Grandstand Ramp—from 11a.m. to 5:45 p.m. Minnesota Cooks will bring together 14 of the region's best chefs to demonstrate how they use locally-grown fruit, vegetables, herbs, meat and dairy products to create award-winning, mouth-watering fare. The event is co-sponsored by Minnesota Farmers Union, Food Alliance Midwest — a joint project of Cooperative Development Services and the Land Stewardship Project — and Renewing the Countryside. For details: (<http://www.mfu.org>)

DEPARTMENTAL COFFEES. The school year is fast approaching, which means departmental coffees will be resuming in September. Please volunteer to host a coffee. You can even volunteer somebody else's group (you might want to tell them...after you've volunteered them!). The coffees will run from September through May of 2007. The September coffee is already booked. All of the other coffees (Oct-May) are still open, so get back to me soon if you want to set-up a theme coffee around a certain month. Don't be surprised if you see me at your door asking you to participate; I may even beg, bribes are a possibility, groveling is not out of the question. Please participate in this unique feature of our department. ~ Morrison Jacobs

ORGANIC TRAINING FOR AGRICULTURE EDUCATION PROFESSIONALS, sponsored by MOSES – Midwest Organic and Sustainable Education Service and North Central SARE, Wednesday August 23. Register between 8:30-9 AM at the Minnesota Landscape Arboretum, Azalea Room, 3675 Arboretum Drive, Chaska MN. 9AM-Noon-Classroom lecture reviewing organic production, processing and certification with focus on organic beef production. Noon-1 PM- Organic lunch-cost is \$15. 1:00-6:30 PM Field trip- Bus tour including John Luhman's organic crop and beef operation, Goodhue, MN and Lorenz Meats, organic beef slaughtering facility in Cannon Falls, MN. Return to Minnesota Landscape Arboretum at 6:30 PM, Directions: www.arboretum.umn.edu. No cost for this training other than for the organic lunch, paid at the morning registration before the training. Please RSVP as soon as possible to Harriet Behar, MOSES organic outreach coordinator harriet@mosesorganic.org (608-872-2164).

14TH ANNUAL KUEHNAST LECTURE, Wednesday, October 4, Dr. Julie Winkler, Professor of Geography, Michigan State University, "The Pileus Project: Climate Science in Support of Decision Making for an Intensively-Managed Agricultural Crop," 3:30 p.m., 335 Borlaug Hall.

SEMINARS

Monday, August 21

USDA-ARS soybean genomics postdoctoral candidate, Dr. Jennifer Randall, New Mexico State University, Las Cruces, "Zein Protein Body Biogenesis," 10:00 am, Room 306 Borlaug Hall.

Wednesday, August 23

USDA-ARS soybean genomics postdoctoral candidate, Dr. Ju Wang, North Dakota State University, Fargo, "Association Mapping of Iron Deficiency Chlorosis Loci in Soybean," 10:00 am, Room 306 Borlaug Hall.

POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

UNIVERSITY OF WISCONSIN-MADISON

Soybean/Small Grain Extension-Research Agronomist, Department of Agronomy. PhD in agronomy, crop science, plant breeding, plant genetics, plant pathology, or related plant disciplines. Closing date: October 15, 2006 or until filled.

UNIVERSITY OF NEVADA, RENO

Extension Weed Specialist, University of Nevada Cooperative Extension. At least a Masters degree in any discipline related to weed science, including coursework in weed management, weed ecology, invasion biology and research methodology. PhD. preferred. Closing date: September 1, 2006. <https://www.unrsearch.com>

Agronomy Gleanings, September 6, 2006

9/6/2006 8:00 AM

AGRONOMY GLEANINGS

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PHONE (612) 625-7773; FAX (612) 625-1268; E-MAIL agro@umn.edu
WEB <http://agronomy.coafes.umn.edu/>
September 6, 2006

ANNOUNCEMENTS

OBITUARY for Elton G. Nelson. Born in Elgin, Oregon on September 15, 1910. Died August 25, 2006. He earned his BS (1937) and MS (1946) at Oregon State University and his Ph.D. (1961) at the University of Minnesota in agronomy and plant genetics. In 1937, he began his federal government career in research on fiber flax for the Agricultural Research Administration, US Department of Agriculture, Corvallis, Oregon. At the time he left fiber work in 1960, he was head of agronomic research on long vegetable fiber crops. From 1960 to 1963, he was with the Agency for International Development (AID) in Washington, serving first as an agronomist and then as assistant to the Science Advisor for Latin America. From 1963 until his retirement in 1970, he was Assistant Director of a division in the Office of Textiles in the Department of Commerce. After his retirement, starting in 1985, he became a regular volunteer with the Friends of the Kennedy Center, J.F. Kennedy Center for the Performing Arts, and continued until 2002. A memorial service is scheduled on September 27, 2006, in Bethesda, MD.

ST. PAUL CAMPUS BOWLING LEAGUE. The newly remodeled Gopher Spot at the St. Paul Student Center is hosting an Open House for Faculty, Staff and Graduate Students interested in joining the St. Paul Campus bowling league. The event is 5:00 - 8:00pm Wednesday, September 6th. There will be free bowling, pizza and soda pop. The league is looking for new teams or individuals interested in joining. Bowlers of all talent levels are welcome. Come on and join others from the St. Paul Campus in a fun, friendly league.

UNIVERSITY STORES 20TH ANNUAL OPEN HOUSE, Wednesday, September 13, 10:00 AM to 2:00 PM, Radisson Hotel Metrodome. Lunch served: 11:00-1:00 pm.

FIFTH ANNUAL OPEN HOUSE AT THE U'S SOUTHERN RESEARCH AND OUTREACH CENTER in Waseca will be Sept. 14. The theme is "Agriculture for the 21st Century." Activities will include displays and information on topics from renewable energy to rural family life, free water testing for nitrate, and a plant pest clinic. Family entertainment for all ages will include live farm animals, corn maze, wagon rides, and more. 4-8 p.m., evening meal served 4:30-7 p.m., Highway 14 West and County Road 57, Waseca. For more information, see <http://sroc.coafes.umn.edu> or call 507-837-5612 or 507-536-6310.

A SYNGENTA DEPARTMENTAL COFFEE will be hosted by the Phillips/Rines labs on Friday, September 22, 9:00 am (note earlier time), 306 Borlaug Hall.

SEMINARS

Thursday, September 7

BIOTECHNOLOGY INSTITUTE, Enrico Marsili, University of Minnesota, "Electrode Transfer in Attached Bacteria: Bioelectrocatalysis and Microbial Fuel Cells," 3:30 pm, 239 Gortner Lab, St. Paul Campus.

POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

PURDUE UNIVERSITY

Assistant Professor, Soybean Genetics, Department of Agronomy, West Lafayette, IN. PhD in biology, genetics, plant breeding, molecular biology or related field. Closing date: October 15, 2006.

UNIVERSITY OF NEBRASKA, LINCOLN

Extension Educator, Weed Science, Department of Agronomy and Horticulture. Master's degree in Agronomy and Horticulture, Weed Science or closely related field. Closing date: September 1, 2006 or until suitable candidate is found.
<http://employment.unl.edu>

UNIVERSITY OF ILLINOIS

Assistant Professor of Soybean Systems and Extension Specialist, Department of Crop Sciences, Urbana, Illinois. PhD in crop science or a closely related discipline.

UNIVERSITY OF MINNESOTA

Graduate Student to assist with the coordination of a new undergraduate minor in Sustainability Studies, The Ecosystem Science and Sustainability Initiative. <http://www.sustainability.umn.edu>

Agronomy Gleanings, September 18, 2006

9/18/2006 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@umn.edu
WEB <http://agronomy.coafes.umn.edu/>
September 18, 2006

ANNOUNCEMENTS

NATIONAL SEARCH FOR CFANS' DEAN. Three candidates applying to be the Dean of the College of Food, Agricultural and Natural Resources (CFANS) will be on campus soon. Faculty, staff, students and external constituent groups are encouraged to participate in the process. If you are unable to attend in person, each candidate's public forum will be available via the Breeze software, and each will be archived to the Web. Complete information about the candidates (CV, letter of application and interview schedule) is available on line at: <http://www.cfans.umn.edu/deansearch.html>

CONTRATULATIONS TO PAUL PORTER who participated in the Wisconsin Ironman in Madison on September 10 (distance: 2.4 mi. swim • 112 mi. bike • 26.2 mi. run). Paul came in 6th of 121 in his age group.

DR. NORMAN BORLAUG DAY IN MINNESOTA, Monday, September 18. Greet and talk with one of CFANS most famous alums, Dr. Norman Borlaug, 1970 Nobel Peace Prize and his biographer Dr. Leon Hesser. Seminar by Leon Hesser with forward by Norman Borlaug, "Unsung Hero: The Man Who Fed the World," 1:45 -2:30 pm, 105 Cargill Building.

EC STAKMAN AWARD, Monday, September 18, to Dr. John Gibler, Plant Pathology alumnus, for his international work in Latin America. Commentary by Norman Borlaug. Reception in Cargill's atrium and book signing by Dr. Hesser, 3:15-5:00 pm.

A SYNGENTA DEPARTMENTAL COFFEE will be hosted by the Phillips/Rines labs on Friday, September 22, 9:00 am (note earlier time), 306 Borlaug Hall.

FAREWELL COFFEE for Wade Odland, Jennifer Jacobs, Morrison Jacobs, and Tina Schmidt, Monday, September 25, 2:30 pm, 105 Cargill Building.

THE DEPARTMENT OF HORTICULTURAL SCIENCE invites you to join in honoring Professor Brad Pedersen for his 32 years of teaching. Open house and reception 11:00 am to 2 pm, Thursday, September 28, 310 Alderman Hall.

SEMINARS

Monday, September 18

APS, Dr. Leon Hesser, "Unsung Hero: The Man Who Fed the World," Norman Borlaug Day, special time and location, 1:45-2:30 pm, 105 Cargill Building.

Tuesday, September 19

PLANT BIOLOGICAL SCIENCES, Dr. Tai-ping Sun, Professor, Department of Biology, Duke University, "Giberellin signaling in Arabidopsis," 3:30 pm, 302 Kaufert Lab.

Tuesday, September 19

BIOTECHNOLOGY INSTITUTE, BTI Director candidate, Dr. Jonathan Dordick, Rensselaer Polytechnic Institute, Controlling Protein-Surface Interactions: From Nanoscale Architectures to Drug Discovery Platforms," 4:00 pm, 3-210 EE/CSci.

Wednesday, September 20

BIOCHEMISTRY, MOLECULAR BIOLOGY & BIOPHYSICS, Dagley Lecture, Dr. Peter G. Schultz, The Scripps Research Institute, La Jolla, CA, "An Expanding Genetic Code," 4:00 pm, 105 Cargill, St. Paul.

Thursday, September 21

BIOTECHNOLOGY INSTITUTE, Christos Hatzis, PhD, Nuvera Biosciences, Inc., "Gene Expression Based Pharmacogenomic Predictors of Therapy Response in Breast Cancer," 3:30 pm, 239 Gortner Lab, St. Paul Campus.

Thursday, September 21

BIOCHEMISTRY, MOLECULAR BIOLOGY & BIOPHYSICS, Dr. Peter G. Schultz, The Scripps Research Institute, La Jolla, CA, "Synthesis at the Interface of Chemistry and Biology," 4:00 pm, 105 Cargill, St. Paul.

Friday, September 22

PH.D. DEFENSE, "Effects of evolution on repetitive and genic sequences of the maize genome," Wade Odland, 365 Borlaug Hall, 12:00 p.m.

Monday, September 25

APS, Dr. Carroll Vance, "Functional Genomics of Phosphorus Deficiency in Legumes," 3:30 pm, 306 Borlaug Hall.

Wednesday, October 4

THE LECTURE SERIES ON LAW, HEALTH & THE LIFE SCIENCES, Mark Blumenthal, PhD, American Botanical Council, "Nutraceuticals: Dietary Supplements, Botanical Drugs, and Natural Products Science, Safety and Efficacy," 11:30 am to 1:00 pm, Coffman Memorial Union Theater. Event is free and open to the public. For more information on upcoming events:

<http://lifesci.consortium.umn.edu/conferences/>

Agronomy Gleanings, September 27, 2006

9/27/2006 8:00 AM

AGRONOMY GLEANINGS

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WEB <http://agronomy.coafes.umn.edu/>
September 27, 2006

ANNOUNCEMENTS

WELCOME TO JAN BOCANSKI from the University of Novi Sad in Serbia. Jan will be visiting for 2 months doing maize breeding research on Rex Bernardo's project.

THANK YOU! Thanks for your good wishes and the chocolates that Laurie brought over for me. I have put on a few pounds because of them!!!! I am doing much better, and hope to see you all soon. Appreciate your caring thoughts, Jayanti Suresh

RAMSEY COUNTY SAFETY INSPECTION on the St. Paul Campus (labs, teaching/ work areas, greenhouses, etc.) on Monday, October 9, 2006. Questions, contact Mike McClellan at 4-5395.

U OF M TRIVIA – Did you know that in 1857, the gopher upset the heavily favored beaver to become Minnesota's choice of state animal? Seventy years later, football coach Dr. Clarence Spears began calling his University team "the gophers."

MAROON AND GOLD FRIDAYS! The University of Minnesota Alumni Association is again promoting "Maroon and Gold Fridays." To show our school spirit, faculty, staff, and students are encouraged to wear maroon and gold each Friday. The Alumni Association is also planning random drawings for free lunch for departments delivered by Goldy on 13 Fridays during the school year. Our department has submitted an entry form for this drawing . . . so maybe we'll be a lucky winner. We'll keep you posted!

INAUGURAL VERNON W. RUTTAN LECTURE ON SCIENCE AND DEVELOPMENT POLICY, Wednesday, October 18, 3:00 p.m., Cargill Building for Microbial and Plant Genetics, St. Paul Campus. Richard R. Nelson, Professor and Director of the Center for Science Technology and Global Development at the Earth Institute (Columbia University) will present "Institutions and Economic Growth: Making Sense of the Relationship." There is no charge for this event. If you are interested in attending, please visit the Applied Economics website and follow the online registration instructions <http://www.apec.umn.edu/>

SEMINARS

Wednesday, September 27

WUSA and MISA, Jan Joannides, "Creating Green Routes in Minnesota," 12 noon, 306 Borlaug Hall.

Wednesday, September 27

HORTICULTURAL SCIENCE, Steven J. McKay, Doctoral Candidate, "Two Years of Student Travel Awards to the American Public Gardens Association Annual Meetings," 3:30 pm, 310 Alderman Hall.

Wednesday, September 27

BIOCHEMISTRY, MOLECULAR BIOLOGY & BIOPHYSICS (BMBB), Dr. Arkady Khodursky, University of Minnesota, "Lost in Transcription . . . or Notes on Spatial and Not So Spatial Regulation of Transcription in Escherichia Coli," 4:00 pm, 3-120 MCB, Minneapolis Campus.

Thursday, September 28

HORTICULTURAL SCIENCE. Join in honoring Professor Brad Pedersen for his 32 years of teaching. Open house and reception 11:00 am to 2 pm, 310 Alderman Hall.

Friday, September 29

CFANS Dean Candidate, Eric W. Triplett, University of Florida-Gainesville, "The College of Food, Agricultural and Natural Resource Sciences: Imagining the Future," Public Forum, 10:30 am-12:30 pm, SPSC Theater.
<http://www.cfans.umn.edu/deansearch.html>

Friday September 29

CBCB, Larry Wackett, Department of Biochemistry, Molecular Biology and Biophysics, and Biotechnology Institute, University of Minnesota, "Computational Prediction of Chemical Fate in the Environment," 12:00 pm, 402 Walter Library.

Monday, October 2

APS, Candida Cabral, PhD (Ron Phillips), "Maize Gene Regulation in Oat-Maize Chromosome 5 Addition Lines," 3:30 pm, 306 Borlaug Hall.

Monday, October 2

BIOCHEMISTRY, MOLECULAR BIOLOGY & BIOPHYSICS, Dr. Carrie Wilmot, University of Minnesota, Minneapolis, "Crystalline Enzymology: Trapping Catalytic Intermediates of Methylamine Dehydrogenase," 4:00 pm, 2-137 Jach, Minneapolis.

POSITION ANNOUNCEMENTS (Posted in notebook in 411 Borlaug Hall)

MISSISSIPPI STATE UNIVERSITY

Assistant Extension Professor, Forage Specialist, Department of Plant and Soil

Sciences, Mississippi State, MS. Additional information is available at <http://www.jobs.msstate.edu>. Closing date: October 31, 2006.

MICHIGAN STATE UNIVERSITY

Assistant Professor, Wheat Breeding and Genetics, Department of Crop and Soil Sciences, East Lansing, MI. A doctoral degree in plant sciences with emphasis on plant breeding and genetics. Closing date: November 10, 2006.

CENTER FOR REGULATORY RESEARCH, LLC

Regulatory Research Specialist, Falcon Heights, MN. Education: Graduate student majoring in: the plant sciences, entomology, plant pathology, microbiology or a related field. <http://www.regresearch.com>

BOYCE THOMPSON INSTITUTE FOR PLANT RESEARCH

Faculty positions. BTI is located on the central Cornell campus, Ithaca, NY. For details: <http://bti.cornell.edu>

Agronomy Gleanings, October 6, 2006

10/6/2006 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/>
October 6, 2006

ANNOUNCEMENTS

CONGRATULATIONS to Zack and Tina Blankenheim who were married Saturday, Sept. 16.

TWIN CITIES MARATHON. Paul Porter and Keith Henjum participated in the TC Marathon, Sunday, October 1. The TC Marathon celebrated its 25th anniversary this year, and Keith Henjum has participated all 25 years!

REMINDER: RAMSEY COUNTY SAFETY INSPECTION on the St. Paul Campus (labs, teaching/work areas, greenhouses, etc.) on Monday, October 9. Questions, contact Mike McClellan at 4-5395.

AFRICAN BUFFET, Thursday, October 12, Campus Club West Wing, \$21.95/person, plus beverage, tax and gratuity, special student price \$12.95. Reservations required: 612-626-7788. Menu: tropical fruit trays, groundnut stew with traditional garnishes, Jollof rice, braised greens, beancakes, sweet potato bread pudding. Co-sponsored by: Africa American and African Studies Department, International Programs.

SECOND TOWN HALL MEETING, "Ethical Guidelines for External Support of University Initiatives in Food Safety and Food System Protection," October 27, 11:00am-1:00pm, Room 55, Mondale Hall, Law School, Minneapolis Campus. Details can be found at:

http://www.cvm.umn.edu/cahfs/about/Save_The_Date/Agenda.html

SYMPOSIUM. The Food Industry Center and The National Center for Food Protection and Defense, "Terrorism, Pandemics and Natural Disasters: Food Supply Chain Preparedness-Response-Recovery," November 1, 7:45 AM-4:30 PM, Johnson Room, McNamara Center, Minneapolis Campus. <http://foodindustrycenter.umn.edu/Events>

SEMINARS

Friday, October 6

CBCB, Rui Kuang, Computer Science, "An Optimization Framework for Applying Discriminative Classifiers to Protein Domain Segmentation," 12:15 PM, 402 Walter Library.

Friday, October 6

PBS THESIS PROPOSAL, David Schladt, "Mechanisms of Gene Retention Following Genome and Gene Duplication in Hemiascomycete Yeasts," 12 noon, 257 Biological Sciences Center.

Monday, October 9

APS, Dr. Jim Orf, Professor, Department of Agronomy and Plant Genetics, Univ. of Minn., "The Wonderful World of Soybeans—USA, China, & Japan," 3:30 PM, 306 Borlaug Hall.

Tuesday, October 10

PLANT BIOLOGICAL SCIENCES, Dr. Eva Zazimalova, Academy of Sciences of the Czech Republic, "Molecular players in auxin efflux from plant cells: Role(s) of PGPs and PINs," 3:30 PM, 105 Cargill Building.

Wednesday, October 11

HORTICULTURAL SCIENCE, Dr. Carl Rosen, Professor, Horticultural Science, University of Minnesota, "What are the Benefits of Organic Nutrients for Crop Production?," 3:30 PM, 310 Alderman Hall.

Wednesday, October 11

BIOCHEMISTRY, MOLECULAR BIOLOGY & BIOPHYSICS, Dr. Kyungjae Myung, National Human Genome Research Inst., Bethesda, MD, "Conserved Mechanisms for Suppression of Genomic Instability in Yeast and Human," 4:00 pm, 3-120 MCB, Minneapolis Campus.

Thursday, October 12

BIOTECHNOLOGY INSTITUTE, Michael Frodyma, Novozymes Biologicals, Inc., "Using Microorganisms to do the Job for You: Applications of Green Chemistry that Really Work," 3:30 PM, 239 Gortner, St. Paul Campus.

Friday, October 13

PBS THESIS PROPOSAL, Rachel Morpew, "Investigating the Role of GRAS Gene Family Members in *Medicago truncatula* Symbiosis and Defense," 257 Biological Sciences Center.

POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

NORTH DAKOTA STATE UNIVERSITY

Research Specialist, North Central Research Extension Center (NCREC), Minot, ND. B.S. or M.S. degree in agronomy and Agricultural research experience with emphasis in genetics. Closing date: October 23, 2006. <http://www.ndsu.edu/ndsu/jobs/broadbanded/index.shtml>

KANSAS STATE UNIVERSITY

Graduate Research Assistant (MS), Soil Fertility/Nutrient Management, Department of Agronomy, Manhattan, KS. B.S. degree in Agronomy or related discipline.

KANSAS STATE UNIVERSITY

Graduate Research Assistant (PhD), Soil Fertility/Nutrient Management, Department of Agronomy, Manhattan, KS. M.S. degree in Agronomy or related discipline.

IOWA STATE UNIVERSITY

Extension Program Specialist II, Agronomy Department, Ames, IA. Bachelor's degree in agronomy, soil science, or related field and two years of related experience. Closing date: October 15, 2006.

Agronomy Gleanings, October 16, 2006

10/16/2006 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@umn.edu
WEB <http://agronomy.coafes.umn.edu/>
October 16, 2006

ANNOUNCEMENTS

FALL SOCIAL. You are cordially invited to the Agronomy and Plant Genetics Fall Social on Friday, October 27 from 3:00 to 5:00 pm in 306 Borlaug Hall. This event will be a pleasant time to meet current and new colleagues over a glass of wine, a cup of hot apple cider, and hors d'oeuvres. Entertainment will be provided (um, well, maybe). Note: Due to campus regulations, you need to be at least 21 years old to come to the Fall Social. –The department social committee

SYNGENTA DEPARTMENTAL COFFEE, Tuesday, October 31, 9:30 a.m., 306 Borlaug Hall. Hosted by Dr. Vance's Lab.

UMN NEWS. Dr. Jim Orf is on the University of Minnesota's web site under Did You Know? "Improving the State of Soybeans." http://www1.umn.edu/umnnews/UMN_home/know.html

NEW JOURNAL ARTICLE. Steve R. Simmons, 2006, "A Moving Force": A Memoir of Experiential Learning," American Society of Agronomy's Journal of Natural Resources and Life Sciences Education 35:132-139.

DR. RAY ALLMARAS, USDA-ARS scientist (retired) and Emeritus Adjunct Professor in Soil, Water, and Climate, passed away Thursday, October 12th. He was hospitalized in St. Joseph's hospital in St. Paul after suffering a fall at his home Saturday evening, October 7th. Ray was scheduled to receive an Outstanding Alumni Award from North Dakota State University Friday, October 13.

A BUSH FOUNDATION CONVERSATION ON HEALTH & THE ENVIRONMENT, Michael P. Wilson, PhD., MPH, University of California – Berkeley, "Crafting a Modern Chemicals Policy: What Is and What Might Be," 3:00 p.m., Thursday, October 26, 306 Borlaug Hall. This opportunity is available under the auspices of the Institute for Agriculture and Trade Policy. Please RSVP Jane Kretzmann at The Bush Foundation, jkretzma@bushfoundation.org by Tuesday, October 24.

SCHOLARS WALK & WALL OF DISCOVERY. The University of Minnesota formally dedicated the Scholars Walk and unveiled the Wall of Discovery Friday, September 29,

on the Minneapolis Campus. The 2,200-foot-long Scholars Walk stretching from the McNamara Alumni Center to Appleby Hall, with the Wall of Discovery about midway along it, are monuments that honor the research and academic accomplishments of the University's outstanding students and faculty through its 155-year history. Prominently displayed on the Wall of Discovery is a glass-etched depiction of an Erlenmeyer flask containing the first corn plant to be regenerated by Dr. Ron Phillips and colleagues and blackboard style notes by him on this discovery. Among award recipients listed on various monuments along the walk are Dr. Phillips as Regents Professor, National Academy of Sciences member, and McKnight Professorship, and he, Carroll Vance, Donald Rasmusson, Don Barnes, and Gary Heichel for prominent professional society awards. Congratulations on this recognition!

MINNESOTA FOOD ASSOCIATION. Latino Farmers who have 1-2 years experience farming as participants in the Minnesota Food Association, New Immigrant Agriculture project, as well as additional experience farming in their home lands are looking for three two-acre plots as close as possible to Crystal MN, Richfield MN, and Hudson WI. The land requirements include having adequate water supply and road availability. The farmers are in the last step of the sustainable and organic training and education program that MFA-NIAP provides to immigrant farmers in the State of Minnesota. Please contact Alvaro Rivera, NIAP Director at 651-433-3676 or arivera@mnfoodassociation.org for more information.

MUSEUM ADVENTURE PASS. Use your library card to check out a Museum Adventure Pass presented by Macy's and get free admission for up to four people at a participating Twin Cities organization. For details: <http://www.melsa.org/museumadventurepass/>

SEMINARS

Monday, October 16

PBS; EEB Graduate Program; APS Graduate Program; and MISA, "Who Let the Dogs Out: Tales of (Trans)gene Escape," Dr. Norm Ellstrand, University of California-Riverside, 3:30 pm, 105 Cargill Bldg. Reception following the seminar.

Tuesday, October 17

PLANT BIOLOGICAL SCIENCES, Dr. Jonathon Wendel, Iowa State University, "Genes, Jeans, and Genomes: Exploring the Mysteries of Polyploidy in Cotton," 3:30 pm, 105 Cargill Bldg.

Tuesday, October 17

BIOTECHNOLOGY INSTITUTE, BTI Director Candidate, Dan E. Robertson, Vice Chair, Enzyme Technology, Diversa Corporation, "Discovery and evolution of novel biocatalysts," 4:00 pm, EE/Sci 3-210, Minneapolis Campus.

Wednesday, October 18

HORTICULTURAL SCIENCE, Dr. Cindy Tong and Roger Miessner, "Safety Training for Laboratory and Greenhouse Workers," 3:30 pm, 310 Alderman Hall.

Wednesday, October 18

THE MINNESOTA LECTURES ON APPLIED ECONOMICS AND POLICY presents the Inaugural Vernon W. Ruttan Lecture on Science and Development Policy at 3:00 p.m. in the Cargill Building for Microbial and Plant Genetics on the St. Paul Campus. The speaker will be Richard R. Nelson, Professor and Director of the Center for Science Technology and Global Development at the Earth Institute, Columbia University. He will present, "Institutions and Economic Growth: Making Sense of the Relationship." There is no charge for this event. If you are interested in attending, please go to our Department website at: <http://www.apec.umn.edu/ruttanlecture.html> and follow the online registration instructions.

Wednesday, October 18

BIOCHEMISTRY, MOLECULAR BIOLOGY & BIOPHYSICS, Dr. J. Patrick Loria, Yale University, New Haven, CT, "Biophysical Characterization of Functional Enzyme Motions," 4:00 pm, 3-120 MCB, Minneapolis.

Thursday, October 19

BIOTECHNOLOGY INSTITUTE, Asst. Professor James Cotner, University of Minnesota, "Microbial Myths and Superior Tales: Trying to Understand How Microbes Engineer Ecosystems," 3:30 pm, 239 Gortner Lab.

POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

MICHIGAN STATE UNIVERSITY

Assistant/Associate Professor, Organic Pest Management, East Lansing, MI. PhD in a relevant area. Closing date: November 1, 2006. <http://www.hrt.msu.edu/department/positions.htm>

NORTH DAKOTA STATE UNIVERSITY

Weed Scientist, Control of Perennial Weeds in Cropping Systems, Department of Plant Sciences, Fargo, ND. PhD in weed science or a related discipline. Closing date: November 20, 2006.

NORTH DAKOTA STATE UNIVERSITY

Sports and Urban Turfgrass Management, Department of Plant Sciences, Fargo, ND. PhD in turfgrass science or a closely related discipline. Closing date: November 20, 2006.

UNIVERSITY OF WISCONSIN-EXTENSION

Assistant Professor, Soybean/Small Grain Agronomist, Department of Agronomy,

Madison, WI. PhD in agronomy, crop science, plant breeding, plant genetics, plant pathology, or related plant disciplines. Closing date: October 15, 2006.

FORAGE GENETICS INTERNATIONAL

1) Trait Development Director (3133BR), evaluation of new traits in the field. PhD. 2) Senior Research Scientist (3132BR), alfalfa transformation, molecular biology and evaluation of transgenic plants. MS. (PhD preferred). West Salem, WI. <http://landolakesinc.com>

Agronomy Gleanings, October 24, 2006

10/24/2006 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@umn.edu
WEB <http://agronomy.coafes.umn.edu/>
October 24, 2006

ANNOUNCEMENTS

SCHOLARS WALK

Additional agronomist names on the Scholars Walk are as follows:

Distinguished Teachers Morse-Alumni

Lawrence H. Smith 1967-68

Laddie J. Elling 1970-71

Vernon B. Cardwell 1980-81

Steve R. Simmons 1988-89

Department Legacy Scholars "Historical Giants"

H. K. Hayes 1915-1952

C. B. Burnham 1938-1972

Honorary Degrees

William F. Hueg, Jr. 1998, Doctor of Laws

Gordon Marten 2007, Honorary Doctor of Science

<http://www.alumni.umn.edu/scholarswalk.html>

ANNUAL PUMPKIN SALE:

- Tuesday, October 24, 3:00 pm to 5:30 pm

- Wednesday, October 25, 3:00 pm to 5:30 pm

The pumpkins will be sold at the intersection of Gortner Avenue and Buford Avenue, in the beef barn parking lot. The price per pumpkin will be three dollars. Thank you very much for your support. --Gopher Crops and Soils Club

FALL SOCIAL. You are cordially invited to the Agronomy and Plant Genetics Fall Social on Friday, October 27 from 3:00 to 5:00 pm in 306 Borlaug Hall. This event will be a pleasant time to meet current and new colleagues over a glass of wine, a cup of hot apple cider, and hors d'oeuvres. Entertainment will be provided (um, well, maybe). Note: Due to campus regulations, you need to be at least 21 years old to come to the Fall Social. --The department social committee

RETIREMENT CELEBRATION in honor of Philip O. Larsen, Wednesday, October 25, UMORE Park, Rosemount, MN, 3:00 to 5:00 pm.

VENDOR PRODUCT SHOW, "Innovations," featuring 30 vendors, Thursday, October 26, 10:30 am-2:00 pm, Coffman Memorial Union Great Hall.

U OF M BOOKSTORE author discussion and book signing, Maureen Ogle, author and noted historian, "Ambitious Brew: The Story of American Beer," Friday, October 27, 2:00 p.m., Coffman Memorial Union. <http://www.bookstore.umn.edu/genref/authors.html>

SYNGENTA DEPARTMENTAL COFFEE, Tuesday, October 31, 9:30 a.m., 306 Borlaug Hall. Hosted by Dr. Vance's Lab.

CIVIL SERVICE LUNCHEON (catered by Lettuce Cater) for all Agronomy Department Civil Service Staff, Tuesday, November 14, 12 Noon, 306 Borlaug Hall.

SEMINARS

Tuesday, October 24

PLANT BIOLOGICAL SCIENCES, Dr. Dave Somers, Ohio State University, "ZEITLUPE and circadian timing: the long and short of it," 3:30 pm, 105 Cargill Bldg.

Wednesday, October 25

HORTICULTURAL SCIENCE, No Seminar.

Wednesday, October 25

BIOCHEMISTRY, MOLECULAR BIOLOGY & BIOPHYSICS, Dr. Sean J. Elliott, Boston University, Boston, MA, "Voltammetric Tales: Using Electrochemistry to Learn About Enzymes," 4:00 pm, 3-120 MCB, Minneapolis Campus.

Thursday, October 26

A BUSH FOUNDATION CONVERSATION ON HEALTH AND THE ENVIRONMENT, Michael P. Wilson, PhD, MPH, University of California-Berkeley, "Crafting a Modern Chemicals Policy: What Is and What Might Be," 3:00 pm, 306 Borlaug Hall. RSVP Jane Kretzmann by Tuesday, October 24 jkretzma@bushfoundation.org

Thursday, October 26

BIOTECHNOLOGY INSTITUTE, Ethan Johnson, U of M, TBA, 3:30 pm, 239 Gortner.

Friday, October 27

PBS Thesis Proposal Seminar, Ed Gilding, "The gene regulatory activity of R2R3 MYBs in Arabidopsis trichomes," 12 noon, 105 Cargill.

Monday, October 30

APPLIED PLANT SCIENCES (APS), Dr. Jeff Gillman, "The Truth about Garden

Remedies," 3:30 pm, 306 Borlaug Hall

POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

CENTER FOR REGULATORY RESEARCH, LLC

Assistant Regulatory Specialist (Assistant International Agriculture Training Specialist), Falcon Heights, MN. Part-time student position majoring in plant science fields: agronomy, horticulture, plant biology, plant pathology, or entomology, microbiology or a related field.

KANSAS STATE UNIVERSITY

Assistant Scientist, Cropping Systems, Southwest Research-Extension Center, Garden City, KS. Prefer MS degree in agronomy, weed science or soil science. Closing date: January 2, 2007.

Agronomy Gleanings, November 14, 2006

11/14/2006 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@umn.edu
WEB <http://agronomy.coafes.umn.edu/>
November 14, 2006

ANNOUNCEMENTS

2006 ASA-CSSA-SSSA International Annual Meetings, Indianapolis, IN, November 12-16.

THANKSGIVING HOLIDAY, Thursday, November 23; floating holiday, Friday, November 24. University offices closed.

CIVIL SERVICE LUNCHEON (catered by Lettuce Cater) for all Agronomy Department Civil Service Staff, Tuesday, November 14, 12 Noon, 306 Borlaug Hall.

RETIREMENT. The Department of Soil, Water, and Climate will have an open house in honor of Karen Mellem's 19 years of service. Please join in wishing Karen well in her retirement on Tuesday, December 5, 306 Borlaug Hall, 3:00 to 5:00 pm. (Karen's last day is Friday, December 8th.) If you have questions or would like to share a memory or photo, please contact:

Marjorie Bonse (mbonse@umn.edu, 5-3740)

Kitty Omitt (komitt@umn.edu, 5-7255)

Kari Jarcho (kjarcho@umn.edu, 5-1244)

MONTH OF KINDNESS. November is celebrated as the "Month of Kindness" at the University of Minnesota. Students have organized a variety of events, and you can spread kindness through your participation in service projects, fundraisers, food drives, and clothing drives. For more information on opportunities to participate, visit <http://www.monthofkindness.com>

CELL PHONE DO NOT CALL REGISTRATION

*JUST A REMINDER....10 days from today, all cell phone numbers are being released to telemarketing companies and you will start to receive sale calls....YOU WILL BE CHARGED FOR THESE CALLS....To prevent this, call the following number from your cell phone: 888-382-1222 or register at <https://www.donotcall.gov/default.aspx> It is the National DO NOT CALL list. It will only take a minute of your time. It blocks your number for five (5) years.

FOR RENT. A professor in the Department of Landscape Architecture is going on

sabbatical leave for the 2007 calendar year. He has a lovely, convenient, 4-bedroom, furnished home in Roseville, MN, that he hopes to rent to a visiting scholar at the University of Minnesota while he is on leave. Contact: pittx001@umn.edu or 625-7370.

SEMINARS

Tuesday, November 14

PLANT BIOLOGICAL SCIENCES, Dr. Esther van der Knaap, Ohio State University, "Genetic and Molecular Analyses of Tomato Fruit Shape: Tools to Understand Organ Foundation," 3:30 pm, 105 Cargill Building.

Wednesday, November 15

A WUSA Special Edition presented by MISA, Ricardo Salvador, Iowa State University and the Kellogg Foundation, A Forum on Future Trends in Agroecology, Food Systems, Bioeconomy, Resilient Agroecosystems, and other Pressing Matters, 1:00 pm, 306 Borlaug Hall (time change). Sustainable snacks provided.

Wednesday, November 15

THE WILLARD W. COCHRANE LECTURE IN PUBLIC POLICY, "Globalization of the Agri-Food System," Dr. Joachim von Braun, Director General of the International Food Policy Research Institute (IFPRI), 3:00 pm, Cargill Building for Microbial and Plant Genomics <http://www.apec.umn.edu/CochraneLecture06.html>

Wednesday, November 15

HORTICULTURAL SCIENCE, Chad Nowak and Will Haselbauer, Undergraduates, "Haggis, Strawberries and Cream: Turfgrass Internships in the U.K.," 3:30 pm, 310 Alderman Hall.

Wednesday, November 15

BIOCHEMISTRY, MOLECULAR BIOLOGY & BIOPHYSICS, Dr. Carolyn Price, University of Cincinnati, Cincinnati, OH, "Making Caps for Chromosomes: Telomere Protection and Processing," 4:00 pm, 3-120 MCB, Minneapolis.

Thursday, November 16

INTERNATIONAL PROGRAMS, "Plate Talk: Putting the Rational in International," 12:00-1:30 pm, 120 Coffey Hall. Faculty and students share their perspectives on course planning, working, and studying abroad. Ask the experts your "burning" questions and learn how study abroad may be right for you. Open to the public. Refreshments served.

Friday, November 17

SPECIAL SEMINAR, Tom Osbourn (formerly at University of Wisconsin, now with Seminis Seeds), 9:00 am, 306 Borlaug Hall.

Friday, November 17 [note day and time change]
APPLIED PLANT SCIENCES, Tim Dabbert, "Targeted Induced Local Lesions IN Genomes (TILLING) and its Applications," 12 noon, 306 Borlaug Hall.

POSITION ANNOUNCEMENTS
(Posted in notebook in 411 Borlaug Hall)

NORTH DAKOTA STATE UNIVERSITY
Assistant Professor, Extension Agronomist, Sugarbeet, Weed Science, Department of Plant Sciences, Fargo. PhD in weed science or crop science. Closing date: December 31, 2006.

RICE UNIVERSITY
Department Chair, Biochemistry & Cell Biology Department, Houston, TX. <http://biochem.rice.edu/>

UNIVERSITY OF MINNESOTA
Human Resources Specialist, Requisition #144534, College of Food, Agricultural and Natural Resource Sciences Administration, St. Paul Campus.

UNIVERSITY OF MINNESOTA
Coordinator of Supervisory Development, supervisory training curriculum, Office of Human Resources Center for Human Resource Development. Master's degree or equivalent.

UNIVERSITY OF MINNESOTA
Training Coordinator/Consultant, Office of Human Resources Center for Human Resource Development. BA/BS degree and at least one year professional level experience in soft skills training development and delivery. Requisition # 144185.

Agronomy Gleanings, November 21, 2006

11/21/2006 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@umn.edu
WEB <http://agronomy.coafes.umn.edu/>
November 21, 2006

ANNOUNCEMENTS

THANKSGIVING HOLIDAY, Thursday, November 23; Floating Holiday, Friday, November 24. University offices closed.

UNIVERSITY OF MINNESOTA SCHOLARSHIP DRIVE. The Promise of Tomorrow. Report to Donors. Fall 2006. Feeding Research that Feeds the World. Matt Walch's academic focus is specific, but his vision is grand. Walch, a graduate student in agronomy and plant genetics, researches how to create disease-resistant oats by crossing it with corn. "I used to teach environmental science and would tell students how there were six billion people on earth and somebody had to figure out a way to feed them," says Walch, a former high school biology instructor and recipient of the Burle and Lou Gengenbach Graduate Fellowship. "This seemed like a good way to make a contribution to that cause."

SAS PROC MIXED WORKSHOP/LECTURE. A two-day training session on SAS PROC Mixed will be presented by Dr. Michael Casler, USDA-ARS, US Dairy Forage and Research Center, Madison, WI, and Professor of Agronomy, University of Wisconsin-Madison, Monday, December 18, 1:00-5:00 PM and Tuesday, December 19, 8:00 AM-12:00 noon, 335 Borlaug Hall. All interested faculty, staff, and graduate students are welcome to attend. There is no fee for this workshop, but registration is required. To register: Jean Swanson: swans008@umn.edu
Questions: joannlamb@umn.edu

SEMINARS

Wednesday, November 22

WUSA & MISA, Alvaro Rivera, Director New Immigrant Agriculture Project, "Minnesota Food Association New Immigrant Agriculture Project," 12 Noon, 306 Borlaug Hall.

Monday, November 27

APPLIED PLANT SCIENCES, Alejandra Larriera, MS student with Jim Orf, "Spatial Analysis Applied to Plant Breeding," 3:30 pm, 306 Borlaug Hall.

Wednesday, November 29

HORTICULTURAL SCIENCE, Dr. Christian Thill, "Breeding potatoes for resistance to biotic and abiotic stress," 3:30pm, 310 Alderman Hall.

Thursday, November 30

BIOTECHNOLOGY INSTITUTE, Andy Rabins, University of Minnesota, Microbial Engineering, "Review of Zirconia Chromatography Media in Expanded Bed Absorption," 3:30pm, 239 Gortner.

Friday, December 1

PBS Thesis Proposal, David Schladt, "Mechanisms of gene retention following genome and gene duplication in hemiascomycete yeasts," 12 noon, 105 Cargill.

Friday, December 8

CAREER DAY, Jerry Cohen, Professor, Bailey Endowed Chair, Horticultural Science, 12 Noon, 105 Cargill.

POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

CORNELL UNIVERSITY

PhD Fellowships in Plant Breeding, Ithaca, NY. <http://plbrgen.cals.cornell.edu>

THE SAMUEL ROBERTS NOBLE FOUNDATION, INC.

Research Associate, Ardmore, OK. <http://www.noble.org/Jobs/EmploymentOpportunity.asp?JobNumber=FB-S065-15>

NORTH DAKOTA STATE UNIVERSITY

Assistant/Associate Professor, Extension Agronomist, Broadleaf and Alternative Crops, Cropping Systems, Department of Plant Sciences, Fargo, ND. PhD in agronomy, crop science or weed science. Closing date: December 31, 2006.

NORTH DAKOTA STATE UNIVERSITY

Extension Agronomist, Sugarbeet, Weed Science, Department of Plant Sciences, Fargo, ND. PhD in weed science or crop science. Closing date: December 31, 2006.

PURDUE UNIVERSITY

Assistant Professor, Crop Science, Department of Agronomy, West Lafayette, IN. PhD in Crop Science, Agronomy or a closely related field. Closing date: January 10, 2007

WASHINGTON STATE UNIVERSITY

Assistant Professor/Assistant Scientist, Plant Biology, Pullman, WA. PhD. or equivalent. Closing date: January 15, 2007.

Agronomy Gleanings, November 30, 2006

11/30/2006 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@umn.edu
WEB <http://agronomy.coafes.umn.edu/>
November 30, 2006

ANNOUNCEMENTS

DEPARTMENT HOLIDAY POTLUCK, Tuesday, December 19, 12 Noon, 306 Borlaug Hall. Details to follow.

HORT CLUB TO SELL POINSETTIAS, Thursday & Friday, December 7th & 8th, St. Paul Student Center. Poinsettias, Christmas Cactus, Norfolk Island Pine, Mistletoe, and Terracotta arrangements will be available.

FOR THE HOLIDAYS: the Food Science and Nutrition Department is selling cheese gift boxes. You can choose from six types of University of Minnesota-made cheese; gift certificates are also available--in \$5 and \$10 increments. For more information, see http://fscn.cfans.umn.edu/services/dairy_salesroom.html

RETIREMENT. The Department of Soil, Water, and Climate will have an open house in honor of Karen Mellem's 19 years of service. Please join in wishing Karen well in her retirement on Tuesday, December 5, 306 Borlaug Hall, 3:00 to 5:00 pm. (Karen's last day is Friday, December 8th.) If you have questions or would like to share a memory or photo, please contact:

Marjorie Bonse (mbonse@umn.edu, 5-3740)

Kitty Omitt (komitt@umn.edu, 5-7255)

Kari Jarcho (kjarcho@umn.edu, 5-1244)

CMPG HOLIDAY PARTY AND MUSICALE, Friday, December 15 from 3-5 PM in the Cargill Building on the St. Paul Campus.

SEMINARS

Thursday, November 30

BIOTECHNOLOGY INSTITUTE, Andy Rabins, Univ. of Minnesota, "Review of Zirconia Chromatography Media in Expanded Bed Adsorption," 3:30 pm, 239 Gortner Lab.

Friday, December 1

PBS Thesis Proposal, David Schladt, "Mechanisms of gene retention following genome and gene duplication in hemiascomycete yeasts," 12 noon, 105 Cargill.

Monday, December 4

APPLIED PLANT SCIENCES, "Government in Your Garden," Esther McGinnis, M.S. student in Department of Horticultural Science, 3:30 p.m., 306 Borlaug Hall.

Tuesday, December 5

BIOTECHNOLOGY INSTITUTE, Thesis Defense, Jessica Keller, Microbial Engineering, "Metabolic Engineering of a Bacteriochlorophyll Overproduction Pathway in Escherichia coli Resulting in Enhanced Pigment Production," 1:30 pm, 239 Gortner Lab.

Wednesday, December 6

WUSA & MISA, Bud Markhart, "Iceland and Germany: Hort 4000 Explores Fire, Ice, Windmills, and Organic Food," 12:00 PM, 306 Borlaug Hall.

Wednesday, December 6

HORTICULTURAL SCIENCE, Cindy Tong, "Crispy Apples and Red Potatoes—Round, Red Tissues with Little RNA," 3:30 pm, 310 Alderman.

Wednesday, December 6

BMBB & FScN, HENDERSON LECTURE, Dr. Jesse Gregory III, Univ. of Gainesville, FL, "Better Vitamin Nutrition Through Stable Isotopes: Folate and Vitamin B6 in Human One-Carbon Metabolism," 4:00 pm, 105 Cargill.

Thursday, December 7

BIO TECHNOLOGY INSTITUTE, Harold May, Medical University of South Carolina, "PCB Dechlorination to Biopower: Just Moving Electrons," 3:30 pm, 239 Gortner Lab.

Thursday, December 7

2ND ANNUAL RENEWABLE ENERGY FORUM, "Distilling the Truth on Ethanol," David Kolsrud, CORNER Stone Farmers Co-op; Dan Owens, Center for Rural Affairs; Clarence Lehman, Applied Economics, UMN, 5:30-7:00 pm, Mississippi Room, Coffman Memorial Union. Free food and T-shirts at event. For more information, contact: ecowatch@umn.edu

Friday, December 8

CAREER DAY, Jerry Cohen, Professor, Bailey Endowed Chair, Horticultural Science, 12 Noon, 105 Cargill.

POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

MINNESOTA FOOD ASSOCIATION

New Immigrant Agriculture Program, Southeast Asian/Hmong Coordinator, Marine on St. Croix, MN. Bachelor's degree in communication, education, agriculture or small business management.

MINNESOTA FOOD ASSOCIATION

New Immigrant Agriculture Program, Latino Coordinator, Marine on St. Croix, MN.
Bachelor's degree in communication, education, agriculture or small business management.

Agronomy Gleanings, December 14, 2006

12/14/2006 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@umn.edu
WEB <http://agronomy.coafes.umn.edu/>
December 14, 2006

ANNOUNCEMENTS

UPCOMING HOLIDAYS:

CHRISTMAS DAY Monday, December 25

FLOATING HOLIDAY . . . Tuesday, December 26

NEW YEAR'S DAY Monday, January 1

OBITUARY. Jean H Andersen (wife of Emeritus Professor Robert N Andersen), age 76 of Maplewood, passed away December 7, after a long battle with Alzheimer's disease. Preceded in death by son, Bob; daughter-in-law, Karen. Survived by her husband, Robert; son, Steven and his wife Debra; grandchildren, Sarah, Maria, Scott, John; brothers, James "Buzz" (Bobbi) and Stanley (Liz) Hargleroad; numerous nieces, nephews, other relatives and many friends. Memorial Service Saturday, December 16th, 2:00pm at Cremation Society of Minnesota, 4343 Nicollet Av. S. Minneapolis. Gathering one hour before service. Reception will follow service. In lieu of flowers, memorials preferred to Bridges for Health Ministries (for son Steve's medical work in Haiti) or Maplewood Good Samaritan Center. Condolences may be sent to The Robert Andersen Family, 2055 Radatz Avenue, Maplewood, MN 55109-1439.

THE MICROBIAL AND PLANT GENOMICS INSTITUTE cordially invites you to the 4th Annual Cargill/MPG HOLIDAY MUSICALE featuring the 'Note'-able Genomes, Friday, December 15 from 3-5 PM in the Cargill Building on the St. Paul Campus. Refreshments provided.

COOKIE PARTY, Monday, December 18, 9:00 AM, Main Office, 411 Borlaug Hall. Please join us for cookies and hot apple cider. ~ Office Staff

DEPARTMENT WINTER PARTY on December 19 (Tuesday) from 11:30am to 1:00pm in 306 Borlaug Hall. We will continue our tradition of home cooking and white elephant gifts: 1) Bring a dish enough to feed two graduate-student farm boys. If you cannot bring a dish or if your cooking endangers others, we ask that you pay \$5 at the door. Prizes will be awarded for the following: best Minnesotan dish; best international dish; best vegetarian dish; best dessert; and most festive dish. 2) Bring a wrapped white elephant gift, which we define as non-junk, eBay-type stuff of little value to you but potentially useful to others. ~ The Social Committee

REMINDER: THE TOYS FOR TOTS/MITTEN TREE is located in 411 Borlaug Hall. Deadline is Friday, December 22. Thank you for your support of GSA as they strive to help our community.

VELASQUEZ FAMILY COFFEE is again offering coffee for holiday gifts or your own enjoyment. Following are the prices and the roasts and flavors:

12 oz bags of coffee (whole bean or ground), \$8.00:

Maximo's French Roast

Alma's Medium Roast

Memo's Breakfast Blend

Swiss water decaf (Light Roast)

Swiss water decaf (Dark Roast)

Flavored coffees, 8 oz bags, \$5.50:

Almond Amaretto, Cinnamon, French Vanilla, Chocolate, Caribbean Hazelnut, Irish cream

Special flavors for the holidays:

Chocolate Covered Cherry, Eggnog Cream,

Apple cinnamon Strudel

To order coffee, call Guillermo Velasquez at 651-587-4977 or velas004@umn.edu.

Pick up order in the Barley room, 104 Crop Research. For more information about Velasquez Family Coffee, visit www.vfamilycoffee.com.

GRANT WRITING WORKSHOP

http://intranet.cfans.umn.edu/Faculty_Development.html. Please note that there is a link to the course outline on this page - at the end of paragraph one. The days/times faculty are asked to choose from are on the registration form, which also has a link - at the end of paragraph three. ~ Steve Carnes, Assistant to Associate Deans, CFANS

UNIVERSITY OF MINNESOTA FORESTRY CLUB. Buying a Christmas tree from the U of M Forestry Club helps CFANS' students enhance their educational experience. Proceeds from the tree sales help students travel to educational events and conferences, and conduct club-sponsored activities. The Forestry Club's tree lot will remain open until Dec. 24. In addition to trees, the Club also sells wreaths, garland, door swags, and maple syrup. The Club's lot is located on the north side of Larpenteur Avenue at the Les Bolstad Golf Course Driving Range. Hours are noon to 9 p.m., M-F and 8 a.m. to 9 p.m. on weekends.

POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

UAP NORTHERN PLAINS

2007 summer internships, Sauk Centre, MN. Crop scouting: weeds, insects, crop health, diseases, fungus/viruses, soil sampling, fertilizer recommendations. See full job description in 411 BH.

UNIVERSITY OF WISCONSIN-PLATTEVILLE

Assistant Professor, Crop Scientist/Agronomist, Platteville, WI. Doctorate required.

Closing date: February 15, 2007. <http://www.uwplatt.edu>