

Agronomy Gleanings, January 16, 2008

1/16/2008 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; E-MAIL agro@umn.edu
WEB <http://agronomy.cfans.umn.edu/>
January 16, 2008

ANNOUNCEMENTS

UNIVERSITY HOLIDAY, Martin Luther King, Jr. Day, Monday, January 21, 2008.
University offices closed.

WINTER PARTY: TROPICAL GETAWAY

(Loud shirts/tropical wear encouraged)

When: 11:30am-1pm, Jan. 25, 2008

Where: 306 Borlaug Hall

What: Potluck, main dishes from Cosetta's, cold drinks, and White Elephant gifts

Admission: Free if you bring a dish or if you are a student; otherwise \$3 at the door.

Prizes for best dishes in five categories:

1) best Minnesota dish, 2) best international dish, 3) best vegetarian dish, 4) best dessert, and 5) most topical/festive

*White Elephant gift items should be delivered to Jean Swanson in the main office by Thursday, January 24

*Signup sheet for dishes available in main office

SYNGENTA DEPARTMENTAL COFFEE, Wednesday, January 30, 9:30 AM, 306 Borlaug Hall. Hosted by the Soybean Project

THE WILLARD W. COCHRANE LECTURE IN PUBLIC POLICY, Ambassador Joseph Glauber, Chief Economist, U.S. Department of Agriculture, Washington, D.C., "Whither U.S. Agricultural Trade Policy?," Thursday, January 31, 3:00 p.m., Cargill Building for Microbial & Plant Genomics. Online registration: <http://www.apec.umn.edu/CochraneLecture08.html>

THE THIRD SOLUTION-DRIVEN SCIENCE SYMPOSIUM: FOOD SYSTEMS AND HUMAN HEALTH, Thursday, February 14, 12:30 pm - 5:00 pm, Northstar Ballroom, St. Paul Campus. This symposium will help you learn more about the consequences of the organic and conventional food systems, local versus global dimensions on human health, and the influence of new food ingredients on human immune systems and health.

LIFE LIVED

Arnold G. Steen, age 94, died November 26, 2007. He spent much of his life farming near Clinton and Ortonville, Minn. In 1963, he moved to St. Paul where he worked in the Agronomy Department, University Minn.

SEMINARS

Wednesday, January 16

MOLECULAR BIOLOGY SEARCH CANDIDATE, Dr. Alexandra Sobeck, "A Leap Towards Understanding Genomic Integrity: *Xenopus Laevis* as a New Model to Decipher the Fanconi Anemia/BRCA Caretaker Pathways," 4:00 PM, 2-137 Jackson Hall. Chalk Talk, Thursday, January 17, 9 AM in 6-135 Jackson Hall.

POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

MINNESOTA CROP IMPROVEMENT ASSOCIATION (MCIA)

President/CEO, Administration, St. Paul, MN. Reports to Board of Directors. Advanced degree or extensive experience in Agribusiness or related food sciences essential.

UNIVERSITY OF WYOMING

Assistant Professor, Invasive Weed Scientist, Laramie, WY. PhD in Weed Science, Agronomy, Rangeland Ecology, or a relevant field. Application screening begins March 1, 2008.

UNIVERSITY OF WYOMING

Assistant Professor, Agronomist, Laramie, WY. PhD in Agronomy or a related field. Application screening begins March 15, 2008.

IOWA STATE UNIVERSITY

Graduate Program in Sustainable Agriculture USDA National Needs Fellowships: <http://www.sust.ag.iastate.edu/gpsa/application.html>

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THE WILLARD W. COCHRANE LECTURE IN PUBLIC POLICY, Ambassador Joseph Glauber, Chief Economist, U.S. Department of Agriculture, Washington, D.C., "Whither U.S. Agricultural Trade Policy?," Thursday, January 31, 3:00 p.m., Cargill Building for Microbial & Plant Genomics. Online registration: <http://www.apec.umn.edu/CochraneLecture08.html>

APS GRADUATE STUDENT SYMPOSIUM. The APS graduate students are hosting a symposium March 17 entitled "Plant Breeding in the 21st Century: Challenges and Opportunities Across the Plant Sciences." Our featured speakers include:

- Introductory Remarks by Dr. Geoff Graham (Pioneer) "Plant Breeding Education and Training: An Industry Perspective"
- Keynote Address by Dr. Ron Phillips (University of Minnesota), "Plant Breeding: Past, Present, and Future"
- Dr. John Doebly (University of Wisconsin- Madison), "What Can We Gain from the Past? Introgression of Wild Alleles into Breeding Lines"
- Dr. José Crossa (CYMMIT), "Where Are We Growing? Making Sense of Plant Breeding Data Across Environments"
- Dr. Bill Beavis (Iowa State University), "Big Science and Plant Breeding: Usefulness of Genomics Data"
- Dr. David Neale (University of California- Davis), "Tree Breeding: Conquering High Heterozygosity and Long Generation Times"

Contact: Mikey Kantar <kant0063@umn.edu>

DELIVERY OF PACKAGES. Please note, ALL PACKAGES (items ordered and delivered through U-Stores, as well as items ordered and delivered from outside vendors) are now being received in the Xerox room, 412 Borlaug Hall. Your help is needed in receiving your orders, especially if they are perishable. Please check often for their arrival and when called, pick up as soon as possible. Your continued cooperation is appreciated as space is limited.

ST. PAUL CAMPUS CAREER CENTER, 198 McNeal Hall. The St. Paul Campus Career Center provides comprehensive career development assistance to undergraduate and graduate students through individual appointments, workshops,

courses, as well as through online and print resources. <http://www.stpaulcareers.umn.edu>

SEMINARS

Wednesday, January 30

BMBB, Dr. Jonathan Whittaker, Case Western Reserve University, Cleveland, OH, "Molecular Biology of Ligand Binding by Insulin and IGF Receptors," 4:00 PM, 2-137 Jackson Hall, Minneapolis Campus.

Tuesday, February 5

PLANT BIOLOGICAL SCIENCES, Dr. Carroll Vance, University of Minnesota, Department of Agronomy and Plant Genetics, "Phosphorus Stress Induces Complex Changes in Root System Development and Architecture," 3:30 PM, 335 Borlaug Hall.

Wednesday, February 6

MPGI's Bioenergy/Biofuels Colloquia, Jeff Roessler, Scientist, Agronomy & Plant Genetics, "Development of bird habitat indicators for switchgrass biomass production lands," 12:00 noon, 105 Cargill Microbial and Plant Genomics.

Wednesday, February 6

BMBB, Dr. Wilfred A. van der Donk, University of Illinois, Urbana-Champaign, IL, "Biosynthesis of Lantibiotics, Complex Macrocylic Thioethers," 4:00 PM, 2-137 Jackson Hall, Minneapolis Campus.

Thursday, February 7

The National Academy of Sciences Lectureship Seminar Series, Sponsored by the Microbial and Plant Genomics Institute, "Hyper-instability and site directed recombination in otherwise highly unstable plant genomes," Jeffrey L. Bennetzen, Norman and Doris Giles Professor & Georgia Research Alliance Eminent Scholar, Department of Genetics, University of Georgia. 2:00 PM, 105 Cargill Building. Discussion with Graduate Students and Postdoctoral Researchers will follow the seminar at 3:00 PM.

POSITION ANNOUNCEMENTS (Posted in notebook in 411 Borlaug Hall)

KANSAS STATE UNIVERSITY

Assistant Agronomist, South Central Experiment Field, Department of Agronomy, Hutchinson, Kansas. B.S. in Agronomy, Crop Science, or closely related field. Screening begins: March 1, 2008.

PENN STATE UNIVERSITY

Post-Doctoral Scientist in Agroecology, Departments of Crop and Soil Sciences and Entomology. PhD in weed-, arthropod-, soil- or agro-ecology. Closing date: February 29, 2008.

PENN STATE UNIVERSITY

Post-Doctoral Research Associate Weed/Crop Ecology, Department of Crop and Soil Sciences, University Park, PA. PhD in weed science, agro-ecology, or closely related discipline. Starting date: Spring 2008.

MN DEPARTMENT OF AGRICULTURE

Agriculture Advisor, Agricultural Chemicals, St. Paul, MN. Bachelor's degree in agricultural or environmental sciences such as Water Resources Management, Agronomy, Weed Science, Soil Science, Crop Science, Crop Soil and Pest Management, Applied Plant Science or closely related field. Closing date: January 30, 2008.

NORTH DAKOTA STATE UNIVERSITY

Postdoctoral Research, Department of Entomology, Fargo, ND. PhD in Entomology, plant genetics, or a related discipline. Screening to begin January 30, 2008.

Agronomy Gleanings, February 15, 2008

2/17/2008 8:00 AM

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February 15, 2008

ANNOUNCEMENTS

SYNGENTA DEPARTMENTAL COFFEE, Friday, February 29, 9:30 AM, 306 Borlaug Hall. Hosted by the Barley and Forage Projects.

HELLO FROM KENT CROOKSTON. Jean invited me to send an update back to the home department. I've moved on from my position as dean of the College of Biology and Agriculture at BYU. It was an adventure. It fell my lot to preside over the conclusion of agriculture during my term; our new name is the College of Life Sciences. Our agronomists are focusing on wild land management and landscaping; our plant geneticists are flourishing -- some working on crop species. Animal Science, the Farm and Dairy, the vet nursing program, etc. are gone.

My new position is in the Faculty Center where I'm working as a coach for those who find themselves in administration. I'll be 65 next month but my financial advisor says I can't afford to retire yet. I plan to stay in this job for about three years. Two years ago Gayle and I visited the American University of Armenia; I was offered the position of Provost there. We really liked what we saw, but upon our return home we learned that her dad had cancer, so we stayed here to care for him. He passed away in July.

Gayle and I and our children are all in good health and well placed right now. We send our best wishes to all of you.

2008 CLASSES WITHOUT QUIZZES, Saturday, April 5, 8:30 AM, St. Paul Campus.
<http://www.cfans.umn.edu/cwq>

PIONEER HI-BRED SPONSORED APPLIED PLANT SCIENCES GRADUATE STUDENT SYMPOSIUM, "Plant Breeding in the 21st Century: Challenges and Opportunities Across the Plant Sciences," March 17, 2008, Cargill Building for Microbial and Plant Genomics, St. Paul Campus, University of Minnesota, 8:00 am - 5:30 pm. The event is free and open to the public. For details: http://www.appliedplantsciences.umn.edu/Graduate_Symposium.html

H.K. HAYES MEMORIAL LECTURE . The year 2008 marks the 35th anniversary of the H.K. HAYES MEMORIAL LECTURE. Vicki Wilde, Leader of the Gender and Diversity Program for the fifteen International Agricultural Research Centers will be this year's

Hayes Memorial Lecturer. She recently received a \$13 million grant from the Bill and Melinda Gates Foundation to explore gender and diversity issues among African women in agriculture. The event is to be held on April 25, with the Hayes Graduate Student Award presentation at 3:00 p.m. and the lecture following at 3:30 p.m. in the Cargill Building on the St. Paul campus.

SEMINARS

Tuesday, February 19

PBS Colloquium, "Proteomic and genomic dissection of the brassinosteroid signaling pathway," Dr. Zhiyong Wang, Carnegie Institute of Washington, 3:30 PM, 335 Borlaug Hall.

Wednesday, February 20

MPGI Bioenergy/Biofuels Colloquia, "Enzymatic bioprocessing for biofuels and bioproducts," Ping Wang, Associate Professor, Bioproducts/Biosystems Engineering, and "Electrons from bacteria: How bacteria conduct themselves," Daniel Bond, Assistant Professor, Biotechnology Institute, 12:00-1:00pm. Please note this seminar has been moved from 105 Cargill to 306 BORLAUG HALL.

Wednesday, February 20

GOLDBERG LECTURE, Dr. Christin Carter-Su, University of Michigan Medical School, Ann Arbor, MI, "The Role of the Tyrosine Kinase JAK2 in Actions of Growth Hormone," 4:00PM, 2-137 Jackson Hall, Minneapolis Campus.

Wednesday, February 27

BMBB, "DNA Double Strand Breaks, Translocations and Lymphoma," Dr. Fredrick Alt, Howard Hughes Medical Institute, Children's Hospital, Boston, MA, 4:00 PM, 2-137 Jackson Hall, Minneapolis Campus.

POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

THE LUMPKIN FAMILY FOUNDATION

Program Officer, Local Food, Mattoon, IL. Minimum credentials include BA and a minimum 5-7 years relevant experience leading to an understanding and appreciation of food system issues. <http://www.lumpkinfoundation.org>

Agronomy Gleanings, February 26, 2008

2/26/2008 8:00 AM

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February 26, 2008

ANNOUNCEMENTS

SYNGENTA DEPARTMENTAL COFFEE, Friday, February 29, 9:30 AM, 306 Borlaug Hall. The announcement of a new barley variety 'Rasmusson' will be made at this time. Hosted by the Barley and Forage Projects.

GREETINGS from a "winter Texan" in Harlingen, Texas, in the Rio Grande Valley. Weather has been great--swimming (pool) about every day. Lots of sun, but windy at times. Molly (dog) and I have been touring around South Padre Island and out in the countryside. Lots of irrigated crops including sugar cane--lots of citrus as well. ~ Larry Smith

A SPECIAL HEARTFELT THANK YOU to the Agronomy Department for the beautiful peace lily given in memory of my mother. Your thoughts, prayers, cards, flowers, memorial gifts, and support are truly appreciated. ~ Jean Swanson

PIONEER HI-BRED SPONSORED APPLIED PLANT SCIENCES GRADUATE STUDENT SYMPOSIUM, "Plant Breeding in the 21st Century: Challenges and Opportunities Across the Plant Sciences," Monday, March 17, 8:00 am - 5:30 pm, Cargill Center for Microbial and Plant Genomics, St. Paul Campus. Details: http://www.appliedplantsciences.umn.edu/Graduate_Symposium.html

SEMINARS

Tuesday, February 26

DEPARTMENT OF ENTOMOLOGY, "Midge Madness! Quantifying Linkages Between Lake and Land," Claudia Gratton, Dept. of Entomology, University of Wisconsin. Refreshments at 3:00 PM, Seminar at 3:15 PM, 490 Hodson Hall. Everyone welcome.

Tuesday, February 26

PLANT BIOLOGICAL SCIENCES, Dr. Jonathan Lynch, Penn State University, Department of Horticulture, "Roots of the Second Green Revolution," 3:30 PM, 335 Borlaug Hall.

Wednesday, February 27

BMBB, Dr. Fredrick Alt, Howard Hughes Medical Institute, Children's Hospital, Boston, MA, "DNA Double Strand Breaks, Translocations and Lymphoma," 4:00 PM, 2-137 Jackson Hall.

Monday, March 3

APPLIED PLANT SCIENCES, Toi Tsilo and Benzon Lorenzana, APS Graduate Students, "University of Minnesota/International Rice Research Institute (IRRI) Internship Program: Experiences of APS Grad Students," 3:30 PM, 306 Borlaug Hall.

Tuesday, March 4

INTERVIEW SEMINAR, Candidate for Corn-based Cropping Systems Agronomist position, Department of Agronomy and Plant Genetics, Joseph G. Lauer, PhD, Professor and Extension Corn Agronomist, University of Wisconsin - Madison, "Tomorrow's Extension--Vision for Future Research and Extension in Corn-based Cropping Systems," 10:00 a.m., 105 Cargill Building for Microbial and Plant Genomics.

Wednesday, March 5

MPGI Colloquia, Spring 2008: Bioenergy and Biofuels, Dr. Jeff Gralnick, Biotechnology Institute, "Genetic Engineering for Fun and Profit: Exploring the Metabolic Landscape of Shewanella," and Dr. Hans Jung, Department of Agronomy and Plant Genetics, "Alfalfa in Rotation with Corn: A Crop to Provide Energy, Protein and Environmental Services," 12 Noon, 105 Cargill Building for Microbial and Plant Genomics. <http://www.mpgi.umn.edu>

Thursday, March 6

INTERVIEW SEMINAR, Candidate for Corn-based Cropping Systems Agronomist position, Department of Agronomy and Plant Genetics, Andrew McDonald, PhD, Research Coordinator, New York State Water Resources Institute, Cornell University, "Tomorrow's Extension--Vision for Future Research and Extension in Corn-based Cropping Systems," 10:00 a.m., 105 Cargill Building for Microbial and Plant Genomics.

Monday, March 12

INTERVIEW SEMINAR, Candidate for Corn-based Cropping Systems Agronomist position, Department of Agronomy and Plant Genetics, Jeffrey A. Coulter, University of Illinois at Urbana-Champaign, "Tomorrow's Extension--Vision for Future Research and Extension in Corn-based Cropping Systems," 10:00 a.m., 105 Cargill Building for Microbial and Plant Genomics.

POSITION ANNOUNCEMENTS (Posted in notebook in 411 Borlaug Hall)

APPROPRIATE TECHNOLOGY TRANSFER FOR RURAL AREAS (ATTRA)

Farm Energy Specialist, The National Center for Appropriate Technology (NCAT). BS or MS degree or equivalent in a relative field is also required. Closing date: 3/1/08 or until a suitable candidate is identified. <http://www.ncat.org/jobs.php>

APPROPRIATE TECHNOLOGY TRANSFER FOR RURAL AREAS (ATTRA)

Forage and Pasture Specialist, The National Center for Appropriate Technology (NCAT). BS or MS degree in agronomy, animal science, soils, pastures, or rel. field in agriculture is required. Closing date: 3/1/08 or until a suitable candidate is identified. <http://www.ncat.org/jobs.php>

APPROPRIATE TECHNOLOGY TRANSFER FOR RURAL AREAS (ATTRA)

Organic Specialist, The National Center for Appropriate Technology (NCAT). BS or MS degree or equiv. in horticulture, pest mgmt. or soils mgmt. w/special attention to sustainable or organic vegetable production. Closing date: 3/1/08 or until a suitable candidate is identified.

<http://www.ncat.org/jobs.php>

APPROPRIATE TECHNOLOGY TRANSFER FOR RURAL AREAS (ATTRA)

Sustainable Agriculture Marketing Specialist. Position requires farm-based experience and a BS or MS degree or equivalent in agricultural business development w/emphasis on farm economics, marketing, finance, business planning, or value-added enterprise development. Closing date: 3/1/08 or until a suitable candidate is identified. <http://www.ncat.org/jobs.php>

UNIVERSITY OF NEBRASKA, LINCOLN

Horticultural Molecular Geneticist, Assistant Professor, Department of Agronomy and Horticulture, Lincoln, Nebraska. PhD required in Molecular Biology, Biochemistry, Agronomy, Horticulture, or related discipline, and a demonstrated ability to publish original research in peer-reviewed journals. Closing date: March 28, 2008. <http://employment.unl.edu> (requisition #080117).

UNIVERSITY OF NEBRASKA, LINCOLN

Plant Molecular Physiologist, Assistant Professor, Department of Agronomy and Horticulture, Lincoln, Nebraska. PhD in Molecular Biology/Physiology, Agronomy/Horticulture, or other relevant discipline; postdoctoral or private sector competency in molecular plant physiology relating to plant response and adaptation to abiotic stress. Closing date: March 28, 2008.

<http://employment.unl.edu> (requisition # 080112)

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March 17, 2008

ANNOUNCEMENTS

FLOATING HOLIDAY, Friday, March 21, 2008. University offices will be closed.

BIRTH ANNOUNCEMENT. Peter Auke Wiersma was born Tuesday, March 11 at 11:10 AM, weighing 8 lbs and 20 inches. Proud parents are Jochum and Jacoba DeBore Wiersma. Mom and baby are both doing well.

SYNGENTA DEPARTMENTAL COFFEE, Friday, March 28, 9:30 AM, 306 Borlaug Hall. Hosted by the USDA Forage Projects

CLASSES WITHOUT QUIZZES, Learn how science is solving everyday problems, Saturday, April 5, Borlaug Hall, 1991 Upper Buford Circle, St. Paul Campus. For more information: <http://www.cfans.umn.edu/cwq>

PHILIP C. HAMM MEMORIAL LECTURE, "Genetics and Genomics of DNA Methylation Patterning," Dr. Steven E. Jacobsen, Howard Hughes Medical Institute, Department of MCD Biology, University of California, Los Angeles, Thursday, March 27, 2:30-3:00 PM Awards, 3:00 PM Lecture, 105 Cargill Building, 4:00-5:00 PM Reception, Atrium, Cargill Building.

WILLIAM E. LARSON AND RAYMOND R. ALLMARAS lecture on Emerging Issues in Soil and Water. The theme of the annual Soil, Water and Climate department lecture is "National Environmental Indicators" on Wednesday, April 16 from 2:00 to 4:30 pm in 335 Borlaug Hall. The lecture includes two speakers: Robin O'Malley of the Heinz Center, Washington, D.C., who will speak on "An Environmental Information System for the 21st Century" and Bob A. Stewart of West Texas A&M University, who will speak on "National Indicators of Changes in Soil Quality." For details about the event, contact Satish Gupta at sgupta@umn.edu or 612-625-1241.

STEVE SIMMONS' RETIREMENT PARTY is being planned for Friday, May 9, 2008, with an open house and ice cream social from 2:00-4:00 p.m. in 306 Borlaug Hall. Steve is referring to this as "The Last Hurrah!" so please plan to join the celebration.

Save the date: RETIREMENT PARTY FOR SUZANNE LIVINGSTON, Friday, June 27, 2008, 2-4 p.m., St. Paul Campus. Details to follow.

SEMINARS

Tuesday, March 25

PBS COLLOQUIUM, "Molecular Approaches to Understanding Tomato Flavor," Dr. Harry Klee, University of Florida, Horticultural Sciences Department, 3:30 PM, 335 Borlaug Hall.

Wednesday, March 26

MPGI COLLOQUIA, Spring 2008: Bioenergy and Biofuels, Dr. Marc von Keitz, Biotechnology Institute, "Toward Continuous High-Cell Density Fermentation with REAL Hemicelluloses Hydrolysates," and Dr. Kate VandenBosch, Department Head, Plant Biology Department, "Systems Biology of Cell Wall Synthesis in a Forage Legume," 12 Noon, 105 Cargill Building.

POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

NORTH DAKOTA STATE UNIVERSITY

Research Specialist, Extension Plant Sciences, Fargo, ND. B.S. degree in agriculture or other fields with farm and/or agricultural research experience or M.S. degree in plant sciences, agronomy, crop and weed sciences or closely related discipline. Screening Date: March 20.

<http://www.ndsu.edu/ndsu/jobs/broadbanded/positions/plscResSpecNewFeb08.shtml>

SEED SAVERS EXCHANGE

Executive Director, Decorah, Iowa.

<http://www.seedsavers.org>

KANSAS STATE UNIVERSITY

Graduate Research Assistant, Soil and Fertilizer Chemistry, Department of Agronomy, Manhattan, KS. BS or MS degree in Soil Science, Agronomy, or related discipline.

UNIVERSITY OF WISCONSIN, PARKSIDE

Assistant Professor, Plant Biology/Botany, Department of Biological Sciences, Kenosha, WI. Must be broadly trained Plant Biologist or Botanist with PhD and postdoctoral experience.

<http://www.uwp.edu/departments/human.resources/unclassified.positions/biosap.cfm>

AUGSBURG COLLEGE

Assistant Professor of Biology, Minneapolis, MN. M.S. or Ph.D. (preferred) in Biology or related discipline with strength in Plant Biology and Molecular Biology. <http://www.augsburg.edu/hr/faculty>

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March 27, 2008

ANNOUNCEMENTS

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Hosted by the USDA-ARS Forage Groups.

SUZANNE LIVINGSTON'S RETIREMENT PARTY has been changed to Wednesday,
June 25th, 2:00-4:00 PM, Cargill Building. Details to follow. ~ The Social Committee

BIRTH ANNOUNCEMENT. Courtney Tchida and Don Rosenthal announce the arrival
of their son, Miles Rosenthal, born Monday, March 24, weighing 7 lbs 15 oz and 21 $\frac{3}{4}$
inches long.

OUR BEST WISHES FOR A SPEEDY RECOVERY go out to Mary Ann Simmons as
she recovers from surgery.

CLASSES WITHOUT QUIZZES. Learn how science is solving everyday problems,
Saturday, April 5, Borlaug Hall, 1991 Upper Buford Circle, St. Paul Campus. For more
information: <http://www.cfans.umn.edu/cwq>

PHILIP C. HAMM MEMORIAL LECTURE, "Genetics and Genomics of DNA Methylation
Patterning," Dr. Steven E. Jacobsen, Howard Hughes Medical Institute, Department of
MCD Biology, University of California, Los Angeles, Thursday, March 27, 2:30-3:00 PM
Awards, 3:00 PM Lecture, 105 Cargill Building, 4:00-5:00 PM Reception, Atrium, Cargill
Building.

AGRICULTURAL ISSUES ROUND TABLE, Steve Polasky, Fesler-Lampert Professor of
Ecological/Environmental Economics, University of Minnesota, "Biofuels and the
Environment," Tuesday, April 22, 11:30 AM-1:30 PM, Four Points Sheraton,
Minneapolis. Contact Sue Pohlad at 612-625-8779 to reserve space. Luncheon cost is
\$30.

35TH HAYES MEMORIAL LECTURE AND GRADUATE STUDENT AWARD will be
held on April 25, 2008. The presentation of the Graduate Student Award will be at 3:00
p.m. in room 105 of the Cargill Building for Microbial and Plant Genomics on the St.
Paul campus. The H.K. Hayes Memorial Lecture will be at 3:30 in the same room, with

a reception at 4:30 in the Cargill Building atrium. The lecture will be presented by Vicki Wilde, leader of the Gender and Diversity Program for the CGIAR (Consultative Group for International Agricultural Research).

A HAYES RECIPIENT REUNION FORUM will be held as part of this year's H.K. Hayes event on April 25 at 1:30 - 2:30 PM in 306 Borlaug Hall. Steve Simmons will serve as moderator.

SEMINARS

Monday, March 31

APPLIED PLANT SCIENCES, "Quantitative Trait Loci (QTL) Mapping of Wheat Fusarium Head Blight Resistance in the Japanese Landrace PI 81791," Edmund A. Quirin, Ph.D. student,
3:30 p.m., 306 Borlaug Hall.

Wednesday, April 2

BMBB, Dr. Carsten Krebs, Penn State University, University Park, PA, "The Heterbinuclear Mn/Fe Ribonucleotide Reductase from Chlamydia Trachomatis," 4:00 PM, 2-137 Jackson Hall, Minneapolis Campus.

Monday, April 7

APPLIED PLANT SCIENCES. No Seminar.

PROJECT SEMINARS, 306 Borlaug Hall:

- Roger Becker, Friday, April 11, 12 noon
- Gregg Johnson, Friday, April 11, 12:45 PM
- Nick Jordan, Monday, April 14, 12 noon
- Bob Stupar, Monday, April 14, 12:45 PM
- Bev Durgan Wednesday, April 16, 12 noon

POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

MINNESOTA DEPARTMENT OF AGRICULTURE

Agricultural Advisor, Water Quality Advisor, Rochester, MN. Bachelor's degree in Soils, Agronomy, or Natural Sciences. Closing date: 4/16/08. Posting Number: 08AGR000044.

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

CENTRA SOTA COOPERATIVE

Agronomy Intern, Cokato, MN. Scouting corn, soybean and alfalfa fields for bugs, weeds, diseases, etc.

USDA, ARS

Research Molecular Geneticist, Sunflower Research Unit, Fargo, ND. Closing date:
April 9, 2008. (ARS-X8W-0150) <http://www.afm.ars.usda.gov/divisions/hrd/index.html>

Agronomy Gleanings, April 8, 2008

4/8/2008 8:00 AM

AGRONOMY GLEANINGS

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April 8, 2008

ANNOUNCEMENTS

SOUP LUNCH POTLUCK. On Friday, April 18th the Applied Plant Science Graduate Club will be hosting the Soup Lunch Potluck from 11:30 am -1:30 pm in 306 Borlaug Hall. This is a fundraiser with all proceeds going to Second Harvest Food Bank. The cost will be \$5 if you do not bring a soup and free if you do bring one! Bread will be donated by Café Latte, desserts will be provided by the graduate students and drinks will be provided by the APS Grad Club.

If you'd like to bring a soup, please sign up in the main office of the Agronomy Department (411 Borlaug Hall). The categories for this year's potluck are 1) Cream of..., 2) Vegetarian, 3) Meat Lovers, 4) International, 5) Spiciest and 6) Best of show (wild card). On the day of the event, soups may be brought to 306 Borlaug Hall between 8:00 11:00 am. This is a great time to get together and share some soups and conversation, while raising money for a good cause. Hope to see you there!

INFORMA ECONOMICS. Make plans to share your views at one of the three sessions on the future needs of agricultural research, education and Extension. Informa Economics is developing a strategic plan for agricultural research, Extension and education at the University of Minnesota and is holding three sessions meant specifically to gather ideas from University of Minnesota faculty, staff and students. The sessions are:

April 16, 3:30 pm, Room 365 Haecker Hall

April 17, 8:30 am, Room 306 Borlaug Hall

April 17, 2:00 pm, Room 105 Cargill Bldg

To view the 2:00 pm session on April 17 via the Internet go to

<https://umconnect.umn.edu/informaagstrategicstudylisteningssession/> The Informa effort is coordinated by the Minnesota Agricultural Experiment Station in cooperation with the deans of CFANS, Extension and CVM.

RESEARCH OPPORTUNITY: Kathy Draeger, Director of the U's Regional Partnership and Adjunct Professor in Agronomy and Plant Genetics, and husband Mike Jorgenson purchased a 320 acre farm in rural Big Stone County (see Resettling Big Stone County for more information). The farm, in the heart of the prairie pothole region, abuts a US Fish and Wildlife Service Waterfowl Production area. Over the past 40 years it has been predominantly corn and soybean production (continuously the past 14 years), with some

rotations of small grains and alfalfa before 1994. Cropping history available. The Draeger-Jorgensons will continue conventional corn and soybeans on 280 acres in 2008, but beginning in 2009 will transition to wetlands, grasslands, and small grain production (wetland delineation for farm). A portion of the farm will be certified organic beginning in 2008. Both Mike and Kathy have agronomic research backgrounds and would welcome experimentation with their land--from carbon sequestration, to wildlife impacts, to weed control, to animal health. Please contact Mike at mjorge016@msn.com

35TH ANNUAL H.K. HAYES MEMORIAL LECTURE AND GRADUATE STUDENT AWARD will be held on April 25, 2008. The presentation of the Graduate Student Award to Haiyan Jia will be at 3:00 p.m. in room 105 of the Cargill Building for Microbial and Plant Genomics on the St. Paul campus. The H.K. Hayes Memorial Lecture will be at 3:30 in the same room, with a reception at 4:30 in the Cargill Building atrium. The lecture will be presented by Vicki Wilde, Program Leader, Gender and Diversity Program, CGIAR (Consultative Group for International Agricultural Research).

H. K. HAYES AWARD REUNION FORUM. We are pleased to invite you to attend the special 35th anniversary H. K. Hayes Award Reunion Forum at 1:30 pm in room 306 Borlaug Hall on Friday, April 25, 2008. This panel discussion will feature nine former recipients of the H. K. Hayes Graduate Student Award of the Department of Agronomy and Plant Genetics ranging from the years 1974 through 2003. Names of the panelists, the years of their receipt of the Hayes Award, and a brief description of each is shown below. The panel will share insights and reflections about their lives during their graduate studies at Minnesota and in their careers since then. It promises to be a most interesting experience. Please put this event on your calendar and plan to attend.

PARTICIPANTS IN THE 2008 H. K. HAYES AWARD REUNION FORUM

Donn Cummings (1976)

Donn worked as a corn breeder for thirty years with DeKalb and Monsanto serving as a Line Development Breeder prior to assuming his present position as Monsanto's Global Breeder Sourcing Lead. He has been a Monsanto Scientific Fellow since 2003 and holds ten inbred patents while contributing parent lines for many commercial corn hybrids. His inbreds have been used in hybrid development in a number of countries including Canada, France, Italy, Japan, New Zealand, Spain and South Africa. Donn is based in Lebanon, IN where he currently leads the University Strategy Team to improve relationships with academic faculty and graduate students at Land Grant universities.

Todd Krone (1993)

Todd is Research Director, Global Molecular Marker Technologies, for Pioneer Hi-Bred in Johnston, IA. He has a background in both lab molecular marker techniques and field breeding experience. He initiated and ran a molecular marker lab for Monsanto for four years before beginning his career with Pioneer as a Corn Breeder in Champaign, IL in 1998. From 2000 to 2007, Todd led a trait integration group that incorporated high value

traits into elite corn inbreds and hybrids.

William Kuhn (1974)

Bill was the first recipient of the H. K. Hayes Award. Following receipt of his Ph.D., he worked for Pioneer Hi-Bred International for thirty-two years and retired in September 2006. While employed with Pioneer he served as corn breeder in Carrollton, MO, and also as the Central Region Coordinator for the Corn Breeding Department at Princeton, IL. He became the Assistant Director of Corn Breeding in 1984 and had several different director positions at Johnston, IA in Maize Product Development through 2006. In 2007 he consulted with Pioneer to aid in recruitment and enhancement of university/industry relations.

Beth Nelson (1988)

Beth serves as Coordinator for the North Central Region (NCR) Sustainable Agriculture Research and Education (SARE) program. She is also Associate Program Director of the Minnesota Institute for Sustainable Agriculture (MISA) with particular responsibility for overseeing information exchange projects. Her current efforts include several multi-faceted information initiatives around the topic of local foods from the perspectives of consumers, farmers, marketers and schools. Beth has two sons and lives in the Twin Cities.

Michael Olsen (1998)

Mike currently works for Monsanto in Stanton, MN, at the interface of corn breeding and breeding technology. His main focus is the development and evaluation of marker-assisted breeding strategies. He collaborates with a wide range of scientists with extremely diverse backgrounds in exploring new ideas and concepts. He and his wife have a son and a daughter. Mike still runs marathons and has taken up birdsong identification. He has a quote by Claude Monet taped to his computer that reads, "I would like to paint the way that a bird sings." This statement encapsulates Mike's aspirations as a researcher.

Virginia Peschke (1987)

After completing a post-doc at Washington University concerning the molecular genetics of flooding tolerance in maize, Ginger spent thirteen years at Monsanto. Her roles there included molecular and genetic analysis of transgenic corn, soybeans, and other crops, as well as leadership of the Vector Technology group, and quality assurance. In 2005, Ginger left Monsanto to begin a new career as a freelance writer and editor. She currently works with a variety of clients including pharmaceutical companies and scientific publishers. Ginger has been married for nineteen years to another U of MN graduate, Chuck Armstrong. They have two children and live in O'Fallon, MO.

Jonathan Shaver (1997)

Jonathan is a professor of biology at North Hennepin Community College in Brooklyn Park, MN. He formerly served as an agronomy professor at Oklahoma State University, as well as a research scientist with Monsanto. He is currently involved with

community organizations that help provide consumers with food choices that promote appropriate treatment of workers, corporate transparency and minimize negative environmental impacts. He is always looking for ideas and opportunities to increase agricultural and food awareness.

Steve Simmons (1977)

Steve is a Morse-Alumni Distinguished Teaching professor in the Department of Agronomy and Plant Genetics at the University of Minnesota. He has taught a wide array of undergraduate and graduate courses within the disciplines of crop physiology, agricultural ecology and agronomy during his thirty-one year career. He will be retiring from the university in June to concentrate on creative non-fiction writing with an emphasis in memoir, essay, travel and natural history.

Jianming Yu (2003)

Jianming is an Assistant Professor in Department of Agronomy at Kansas State University. He started this position in 2006 after completing post-doc training at Cornell University. His current research focuses on quantitative genetics and genomics with a principal focus on sorghum. His daughter, who was born during his time as a graduate student in the department, is starting kindergarten in the fall.

SEMINARS

Tuesday, April 8

MPGI, Dr. Francois Lutzoni, Duke University, Department of Biology, "Developing a lichen model system and a new scheme to assemble the tree of life," 2:30 PM, 105 Cargill Building.

Tuesday, April 8

PBS, Dr. Robin Chazdon, University of Connecticut, Department of Ecology and Evolutionary Biology, "Beyond deforestation: Secondary forest dynamics in Northeastern Costa Rica," 3:30 PM, 335 Borlaug Hall.

Wednesday, April 9

SPRING COLLOQUIA: BIOENERGY AND BIOFUELS, Dr. Paul Porter, Agronomy and Plant Genetics Department, "On-farm oilseed processing for use as a biofuel," and Dr. Paige Novak, Civil Engineering Department, "Unexpected environmental issues associated with biofuel use and production," 12 Noon, 105 Cargill Building.

Wednesday, April 9

HORTICULTURAL SCIENCE, Anna Katharine Mansfield, of the Horticultural Science Dept., "You can't do research on AOC wine: What the Minnesota wine industry has on Burgundy," 3:30 PM, 310 Alderman Hall. Please come and enjoy the lecture, as well as some fresh coffee.

Wednesday, April 9

BMBB, "Chemistry Through the Power of Genetic Selection," Dr. Donald Doyle, Georgia Institute of Technology, Atlanta, GA, 4:00 PM, 2-137 Jackson Hall, Minneapolis Campus.

PROJECT SEMINARS, 306 Borlaug Hall:

- Roger Becker, Friday, April 11, 12 noon, "Weed Management in Disturbed and Undisturbed Systems"
- Gregg Johnson, Friday, April 11, 12:45 PM, "Integrated Weed Management Strategies"
- Nick Jordan, Monday, April 14, 12 noon, "Managing Biodiverse Agroecosystems— Ecological and Social Dimensions"
- Bob Stupar, Monday, April 14, 12:45 PM, "Soybean Molecular Variation and Prospects for Improvement"
- Bev Durgan Wednesday, April 16, 12 noon, "Weed Management Strategies for Small Grain Production Systems"

Wednesday, April 16

SIXTH ANNUAL LARSON AND ALLMARAS LECTURE on Emerging Issues in Soil and Water, 2:00-4:30 pm, 335 Borlaug Hall. The focus of this year's lectures will be environmental indicators. Our speakers are Robin O'Malley, Program Director of the Environmental Reporting Program of The Heinz Center, and Bob Stewart, Director of the Dryland Agriculture Institute at West Texas A&M University.

POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

BUNGE NORTH AMERICA

Crop Scout, Research Analyst Intern. <http://www.bunge.com>

Agronomy Gleanings, April 17, 2008

4/17/2008 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; E-MAIL agro@umn.edu
WEB <http://agronomy.cfans.umn.edu/>
April 17, 2008

ANNOUNCEMENTS

SOUP LUNCH POTLUCK, Friday, April 18, 11:30 am-1:30 pm, 306 Borlaug Hall. Hosted by the Applied Plant Science Graduate Club. This is a fundraiser with all proceeds going to Second Harvest Food Bank. The cost will be \$5 if you do not bring a soup and free if you do bring one! Bread will be donated by Café Latte, desserts provided by the graduate students, and drinks provided by the APS Grad Club.

SHAPE UP CHALLENGE SPECIAL EVENT. Yoga demonstration by Lucinda Pepper, yoga teacher and massage therapist, 408 Hayes Hall, 12 Noon-1:00 PM, Tuesday, April 22. This will be a demonstration with our participation. Lucinda's website: <http://www.bhlbwellness.com>

APRIL SYNGENTA DEPARTMENTAL COFFEE, Friday, April 25, 9:30 AM, 306 Borlaug Hall. Hosted by the Phillips, Rines, and Stupar Labs.

RETIREMENT PARTY, "The Last Hurrah!" in honor of Steve Simmons, Friday, May 9, 2008, 306 Borlaug Hall. Open House and Ice Cream Social, 2:00-4:00 PM. Selected Comments, 3:00 PM. Please plan to join the celebration!

LOW TEMPERATURE LABORATORY FREEZER needs a new home. This freezer still runs, but can no longer maintain -20C without frosting over. Email Jen <jenflor@umn.edu> for more information.

35TH ANNUAL H.K. HAYES MEMORIAL LECTURE, Friday, April 25, 2008, "Gender and Diversity: Fast-tracking the Careers of African Women in Agricultural Science," by Vicki Wilde, Program Leader, Gender and Diversity Program CGIAR (Consultative Group for International Agricultural Research). Details below:

PREVIOUS H.K. HAYES STUDENT RECIPIENT FORUM:

Friday, April 25

1:30 - 2:30 p.m.

(306 Borlaug Hall)

Moderator: Steve Simmons

HAYES GRADUATE STUDENT AWARD:

Friday, April 25

3:00-3:30 p.m.

(105 Cargill Building for Microbial and Plant Genomics)

Recipient: Haiyan Jia

H.K. HAYES MEMORIAL LECTURE:

Friday, April 25

3:30-4:30 p.m.

(105 Cargill Building)

RECEPTION:

Friday, April 25

4:30-5:00 p.m.

(Atrium, Cargill Building)

SEMINARS

Monday, April 21

MONDAY BROWN BAG DISCUSSION, Rex Bernardo, "Agronomy and Plant Genetics: What's in a (Department) Name?," 12 noon, 306 Borlaug Hall.

Monday, April 21

APPLIED PLANT SCIENCES, Chris Currey, M.S. student in APS, "Florigen of Flogiston? The Story of a Mobile Flowering Signal," 3:30 PM, 306 BorH.

Monday, April 21

MPGI, Dr. Nancy Keller, Department of Plant Pathology, University Wisconsin, Madison, "The LaeA complex regulates development, secondary metabolism and virulence in *Aspergillus* spp," 3:30 pm, 105 Cargill Building for Microbial and Plant Genomics, St. Paul Campus.

Tuesday, April 22

AGRICULTURAL ISSUES ROUND TABLE SESSION, Four Points Sheraton Minneapolis, Steve Polasky, Fesler-Lampert Professor of Ecological/ Environmental Economics Department of Applied Economics and the Department of Ecology, Evolution and Behavior University of Minnesota. TOPIC: "Biofuels and the Environment," Registration 11:30 a.m. Lunch at noon, followed by program and discussion. Luncheon Fee \$30.00. Advance reservations are necessary. Please contact Sue Pohlod at 612-625-8779 or spohlod@umn.edu to reserve space. FOR COMPLETE DETAILS SEE:
http://www.apec.umn.edu/Twin_Cities_Agricultural_Issues_Round_Table.html

Tuesday, April 22

PBS, Dr. Tom Givnish, University of Wisconsin, Department of Botany, "Origin, adaptive radiation, and conservation of plant biodiversity," 3:30 PM, 335 Borlaug Hall.

Wednesday, April 23

MPGI, Bioenergy and Biofuels, Dr. Doug Tiffany, Applied Economics Department, "Profitable use of biomass at fuel ethanol plants," and Dr. Sue Gibson, Plant Biology Department, "Genetic manipulation of carbon partitioning in plants," 12 Noon, 105 Cargill Building for Microbial and Plant Genomics.

Wednesday, April 23

NATIONAL ACADEMY OF SCIENCES, Dr. Hugo Dooner, Professor, Dept of Plant Biology and Pathology, Waksman Institute for Microbiology, Rutgers University, "Genome structure variation and meiotic recombination in maize," 2:00 PM, 105 Cargill Building.

Wednesday, April 23

BMBB, "Proteomic Approaches for Elucidating Cellular Processes," Dr. Brian Chait, Rockefeller University, New York, NY, 4:00 PM, 2-137 Jackson Hall, Minneapolis Campus.

UPCOMING BROWN BAG DISCUSSIONS

12 Noon, 306 Borlaug Hall

- April 28, Jeff Gunsolus

"Extension REE Ties to Our Department"

- May 5, Vern Cardwell

"Integrating Systems Thinking into Undergrad Teaching"

- May 12, Don Wyse

"Multifunctional Agriculture Program/U of MN/ Monsanto"

- May 19, Paul Porter

"On-farm oilseed processing for use as a biofuel"

POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

UNIVERSITY OF MINNESOTA

Junior Scientist, North Central Research and Outreach Center, Grand Rapids, MN.

[https://employment.umn.edu/requisition # 154509](https://employment.umn.edu/requisition#154509)

UNIVERSITY OF MINNESOTA

Wildrice Pathology, Genetics, and Breeding Junior Scientist, North Central Research and Outreach Center, Grand Rapids, MN. Bachelor's degree in plant pathology or microbiology.

NORTH DAKOTA STATE UNIVERSITY

Weed Scientist, Assistant/Associate Professor, Weed Biology/Ecology, Department of

Plant Sciences, Fargo, ND. PhD in weed science or related plant science discipline.
Closing date: May 16, 2008.

USDA, APHIS, BRS

Two openings for Regulatory Biotechnologists, Biotechnology Regulatory Service of USDA APHIS, Colorado and North Carolina. These positions are part of a small team that manages the inspections of movements (import and interstate) and field releases of genetically engineered organisms by APHIS. There is one opening in each of the two regional offices listed below. These positions are at the GS 11/12 level. Closing date: April 28, 2008.

Raleigh, NC

[http://jobsearch.usajobs.gov/getjob.asp?JobID=70488076&AVSDM=2008%2D04%2D07+00%3A03%](http://jobsearch.usajobs.gov/getjob.asp?JobID=70488076&AVSDM=2008%2D04%2D07+00%3A03%3A01&Logo=0&jbf574=AG34&paygrademin=11&paygrademax=12&FedEmp=N&sort=rv&vw=d&ss=0&brd=3876&FedPub=Y&caller=/agency_search.asp&SUBMIT1.x=57&SUBMIT1.y=18)

[3A01&Logo=0&jbf574=AG34&paygrademin=11&paygrademax=12&FedEmp=N&sort=rv&vw=d&ss=0&brd=3876&FedPub=Y&caller=/agency_search.asp&SUBMIT1.x=57&SUBMIT1.y=18](http://jobsearch.usajobs.gov/getjob.asp?JobID=70488076&AVSDM=2008%2D04%2D07+00%3A03%3A01&Logo=0&jbf574=AG34&paygrademin=11&paygrademax=12&FedEmp=N&sort=rv&vw=d&ss=0&brd=3876&FedPub=Y&caller=/agency_search.asp&SUBMIT1.x=57&SUBMIT1.y=18)

Ft. Collins, CO

[http://jobsearch.usajobs.gov/getjob.asp?JobID=70488398&AVSDM=2008%2D04%2D07+00%3A03%](http://jobsearch.usajobs.gov/getjob.asp?JobID=70488398&AVSDM=2008%2D04%2D07+00%3A03%3A01&Logo=0&jbf574=AG34&paygrademin=11&paygrademax=12&FedEmp=N&sort=rv&vw=d&ss=0&brd=3876&FedPub=Y&caller=/agency_search.asp&SUBMIT1.x=57&SUBMIT1.y=18)

[3A01&Logo=0&jbf574=AG34&paygrademin=11&paygrademax=12&FedEmp=N&sort=rv&vw=d&ss=0&brd=3876&FedPub=Y&caller=/agency_search.asp&SUBMIT1.x=57&SUBMIT1.y=18](http://jobsearch.usajobs.gov/getjob.asp?JobID=70488398&AVSDM=2008%2D04%2D07+00%3A03%3A01&Logo=0&jbf574=AG34&paygrademin=11&paygrademax=12&FedEmp=N&sort=rv&vw=d&ss=0&brd=3876&FedPub=Y&caller=/agency_search.asp&SUBMIT1.x=57&SUBMIT1.y=18)

Agronomy Gleanings, April 30, 2008

4/30/2008 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; E-MAIL agro@umn.edu
WEB <http://agronomy.cfans.umn.edu/>
April 30, 2008

ANNOUNCEMENTS

SHAPE UP CHALLENGE. The winners of the drawing for week 2 were Jeff Roessler (\$20 gift card to Panera Bread) and Rob Proulx (\$20 gift card to Applebees). Congratulations!

SHAPE UP CHALLENGE COOKING DEMO. We will have a healthy cooking demonstration on Thursday, May 1, 12 Noon, 408 Hayes Hall. Jenny Breen will prepare spring greens with miso dressing and toasted almonds and wild mushroom and barley stroganoff. Jenny is a professional chef, teaches cooking classes using locally grown whole foods, runs a catering company and is the author of a cookbook, Taste of the Good Life.

BIRTH ANNOUNCEMENT. Wesley Phillip Fuller was born to Kate Seager and Andy Fuller on April 24, weighing 8 pounds, 6 ounces and 20 inches long. Both Mom and Baby are doing well.

CONDOLENCES. Dr. Herbert Johnson's wife, Lois, passed away April 14 from leukemia. Dr. Johnson retired as Head of the Department of Agronomy and Plant Genetics in 1984. Cards may be sent to: Dr. H.W. Johnson, 10015 W Royal Oak Road, Apt 180, Sun City, AZ 85351-3116.

RETIREMENT PARTY, "The Last Hurrah!" in honor of Steve Simmons, Friday, May 9, 2008, 306 Borlaug Hall. Open House and Ice Cream Social, 2:00-4:00 PM. Selected Comments, 3:00 PM. Please plan to join the celebration!

THE GOPHER CROPS AND SOILS SPRING TUDENT/FACULTY/STAFF BBQ will be held Tuesday, May 6, 11:30-1:00 on the Patio (3rd floor Borlaug Hall). \$4.00 for non-members. Graduating seniors will be recognized at the event.

NEW GOPHER CROPS AND SOILS CLUB OFFICERS ELECTED FOR 2008-2009:

- President-Todd Selvik-AIM major from Waseca, MN
- Vice-president-Andy Otto-AIM major from Princeton, IL
- Secretary-Mark Huneke-An Sci major from Goodhue, MN
- Treasurer-Dan Roberts-Ag Food Business major from Madelia, MN

- Student Board Representative-Jessica Bubert-APS major from Roscoe, IL

MCIA ANNOUNCES THE APPOINTMENT OF BEN LANG AS ITS NEW PRESIDENT/CEO effective June 1, 2008. Ben will take over upon retirement of Dr. Gary Beil, who has served as the association's President/CEO since January 1, 1995.

THE PHILIP M. RAUP LECTURE on Land and Environmental Policy, "Ecosystem Services: A New or Old Paradigm within Environmental Economics?," Prof. Kathleen Segerson, University of Connecticut, Thursday, May 1, 3:00 PM, Cargill Building for Microbial and Plant Genomics. <http://www.apec.umn.edu/RaupLecture08.html>

10th ANNUAL BOLLUM SYMPOSIUM, "Circadian Clocks," Wednesday, May 7, 1:00-5:00 PM, The Coffman Theater, Coffman Memorial Union, Minneapolis Campus. Hosted by the Department of Biochemistry, Molecular Biology and Biophysics.

SEMINARS

Thursday, May 1

BIOTECHNOLOGY INSTITUTE, Andreas Bommarius, Georgia Institute of Technology, "Biocatalyst Improvement through Data-Driven Protein Engineering," 3:30 PM, 239 Gortner Lab.

Thursday, May 1

PBS, Dr. David Weiss, The Hebrew University of Jerusalem, "O-GlcNAcylation and hormone signaling in Arabidopsis," 3:30 PM, 335 Borlaug Hall.

Friday, May 2

WORLD FOOD PRIZE, Ambassador Kenneth Quinn, President, World Food Prize Foundation, Former U.S. Ambassador to the Kingdom of Cambodia, "The Nobel Prize for Agriculture Established by Norman Borlaug," 11:00am-12:00pm, 105 Cargill Building. Learn about the World Food Prize, the Borlaug Dialog, the associated Youth Institute, and the new Hall of Laureates.

Monday, May 5

BROWN BAG DISCUSSION, Vern Cardwell, "Integrating Systems Thinking into Undergrad Teaching," 12 Noon, 306 Borlaug Hall.

Monday, May 5

APPLIED PLANT SCIENCES: Ph.D. Thesis Proposal Seminar, "DNA marker-based genetic value predictions and associations for agronomic and stover quality traits in corn," Robenzon E. Lorenzana, Ph.D. Candidate, 3:30 pm, 306 Borlaug Hall.

Tuesday, May 6

MPGI Seminar Series, Dr. Sarah Watkinson, Department of Plant Sciences, University of Oxford, "Fungal networks, nitrogen metabolism and wood decay," 3:30 PM, 105

Cargill Building.

Wednesday, May 7

MPGI Colloquia, Bioenergy and Biofuels, Dr. Roger Ruan, Applied Economics; Dr. Ronald Phillips, Regents Professor, Agronomy and Plant Genetics; Dr. Doug Tiffany, Applied Economics, "Dual renewable biofuels from high oil corn"; and Dr. Claudia Schmidt-Dannert, Biochemistry, Molecular Biology and Biophysics Department, "Fitting microbial cells with new metabolic abilities", 12:00 Noon, 105 Cargill Building.

UPCOMING BROWN BAG DISCUSSIONS

12 Noon, 306 Borlaug Hall

- May 12, Don Wyse

"Multifunctional Agriculture Program/U of MN/ Monsanto"

- May 19, Paul Porter

"On-farm oilseed processing for use as a biofuel"

POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

MINNESOTA CROP IMPROVEMENT ASSOC.

Field Supervisor position in Southern Minnesota - Minnesota Crop Improvement Association (MCIA) is seeking qualified candidates to supervise delivery of its field services in a designated territory in southern Minnesota. Individual will be responsible for inspections, audits and related activities in support of MCIA's certification and other quality assurance programs. Contact Cindy Wippler at 612-625-7766 for more information.

NEW MEXICO STATE UNIVERSITY

Assistant Professor: Sustainable Crop Production, Department of Plant and Environmental Sciences, Las Cruces, New Mexico. PhD in Agronomy, Horticulture, Crop Science, Soil Science or a closely related discipline with background and experience in one or more of the following areas: crop production, crop physiology, precision farming, agroecology, irrigated agriculture or sustainable agriculture. Closing date: June 15, 2008.

ECOAGRICULTURE PARTNERS

Two positions: A Communications and Outreach Manager: <http://www.ecoagriculture.org/employment.php?id=85>

and a Director of Finance:

<http://www.ecoagriculture.org/employment.php?id=86> Closing date: May 11, 2008.

NORTH DAKOTA STATE UNIVERSITY

Area Extension Specialist/Cropping Systems in Minot, North Dakota. Master's degree in crop and weed science or closely related discipline. Screening begins: May 16, 2008.

<http://www.ndsu.edu/ndsu/jobs>

USDA-CSREES

National Program Leader, Animal Production Systems, Washington, DC, Metro Area.
Closing date: May 21, 2008. <http://jobsearch.usajobs.opm.gov/a9csrees.asp>

SOUTH DAKOTA STATE UNIVERSITY

Soils/Crops Agricultural Systems, Plant Science Department, Brookings, SD.
<https://yourfuture.sdbor.edu/applicants/jsp/shared/frameset/Frameset.jsp?time=1209143757658>

SEDONA AG

Seed Specialist/Seed Sales Lead, a large retailer, Progressive Ag, located in Southeastern Minnesota.

THIRD WAVE TECHNOLOGIES

R&D (Associate) Scientist - Agbio, Madison, WI. BS in a life science, molecular biology preferred.
<http://www.twt.com>

Agronomy Gleanings, May 14, 2008

5/14/2008 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; E-MAIL agro@umn.edu
WEB <http://agronomy.cfans.umn.edu/>

May 14, 2008

ANNOUNCEMENTS

MEMORIAL DAY OBSERVED, Monday, May 26, 2008. University offices will be closed.

MAY SYNGENTA DEPARTMENTAL COFFEE, Wednesday, May 21, 9:30 AM, Room 140 Plant Growth Facility, Gortner Avenue. Hosted by the Growth Facilities Staff. Come visit the new Plant Growth Facility!

SHAPE UP CHALLENGE drawing winners for week 4 were Ginger Walker and Eduardo Germano.

SHAPE UP CHALLENGE FINALE LUNCH, Thursday, May 22, noon in 306 Borlaug Hall. Final prizes will be awarded at the finale lunch - U of M Bookstore gift cards - 2 for \$50, 3 for \$25, 5 for \$10 - plus a drawing for 1 team from the top 5 teams for a team lunch.

CONGRATULATIONS TO VERN CARDWELL, one of this year's awardees of the Little Red Oil Can Award! Details about the award can be found at: http://www.cfans.umn.edu/Little_Red_Oil_Can_Award2.html

APPLIED PLANT SCIENCES GRADUATE STUDENT ASSOCIATION COOKOUT, Friday, May 16, 4:00 PM, Borlaug Hall patio. Rain location: 306 Borlaug Hall. The grad club will provide food and beverage...you provide the camaraderie and conversation!

2008 SUMMER FIELD DAYS:

June 17, SROC-Waseca

July 8, SWROC- Lamberton

July 11, WCROC-Morris

July 17, NWROC-Crookston

8TH INTERNATIONAL OAT CONFERENCE, June 28-July 2, 2008, Minneapolis, Minn. Most of the last day, July 2, will be spent on the St. Paul Campus. Details: <http://www.radisson.com/ioc>

VISIT BY CFANS ALUM. Mark Seetin, B.S. (1974) & M.S. (1976) from the Department of Agronomy and Plant Genetics, was the keynote speaker at the 2008 CFANS

Commencement Ceremony on Sunday, May 11. He is currently Senior Vice President for Government Affairs for the American Stock Exchange (Amex). Past positions include Vice President of Government Affairs for the New York Mercantile Exchange (NYMEX) (member of the 911 disaster recovery team and worked as the Washington D.C. liaison with the White House, FEMA and the Department of Energy as well as New York State and city emergency agencies working to restore trading on the Exchange), MN Commissioner of Agriculture, 1979-1983.

SEMINARS

Thursday, May 15

Applied Plant Sciences, M.S. Defense, "Assessing turf stress with remote sensing technology," Aaron Johnsen, 8:30 AM, 310 Alderman Hall.

Thursday, May 15

BIOTECHNOLOGY INSTITUTE, John Helmann, Cornell University, "Bacterial Adaptations to Metal Ion Limitation," 3:30 PM, 239 Gortner Lab.

Monday, May 19

BROWN BAG DISCUSSION, Paul Porter, "On-farm oilseed processing for use as a biofuel," 12 Noon, 306 Borlaug Hall.

POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

UNIVERSITY OF MINNESOTA

The Offices of Human Resources and Associate Dean for Faculty in the College of Liberal Arts invite applications for a Human Resource Consultant and Personnel Specialist. The search committee will begin reviewing applications in mid-May, and the positions will be open until filled. The requisition number for the HR Consultant is 155195. The requisition number for the Personnel Specialist is 155258.

Agronomy Gleanings, June 3, 2008

6/3/2008 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; E-MAIL agro@umn.edu
WEB <http://agronomy.cfans.umn.edu/>
June 3, 2008

ANNOUNCEMENTS

BIRTH ANNOUNCEMENT. Catherine and Nathan Springer are the proud parents of a baby girl, Arwen Elizabeth, joining brothers Daniel and Zachary. Arwen was born May 15, weighed 7 pounds 1 ounce and was 19.5 inches long. She is healthy and beautiful, and mother and baby are both doing well.

THE MINNESOTA INSTITUTE FOR SUSTAINABLE AGRICULTURE IS SEEKING BOARD MEMBERS. For more information about serving on the Board of Directors, see the MISA web site: <http://www.misa.umn.edu>

GREG CUOMO HAS BEEN NAMED CFANS Associate Dean for Extension effective June 9. In his new role, Cuomo will lead Extension programs related to food, agriculture and natural resource sciences, assuring that interdisciplinary programs are targeted to the public's critical issues. He'll also lead efforts to internationalize Extension programs and faculty and will be responsible for CFANS capital planning and initiatives.

FREE 1-DAY PASSES TO THE U OF M GYM. Help yourself in 411 Borlaug Hall. Passes expire June 30, 2008

2008 SUMMER FIELD DAYS:

Tuesday, June 17, SROC-Waseca
Tuesday, July 8, SWROC- Lambertton
Friday, July 11, WCROC-Morris
Thursday, July 17, NWROC-Crookston

SEMINARS

Wednesday, June 4
APPLIED PLANT SCIENCES, PhD Defense, "Nitrogen Fertilization of Hybrid Hazelnuts in the Upper Midwest," Lois Braun, 1:00 p.m., Room 310 Alderman Hall. Hazelnut cookies will be served.

POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

UNIVERSITY OF WISCONSIN-RIVER FALLS

Laboratory Manager, Department of Biology. B.S. in Biology, Biochemistry, or related area. Closing date: June 9, 2008.

UNIVERSITY OF NEBRASKA-LINCOLN

Nutrient Management Specialist, Assistant Professor, West Central Research and Extension Center, North Platte, Nebraska. PhD degree in soil science, agronomy, or a closely related discipline. Closing date: June 23, 2008.

<http://employment.unl.edu> , requisition # 080379.

UNIVERSITY OF CALIFORNIA COOPERATIVE EXTENSION

Agriculture and Environmental Issues Advisor, Lancaster, CA. A minimum of a Master's Degree in an agricultural field is required. Closing date: June 13, 2008. <http://ccsr.ucdavis.edu/>

Agronomy Gleanings, June 30, 2008

6/30/2008 8:00 AM

AGRONOMY GLEANINGS

Department of Agronomy and Plant Genetics, University of Minnesota
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PHONE (612) 625-7773; FAX (612) 625-1268; E-MAIL agro@umn.edu
WEB <http://agronomy.cfans.umn.edu/>
June 30, 2008

ANNOUNCEMENTS

UNIVERSITY HOLIDAY, Friday, July 4, 2008, Independence Day. University offices will be closed.

RETIREMENT PARTY honoring Suzanne Livingston, Friday, July 18, 2:00-4:00 PM, 306 Borlaug Hall.

THANKS to the many in the department who sent birthday greetings. I received lots of greetings from various places. I was deeply touched when I got a card or two from department colleagues. How very special that they should remember my birthday, I thought. How could they possibly know I was having a birthday? Then one day there was a bunch of cards in the mailbox and emails on my computer. Marty then admitted that she had been busy spreading the word. She also admitted to having recruited Don and Carol Rasmusson to lean on campus folk. Knowing this, I was no longer quite so deeply touched, but was still greatly pleased and appreciative of having so many friends. Thanks so much, Bob Andersen

SOIL, WATER AND CLIMATE RETIREMENT COFFEE. Please join in a departmental coffee honoring Jim Anderson, Professor of Soil, Water, and Climate and Co-Director of the Water Resources Center. Jim is retiring next week after 30 years of service to the University of Minnesota and the citizens of the state. The coffee will be held at 9:30 am on Tuesday, 1 July, in 375 Borlaug Hall.

THE DEPARTMENT OF BIOPRODUCTS AND BIOSYSTEMS ENGINEERING invites you to join them to celebrate their friend and colleague John Shutske as he steps down as Professor and extension agricultural safety and health specialist after 17+ years in the department to become Associate Dean for agriculture and natural resources extension in the UW-Madison College of Agricultural and Life Sciences and UW-Extension program director for agricultural and natural resources. THURSDAY, JULY 10, 3:00 - 5:00 p.m., 106 Biosystems and Agricultural Engineering Building 1390 Eckles Avenue, St. Paul Campus. Please join this informal reception; feel free to share a story or give a toast.

HENNEPIN COUNTY SERVICE CENTER is now located at Coffman Union, ground level, and is open Mondays and Wednesdays, 10 a.m.-2 p.m. The center provides a range of services, from vehicle registration to hunting, fishing, and marriage licenses, to birth and death certificates. For more information, see <http://www.hennepin.us/portal/site/HCInternet> or call 612-348-8240.

OFFICE OF INTERNATIONAL PROGRAMS (OIP) has moved. New address: 100 University International Center, 331 17th Avenue SE, East Bank, Minneapolis Campus.

APS GRAD OFFICERS FOR 2008-09

President – Brian Seda (sedax003@umn.edu)

Vice-President – Mikey Kantar (kant0063@umn.edu)

Secretary – Jennifer Flynn (flynn127@umn.edu)

Treasurer – Summer Kluck (kluc0023@umn.edu)

COGS Rep – Summer Kluck (kluc0023@umn.edu)

TRACK REPS:

Agroecology – Maggie Mangen (mang0106@umn.edu)

Plant Breeding – Jon Massman (massm016@umn.edu)

Horticulture – Chris Currey (curr0112@umn.edu)

General – Seth Fore (fore0046@umn.edu)

Social Committee - Veronica Justen (vljusten@umn.edu) and Jennifer Flynn (flynn127@umn.edu)

SEMINARS

Wednesday, July 2

APPLIED PLANT SCIENCES, Ph.D. Defense, Charlie Rohwer, "Jasmonate-induced defense against *Tetranychus urticae* in greenhouse crops," 9:00 AM, 310 Alderman Hall.

POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

NORTH DAKOTA STATE UNIVERSITY

Research Specialist, North Central Research Extension Center, Minot, ND. B.S. degree in an agricultural discipline. Closing date: July 11, 2008.

<http://www.ndsu.edu/jobs/broadbanded/index.shtml>

NORTH DAKOTA STATE UNIVERSITY

Assistant Pulse Crop Breeder, North Central Research Extension Center, Minot, ND. B.S. in agronomy or closely related discipline. Screening to begin: June 23, 2008.

<http://www.ndsu.edu/jobs/broadbanded/index.shtml>

Agronomy Gleanings, July 15, 2008

7/15/2008 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; E-MAIL agro@umn.edu
WEB <http://agronomy.cfans.umn.edu/>
July 15, 2008

ANNOUNCEMENTS

A RETIREMENT PARTY for Suzanne Livingston will be held on Friday, July 18, from 2:00-4:00 p.m. in 306 Borlaug Hall. Suzanne has spent 25 years on the St. Paul Campus, first as a laboratory technician for 17 years and then as Associate Administrator for the Cargill Building for 8 years. She has been a significant asset to us all via her expertise and great people skills. Please join us for ice cream and to learn more about her interest in birds.

OUR CONDOLENCES to Doug Swanson on the loss of his mother. She passed away on June 25.

OLYMPIC TRIALS. Dr. Don Rasmusson's granddaughter, Rachel Bootsma, 14-years-old, in the 8th grade at Eden Prairie High School, just returned from the Olympic Trials for swimming held in Omaha, NE. Rachel placed 35 out of 122 swimmers competing in the backstroke (only 4 of these were Rachel's age). The two U.S. women swimmers that were selected to compete in the Olympics broke the world record in the backstroke so Rachel had some tough competition. Rachel holds 12 state records in different swimming strokes. Dr. Rasmusson said that most of her athletic ability comes from her grandfather who used to do a mean dog paddle. You can read more about Rachel at <http://wcco.com/local/olympic.trials.swimming.2.760203.html> and here: <http://www.mnsun.com/articles/2008/04/20/sports/ds17youthswim.txt> Rachel's sister, Katie Bootsma, is also a record-breaking swimmer.

CORNERCOPIA'S central market stand for veggies and eggs is located at 125 Coffey Hall, Fridays from noon to 1:30 PM, and continuing at this time and location throughout the summer. Produce and eggs will be available on a first come, first served basis.

SEMINARS

None this week.

POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

None this week.

Agronomy Gleanings, July 25, 2008

7/25/2008 8:00 AM

AGRONOMY GLEANINGS

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WEB <http://agronomy.cfans.umn.edu/>
July 25, 2008

ANNOUNCEMENTS

OBITUARY. Geadelmann, Jon L., Ph.D., Plant Breeder, age 64, of Roseville & Merrifield, passed away suddenly on July 14, 2008. Preceded in death by parents, Walter & Eleanor. Survived by loving wife of 44 years, Lynn; son, Kirk (Kelly); daughter, Tracy (Judd) Olson; grandchildren, Jack (8) & Luke (5) Geadelmann and Dylan (5), Peyton (3) and Henry (1) Olson; sister, Karen (Dave) Page; many other relatives and friends. Born 1944 in Anamosa, Iowa. Lived and worked on the family farm in Clarence, Iowa during his childhood. Earned bachelor's degree and Ph.D. in Plant Breeding from Iowa State University in 1966. Professor of Corn Plant Breeding program at University of Minnesota for 15 years. Employed by Holden's Foundation Seeds as Plant Breeder until his retirement in 2001. Humble recipient of many academic and professional awards and honors, including 1999 NCCPB Genetics and Plant Breeding Award for Industry. Served on numerous professional committees and publications including associate editor of Crop Science. One of Jon's greatest professional joys and accomplishments included working with and helping to train the many graduate students during his tenure at the University of Minnesota. Spent time during retirement with family and friends at his beloved northern Minnesota cabin on Horseshoe Lake and his home in Roseville. His grandsons will especially miss the many creative toys and inventions he produced during his retirement years. His dedication to serving others, his integrity and his dry sense of humor will be greatly missed. Funeral service was Saturday, July 19, at Centennial United Methodist Church, Roseville, MN.

A MEMORIAL (SCHOLARSHIP) IN HONOR OF JON L. GEADELMANN PhD is being established at the University of Minnesota. Memorials may be sent to: University of Minnesota Foundation, 235 Skok Hall, 2003 Upper Buford Circle, St. Paul, MN 55018. Please make checks payable to: University of Minnesota Foundation (add in memory of Jon L. Geadelmann PhD).

ANNOUNCING THE CFANS GRADUATE STUDENT ORIENTATION WELCOME EVENT to be held on Thursday, August 28, 2008, from 1:00 p.m.-3:00 p.m., Cargill Building. Graduate students who entered the Graduate School during Spring 2008, Summer 2008, or Fall 2009 are encouraged to participate. Speakers from key offices will be presenting information critical to students as they begin their academic career. Directly after the orientation, students are invited to stay for an ice-cream social. Please

have students RSVP to Lisa Wiley at lwiley@umn.edu or 612-624-2748.

DR. VERN CARDWELL was inducted into the 2008 Minnesota FFA Hall of Fame in recognition of his support of FFA and Agricultural Education. <http://www.ffa.umn.edu>

HELLO FROM BILL BRUN. Margaret and I are doing fine, but getting older. I am heading out for a trip to Norway and Denmark next week; we are both enjoying life and in reasonably good health (for my part mostly because I have completed nearly 2,500 miles in the pool since 1995). My 3 kids and 6 grandchildren (ages 19 and up) are a great source of joy. Say hello to anyone there who remembers me. Best wishes, Bill

BIRTH ANNOUNCEMENT. Keith and Barb Henjum wish to announce the arrival of their first grandchild, Dylan Gregory Henjum, born to Erik and Lisa (River Falls, WI), Friday, July 18, 4:40 AM. Dylan weighed 7 lb 1 oz, 21 in. long, with lots of dark hair.

DR. DAVID SOMERS, director of the Monsanto Agracetus Campus in Middleton, WI, will serve as the new editor of The Plant Genome. For more information about the journal, see <http://plantgenome.scijournals.org>

SEMINARS

Monday, August 18

SOIL, WATER, AND CLIMATE SPECIAL SEMINAR, Daniel W. McDonald, President, Phenotype Screening Corporation, will present "Non-Destructive Root Imaging for Next Generation Research," 375 Borlaug Hall, 2:00 pm.

POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

IOWA STATE UNIVERSITY

Teaching Lab Coordinator, Agronomy Department, Ames, IA. Master of Science degree in Agronomy or closely related field and one year of teaching lab support experience. Closing date: July 29, 2008.

BUSTING BICYCLING MYTHS FOR A SAFER RIDE THIS SUMMER

MYTH: Bikes must use the right lane on the road.

FACT: Cyclists are required to stay to the right in most cases, but may ride in the lane that is appropriate to their destination. That means bikes may use the left lane to turn left, to pass, and to avoid road hazards or parked cars.

MYTH: Bikes don't have to stop for traffic lights or stop signs.

FACT: Cyclists are responsible for following all traffic laws on the road and on trails, including signaling for turns, stopping for lights and stop signs, using headlights and

rear reflectors, and yielding to pedestrians at corners and crosswalks.

MYTH: Cars have the right of way at crossings.

FACT: Both drivers and cyclists are required to follow all signs and pavement markings at each trail crossing. Cars have to stop for a bicyclist or pedestrian in a trail crossing.

MYTH: Bicyclists have to ride in the bike lane, or on a trail when provided.

FACT: Cyclists do not have to ride in a bike lane if it is not safe due to surface hazards and parked cars. Cyclists also do not have to ride on trails. Most Minneapolis trails have a speed limit of 10 mph. As a result, many bicyclists who want to travel faster use the road.

MYTH: Cars can drive as close as possible to a bike lane without entering it.

FACT: Passing cars must provide a minimum of three feet clearance from a bike at all times even when a bicyclist is in a designated bike lane.

MYTH: Bikes must use the street.

FACT: Cyclists may ride on sidewalks except in business districts or where posted. Studies have shown that it is often safer to ride on the street.

MYTH: Bikes and pedestrians don't mix.

FACT: It's easy for cyclists and pedestrians to share trails and sidewalks when everyone is respectful. Cyclists should slow down when passing pedestrians. Bicyclists, be sure to give a polite warning and pass on the left with as much clearance as possible. Pedestrians should stay or move to the right when being passed or use a designated pedestrian path when available.

http://www.ci.minneapolis.mn.us/news/20080715BikeSafety_myths.asp

Agronomy Gleanings, August 1, 2008

8/1/2008 8:00 AM

AGRONOMY GLEANINGS

Department of Agronomy and Plant Genetics, University of Minnesota
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PHONE (612) 625-7773; FAX (612) 625-1268; E-MAIL agro@umn.edu
WEB <http://agronomy.cfans.umn.edu/>
August 1, 2008

ANNOUNCEMENTS

ANNUAL AGRONOMY CORN FEED, Thursday, August 7, 12 Noon, 306 Borlaug Hall.
Cost: \$3.00. Hotdogs, cucumbers, tomatoes, lemonade, and all the corn you can eat.

THANK YOU FROM SUZANNE LIVINGSTON. Dear Friends, Thank you so very much for the lovely retirement party you threw for me...the decorations, the food--perfect! It was a happy/sad occasion for me...I'm excited to start a new chapter in life, but I hate goodbyes! So I'll just say "au revoir," because I'll come back to visit. I've already started reading the Alaskan birding guide, and I love gazing at my humming bird plate. And you know I'll get great use out of the Visa credit card--we're investigating a GPS unit we can use in our boat and on canoe trips. Thank you again for your kindness and support over the last 25 years. I've been very lucky, indeed, to spend my career in the company of those I like and respect. Very best wishes, Suzanne

THE U WILL BE AT THE MINNESOTA STATE FAIR Aug. 21-Sept. 1, showcasing its work around the state and how that work impacts and improves lives. Volunteers are needed daily during three available shifts: 9:30-11:30 a.m., 1:30-3:30 p.m., and 5:30-7:30 p.m. Each volunteer will receive one admission ticket and a Tejas coupon for a burrito and a small drink. Contact Jessica Mooney <moone011@umn.edu> to volunteer.

HAZARDOUS WASTE DISPOSAL TRAINING SEMINAR, Tuesday, August 12 from 9:00-10:30 AM in room 140 Plant Growth Facility. Any questions, contact Mike McClellan at 4-5395.

ALUMNI UPDATE FROM ANDREW J. MCCULLOUGH. I was on the department website today and it brought back a lot of memories. Much is different from my time in the department, but enough remains the same for it to still be very familiar to me. I am writing to say hello and update my information for your alumni data base. I received my PhD from the department in 1989 working with Dr. Gengenbach. I am currently the Administrator of the Pharmacology Department at Baylor College of Medicine in Houston, Texas. My wife Polly and I have been in Houston for about 14 years. She is a computer programmer in Houston.

My best to everyone in the department. I have great memories of that place and a

tremendous amount of respect for it. Best, Andy

THE SOUTHERN RESEARCH AND OUTREACH CENTER (SROC) will hold its Seventh Annual University of Minnesota Open House at its Waseca location Sept. 11. The theme, "Ag for the 21st Century: Striking a Balance," will illustrate how agriculture is leading the way toward enhancing economic, ecological, and social value in the rural community. Open-house hours are 4-8 p.m., with a picnic supper from 4:30-7 p.m. SROC is located at 35838 120th Street, Waseca, MN 56093. For more information, contact Jeanette Williams <willi098@umn.edu>

SEMINARS

Monday, August 18

SOIL, WATER, AND CLIMATE SPECIAL SEMINAR, Daniel W. McDonald, President, Phenotype Screening Corporation, will present "Non-Destructive Root Imaging for Next Generation Research," 375 Borlaug Hall, 2:00 pm.

POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

None this week.

Agronomy Gleanings, August 28, 2008

8/28/2008 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; E-MAIL agro@umn.edu
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August 28, 2008

ANNOUNCEMENTS

LABOR DAY HOLIDAY, Monday, September 1, 2008. University offices will be closed.

UNIVERSITY OF MINNESOTA OUTSTANDING ACHIEVEMENT AWARD. Please join us for a reception celebrating Dean Oestreich, a distinguished College of Food, Agricultural and Natural Resource Sciences alumnus, who recently received the Outstanding Achievement Award, the highest nondegree award conferred upon distinguished alumni by the University of Minnesota.

Thursday, September 18, 2008

3:30 p.m. Reception

4:00 p.m. Award Presentation

Cargill Building, 1500 Gortner Avenue, St. Paul Campus.

Please RSVP by Monday, September 15 at <http://www.cfans.umn.edu/oaarsvp> or Jean Swanson at 612-625-2740.

A BRIEF BIOGRAPHY OF DEAN OESTREICH. It is no mere coincidence that Dean C. Oestreich's rise through the ranks to become Chairman of Pioneer Hi-Bred International occurred simultaneously with the company's emergence as a world leader in developing and supplying plant genetics. Since earning his Bachelor of Science degree in Agronomy (1974) from the University of Minnesota, Oestreich has demonstrated a commitment to quality, a phenomenal work ethic, and a compassionate and philanthropic style of leadership. Oestreich's abilities as a plant breeder led to the patenting of an inbred corn line that is the genetic basis for 15 commercial hybrids. Later in his career, Oestreich helped open doors around the world for Pioneer's success in emerging markets. As President and now Chairman, Oestreich helped guide Pioneer through several strategic moves that pushed its seed sales outside of North America beyond the \$1 billion mark.

CFANS GRADUATE STUDENT ORIENTATION, Thursday, August 28, 1:00-3:00 PM, 335 Borlaug with an ice cream social directly after.

UNIVERSITY OF MINNESOTA OUTSTANDING ACHIEVEMENT AWARD. Reception and Awards Ceremony honoring Robert E. Lyons, MS (1979) and PhD (1981) Horticultural Science, Wednesday, September 3, 2008, 3:00-5:00 PM, 105 Cargill

Building. Please RSVP by August 28 to Tom Boyle, 612-624-4742 or boyl0074@umn.edu.

UNIVERSITY STORES WILL HOST ITS 23rd ANNUAL OPEN HOUSE, Wednesday, September 10, 10:00 AM - 2:00 PM, Radisson University Hotel, 615 Washington Ave. Lunch served 11:00 AM – 1:00 PM. More than 50 vendors and U departments will be showcasing their products and services, available either through University Stores or U-Wide Contracts.

SEMINARS

None this week.

POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

NEW YORK UNIVERSITY

Assistant Professor/Faculty Fellow, Environmental Studies Program and Center for Bioethics, Arts and Sciences. The appointment will be for one year beginning September 1, 2009, renewable annually for a maximum of three years, pending administrative and budgetary approval. Applicants must either expect to receive their Ph.D. by Fall 2009 or have received it within five years of that date. Closing date: December 15, 2008.

PURDUE UNIVERSITY

Soybean Extension Specialist, Assistant/Associate Professor, Department of Agronomy, West Lafayette, Indiana. PhD degree in Crop Science, Agronomy, or related sciences. Screening date begins October 1, 2008.

NORTH DAKOTA STATE UNIVERSITY

Research Specialist, North Central Research Extension Center, Minot, ND. B.S. degree in an agricultural, biological, or related discipline or M.S. in agronomy. Screening date: September 8, 2008.

NORTHEAST TEXAS COMMUNITY COLLEGE

Faculty member in Sustainable Agriculture, Mount Pleasant, Texas. Master's degree with 18 graduate hours in agriculture, with interest in sustainable agriculture. Closing date: September 15, 2008.

Agronomy Gleanings, September 12, 2008

9/12/2008 8:00 AM

AGRONOMY GLEANINGS

Department of Agronomy and Plant Genetics, University of Minnesota
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PHONE (612) 625-7773; FAX (612) 625-1268; E-MAIL agro@umn.edu
WEB <http://agronomy.cfans.umn.edu/>
September 12, 2008

ANNOUNCEMENTS

UNIVERSITY OF MINNESOTA OUTSTANDING ACHIEVEMENT AWARD. Please join us for a reception celebrating Dean Oesterich, a distinguished College of Food, Agricultural and Natural Resource Sciences alumnus, who recently received the Outstanding Achievement Award, the highest nondegree award conferred upon distinguished alumni by the University of Minnesota. Schedule:

10:00-11:30 AM

Coffee and discussion with Faculty - 408 Hayes

12:00-1:10 PM

Lunch with Graduate Students - 408 Hayes

1:30-2:45 PM

Discussion with Undergraduates - 408 Hayes

3:30-5:00 PM

Reception and Awards Ceremony - 105 Cargill

Please RSVP for the Reception and Awards Ceremony by Monday, September 15 at <http://www.cfans.umn.edu/oaarsvp> or Jean Swanson at 612-625-2740.

CANCER WALK. Jeff Roessler's wife, Susan, will be doing the 3 day, 60 mile walk for breast cancer cure the weekend of September 19. She is looking for donations to sponsor her which will go towards breast cancer research. If interested in making a donation, please contact Jeff Roessler.

FAREWELL COFFEE for Bruno Poupard and Celine Dupuits, Wednesday, September 17, 3:30 p.m., 306 Borlaug Hall (following seminar at 2:30). Bruno has been a visiting scientist with Rex Bernardo for the past year. Celine Dupuits has been working in Kevin Smith's lab for the past year. They are now returning to France.

CFANS FALL BBQ. Attention all CFANS Students, Faculty and Staff!

What: CFANS Welcome Back Fall BBQ

When: Wednesday, September 17th

Time: 11:00 a.m. - 1:30 p.m.

Where: St. Paul Campus Mall

Bring your admission ticket to get your free food and qualify for door prizes.

THANK YOU from the Family of Jon Gadelmann. Our family wishes to thank you for the plant sent in honor of Jon. The beauty from plants and flowers touched our hearts and surrounded us with love. The Department of Agronomy and Plant Genetics at the University of Minnesota was special to Jon. It has been touching hearing memories from grad students. We met people from all over the world. It sounded like Jon set a good example for his students. All the University of Minnesota colleagues were important to Jon as he sought answers to questions and problems. Thank you for your unique friendship! Lynn Gadelmann, Kirk Gadelmann and family, and Tracy Olson and family

SEMINARS

Monday, September 15

APPLIED PLANT SCIENCES, "The Koda Energy Project: Growing a Multifunctional Fuelshed," Nick Jordan, Professor, 3:30 p.m., 306 Borlaug Hall.

Tuesday, September 16

PBS COLLOQUIUM SEMINAR, "Genetic and epigenetic variation for gene expression in maize inbreds," Dr. Nathan Springer, University of Minnesota, Department of Plant Biology, 3:30 PM, 335 Borlaug Hall. <http://cbs.umn.edu/labs/springer>

Wednesday, September 17

SPECIAL SEMINAR & FAREWELL COFFEE.

"Prediction of Genetic Value using Molecular Markers: Statistical Models vs Machine Learning," Bruno Poupard, Visiting Scientist, 2:30 p.m., 306 Borlaug Hall, followed by a Farewell Coffee at 3:30 p.m. for Bruno Poupard and Celine Dupuits.

Wednesday, September 17

BIOCHEMISTRY, MOLECULAR BIOLOGY & BIOPHYSICS, Dr. Paul Pilch, Boston University Medical Center, Boston, MA, "Adipocyte Caveolae and Lipid Metabolism," 2-137 Jackson Hall, Minneapolis Campus.

Thursday, September 25

NATIONAL ACADEMY OF SCIENCES, Dr. Richard Dixon, The Samuel Roberts Noble Foundation, "Biosynthesis and metabolic engineering of phenylpropanoid-derived components for plant quality trait enhancement," 2:00 PM, 105 Cargill Building.

POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

GREAT PLAINS INSTITUTE

Spiritwood Biomass Project Intern, Next Generation BioEnergy Program, Minneapolis, MN. Graduate student or upper level undergraduate. <http://www.gpisd.net>

UNION OF CONCERNED SCIENTISTS (UCS)

Climate and Agriculture Scientist, Food and Environment Program, Washington, D.C. Ph.D. degree in an agricultural or biological science, including expertise in agriculture, soils, climate gases, modeling, and a strong background in chemistry. Deadline: October 6, 2008. http://www.ucsusa.org/ucs/about/jobs-at-ucs.html#AgricultureClimate_Scientist.

WASHINGTON STATE UNIVERSITY

Director, Center for Sustaining Agriculture and Natural Resources, The College of Agricultural, Human, and Natural Resource Sciences (CAHNRS), and WSU Extension, Pullman, WA. Ph.D. in any discipline related to sustainable agriculture; including agricultural, social, food, natural resource, or environmental sciences. Screening will begin: October 3, 2008. http://csanr.wsu.edu/NOV_CSANR2008.pdf.

Agronomy Gleanings, September 25, 2008

9/25/2008 8:00 AM

AGRONOMY GLEANINGS

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WEB <http://agronomy.cfans.umn.edu/>
September 25, 2008

ANNOUNCEMENTS

2008 FRONTIERS IN APPLIED PLANT SCIENCE BORLAUG LECTURE, University of Minnesota, 105 Cargill Building, Tuesday, October 14, 3:00-4:00 PM.

Dr. Pedro Sanchez has made enormous contributions to reducing hunger and malnutrition throughout the developing world. Since receiving his doctorate from Cornell University in 1968, he has worked in Latin America, Asia, and Africa to restore fertility to some of the world's poorest and most degraded soils. He is currently the Director of the Tropical Agriculture and the Rural Environment Program, Senior Research Scholar, and Director of the Millennium Villages Project at the Earth Institute at Columbia University. Before arriving at Columbia University, Dr. Sanchez led scientific research efforts in Peru, Brazil, and Columbia and made direct contributions to increasing soil fertility and crop productivity. Between 1999 and 2001, Dr. Sanchez was the Director General of the International Center for Research in Agroforestry located in Kenya. He has received numerous honors for his work to alleviate poverty and improve ecological conditions in developing countries around the world. We are pleased to announce that the 2002 World Food Prize Laureate, Dr. Pedro Sanchez, will be at the University of Minnesota on October 14.

Dr. Sanchez will present a lecture on October 14 at 3:00 PM in the Cargill Building seminar room 105. There will be a reception for Dr. Sanchez in the Cargill Building Atrium following his lecture.

Dr. Sanchez will meet with Graduate students for an open discussion over lunch. We will meet in the Cargill Building seminar room 105 at 12:00 PM.

Please RSVP to Brain Seda (sedax003@umn.edu) by October 3 if you are planning to attend. We will provide lunch and would like to know how many students will participate. All graduate students are welcome!

If you are interested in meeting with Dr. Sanchez on October 14, please reserve a time between 10:00 AM-12:00 PM or 1:00-2:30 PM. Please indicate if this is a lab group or individual meeting. Contact Alex Kahler (kahl0041@umn.edu) or Katie Petersen Rock (pete5953@umn.edu). Please RSVP as soon as possible.

SYNGENTA COFFEES. The coffees will run from October through May 2009. All of the months are open. Please contact Jean Swanson (swans008@umn.edu) to volunteer.

DEPARTMENT OF BIOPRODUCTS AND BIOSYSTEMS ENGINEERING invites everyone to join them to celebrate and thank our friend and colleague Professor Phil Goodrich as he retires from the University of Minnesota after 38+ years in the department! Thursday, October 9, 3:30 – 5:30 p.m., Minnesota Commons, St. Paul Student Center, 2017 Buford Avenue, St. Paul, MN 55108. Please feel free to share a story or give a toast.

EMPLOYEE HEALTH & BENEFITS FAIR, Tuesday, November 11, 10 a.m. to 4:30 p.m., St. Paul Student Center, North Star Ballroom. This is also the time for you to get a flu shot and participate in other wellness activities.

16TH ANNUAL KUEHNAST LECTURE will be held Wednesday, November 5, 2008, at 3:00 PM in Room 335 Borlaug Hall, St. Paul Campus.
http://climate.umn.edu/doc/journal/kuehnast_lecture

SABBATICAL HOME RENTAL, approximately January 1st to July 1st, 2009, although exact dates are flexible. Perfect for visiting faculty on sabbatical or a temporary appointment. Beautiful 3-bedroom home one block from Cedar Lake in the desirable lakes area of SW Minneapolis. Living room, formal dining room, eat-in kitchen, large family room with HD-TV and high-speed Internet, 1.5 baths, large screened porch, deck, washer/dryer, two-car garage. On two bus lines, only 8 minutes from downtown Minneapolis and 12 minutes from the University. Rent: \$1700/month + utilities. If interested, contact Jean Swanson (5-2740).

SEMINARS

Monday, September 29

APPLIED PLANT SCIENCES - Theme: Sustainable Development of Multifunctional Landscapes, "Converting Kentucky Bluegrass to Low Maintenance Turfgrass Species," Matt Cavanaugh, M.S. student in APS, 3:30 p.m., 306 Borlaug Hall.

Wednesday, October 1

MPGI FALL COLLOQUIA, Bruce Witthuhn, Biochemistry, Molecular Biology and Biophysics, "Mass Spectrometry and Proteomics – How can it be used in your research?," and Lin Wang, Plant Biology, "Arabidopsis CBP60 proteins – links between salicylic acid and calcium signaling in plant defense response," 12:00 PM, 105 Cargill Building.

Wednesday, October 1

BIOCHEMISTRY, MOLECULAR BIOLOGY & BIOPHYSICS, Dr. Anthony Schwacha, University of Pittsburgh, Pittsburgh, PA, "Mcm2-7: A Complicated Helicase," 4:00 PM, 2-137 Jackson Hall.

POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

MINNESOTA DEPARTMENT OF NATURAL RESOURCES

Short-term position to assist with GIS change-analysis and data entry as part of a long-term prairie monitoring project. Division of Ecological Resources, St. Paul, MN. Bachelor's degree in Biology, Ecology, Geography or related field. Closing date: September 30, 2008.

USDA-ARS

Postdoc, Research Soil Scientist/Microbiologist/ Agricultural or Environment Engineer, Florence, SC. PhD in soil science, microbiology, agricultural or environmental engineering, or closely related field. Announcement No.: RA-08-074L.
<http://www.afm.ars.usda.gov/divisions/hrd/hrdhomepage/vacancy/pd962.html>

UNIVERSITY OF MINNESOTA

Program Associate, Public Policy Program Coordinator, Landscape Arboretum, Chanhassen, MN. Bachelor's degree in public affairs, public policy, planning, education administration, communication/public relations, or a combination of education and relevant administrative experience to total five years. [Employment.umn.edu/applicants/Central?quickFind=76196](http://employment.umn.edu/applicants/Central?quickFind=76196)

MICHIGAN STATE UNIVERSITY

Assistant Professor and Extension Specialist: Cropping Systems Agronomist, Department of Crop and Soil Sciences, East Lansing, MI. PhD in agronomy or a closely related field. Closing date: October 15, 2008 or until filled.

UNIVERSITY OF NORTH DAKOTA

Graduate student training opportunities, Department of Biology, Grand Forks, ND. Beginning as early as May 2009, interested to hire two graduate students (Ph.D. or M.Sc. levels) to conduct research in the areas of plant genomics and plant-insect interactions.
<http://www.und.edu/dept/biology/ralph/ralph.htm>

Agronomy Gleanings, October 15, 2008

10/15/2008 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; E-MAIL agro@umn.edu
WEB <http://agronomy.cfans.umn.edu/>
October 15, 2008

ANNOUNCEMENTS

THE AGRONOMY AND PLANT GENETICS FALL SOCIAL is an opportunity to meet current and new colleagues over a glass of wine, a cup of apple cider, and snacks. The Fall Social will be held Tuesday, October 28, 3:00 - 5:00 pm in 306 Borlaug Hall. Note: Due to campus regulations, you must be at least 21 years old to attend the Fall Social.

THE FIRST SYNGENTA DEPARTMENTAL COFFEE of the year will be held Tuesday, November 4, 9:30 AM, 306 Borlaug Hall. Hosted by the Department Office Staff.

THE MINNESOTA CORN RESEARCH AND PROMOTION COUNCIL (MCR&PC) AND THE MINNESOTA CORN GROWERS ASSOCIATION (MCGA) are accepting proposals and may provide funding for a variety of projects that create opportunities for increasing the profitability of corn growers. Preliminary proposals will be due to the MCGA office by the close of business on December 1, 2008.

BORLAUG FOOD AND FUND DRIVE honors Norman Borlaug's contributions to ending hunger. Students, faculty and staff are asked to collect food and money from October 20-30. Food will be collected in bins located around campus (one bin in 411 Borlaug Hall starting the 17th). For instructions to contribute money, visit: <http://www.cfans.umn.edu/borlaugdrive>

THE COMMUNITY FUND DRIVE is underway for the month of October. Please make a contribution to one of a number of charities on the list or you can add your own favorite charity to the form. Contributions can be one-time and for as little as a dollar or can be set up recurring with each pay period.

CUB SCOUT PACK 471 is selling Christmas wreaths, garland and swags this year. Prices range from \$15 and up. If you are interested in supporting the Cub Scouts, please contact Ted Jeo at 5-7005 or tedjeo@umn.edu. Orders will be taken until Oct. 21 and delivery will be on Nov. 19. Thank you.

EMPLOYEE HEALTH & BENEFITS FAIR, Tuesday, November 11, 10 a.m. to 4:30 p.m., St. Paul Student Center, North Star Ballroom. This is also the time for you to get a flu shot and participate in other wellness activities.

MAROON & GOLD FRIDAYS!
<http://www.alumni.umn.edu/mgf>

SEMINARS

Monday, October 20

APPLIED PLANT SCIENCES, Theme: Sustainable Development of Multifunctional Landscapes, "The Role of Stress in Regulation of Auxin Metabolism," Dr. Jerry Cohen, Professor, Bailey Endowed Chair, Department of Horticultural Science, 306 Borlaug Hall, 3:30 p.m.

Tuesday, October 21

PBS COLLOQUIUM, Dr. Aaron Ellison, Harvard University, Harvard Forest, "What do they do with all those ants? Nutrient limitation and stoichiometry of carnivorous plants," 3:30 p.m., 335 Borlaug Hall.

Wednesday, October 22

BIOCHEMISTRY, MOLECULAR BIOLOGY & BIOPHYSICS, Dr. Celia Schiffer, Univ. of Massachusetts Medical School, Worcester, MA, "Combating Drug Resistance: Lessons from HIV-1 Protease," 4:00 p.m., 2-137 Jackson Hall.

Monday, October 27

MPGI, NATIONAL ACADEMY OF SCIENCES LECTURE, Dr. Jim Tumlinson, Pennsylvania State University, "Chemical signaling in plant-insect interactions," 2:00 PM, 105 Cargill Building for Microbial and Plant Genomics.

Wednesday, October 29

MPGI FALL COLLOQUIA, Chad Myers, Computer Science and Engineering, "Discovering biological networks through computational models for genomic data integration," and Yiping Qi, Plant Biology, "Purification of low-abundance Arabidopsis plasma-membrane protein complexes and identification of their components," 12:00 noon, 105 Cargill Building.

Wednesday, November 5

16TH ANNUAL KUEHNAST LECTURE, 3:00 PM, 335 Borlaug Hall, St. Paul Campus.
http://climate.umn.edu/doc/journal/kuehnast_lecture

POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

UNIVERSITY OF DELAWARE

Assistant Professor/Vegetable Specialist, Cooperative Extension, Newark, DE. Ph.D. required in horticulture or a related field with an emphasis on vegetable production and five years of broad experience in vegetable production extension and research. Closing date: January 5, 2009.

UNIVERSITY OF MINNESOTA

Extension Educator (EE), Crops Program Area, Extension Center for Food, Agricultural, and Natural Resource Sciences (EFANS), Extension Regional Office, Morris, MN. A minimum of a Master's degree in a relevant agronomy or plant science discipline or related field. Closing date: November 14, 2008 or until filled.

NORTHERN PLAINS SUSTAINABLE AGRICULTURE SOCIETY

Administrative Director, LaMoure, ND. Bachelor's degree preferred. Experience in, knowledge about, and commitment to sustainable/organic agriculture and local food systems essential. Closing date: November 30, 2008.

NORTH CAROLINA STATE UNIVERSITY

Assistant Professor, Raleigh, NC. Ph.D. degree in Weed Science, Agronomy, Horticulture, Plant Biology or related discipline with expertise in Weed Science preferred. Closing date: Nov. 30, 2008.

THE PENNSYLVANIA STATE UNIVERSITY

Extension Associate in Sustainable Agriculture, Department of Entomology, University Park, PA. Master's degree or equivalent in agricultural (plant, soil, and environment) science and education plus two years of effective experience. Closing date: November 15, 2008 or until filled.

MICHIGAN STATE UNIVERSITY

Science Coordinator, KBS Long Term Ecological Research (LTER) Project, Full-time Academic Specialist (2 years; continuing dependent on funding), W.K. Kellogg Biological Station in Hickory Corners, MI. Ph.D. in ecology, agronomy, or a related natural resource or environmental science field required. Closing date: November 15, 2008 or until filled.

UNIVERSITY OF SASKATCHEWAN

Plant Breeder-Flax Program, The Crop Development Centre, Department of Plant Sciences, Saskatoon, Saskatchewan, Canada. Ph.D. in plant breeding and genetics, demonstrated ability in field and laboratory research and teaching and the potential to participate in extension activities aimed at flax producers. Closing date: November 30, 2008.

SOUTH DAKOTA STATE UNIVERSITY

Graduate Student, MS or PhD, Weed Science/ Soils/Range, Plant Science Department, Brookings, SD. Student will work on a multidisciplinary project using fire to control and manage invasive plants, maximize native grass growth, and/or examine nutrient cycling and stress in fire treated areas. Start date: January - May, 2009.

Agronomy Gleanings, October 22, 2008

10/22/2008 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; E-MAIL agro@umn.edu
WEB <http://agronomy.cfans.umn.edu/>
October 22, 2008

ANNOUNCEMENTS

AGRONOMY AND PLANT GENETICS FALL SOCIAL will be held Tuesday, October 28, 3:00 - 5:00 pm in 306 Borlaug Hall. This is an opportunity to meet current and new colleagues over a glass of wine, a cup of apple cider, and snacks. Due to campus regulations, you must be at least 21 years old to attend the Fall Social.

SYNGENTA DEPARTMENTAL COFFEE, Tuesday, November 4, 9:30 AM, 306 Borlaug Hall. Hosted by the Office Staff.

THE NORMAN BORLAUG FOOD & FUND DRIVE will be held October 20th – 30th, drop off bin in 411 Borlaug Hall. This effort will benefit Second Harvest Heartland. There is more information on the CFANS website: <http://www.cfans.umn.edu/borlaugdrive>

BIRTH ANNOUNCEMENT. HAIYAN JIA and her husband, Jun Yi, are excited to announce the birth of their baby girl, Alice J. Yi, who was born at 00:37am on 10/10/2008, 8 lb 5oz, 21 inches.

BIRTH ANNOUNCEMENT. ROGER AND JILL CASPERS wish to announce the arrival of Elizabeth Mary, born October 20 at 5:34 p.m., weighing 7 lb 1 oz and 20.5 inches. Anna (5 ½) and Jamie (3 ½) are excited to welcome their new baby sister.

EMPLOYEE HEALTH & BENEFITS FAIR, Tuesday, November 11, 10 a.m. to 4:30 p.m., St. Paul Student Center, North Star Ballroom. This is also the time for you to get a flu shot and participate in other wellness activities.

2008 UNIVERSITY OF MINNESOTA COMMUNITY FUND DRIVE, October 1-31. After you make your donation, you may put your name in the box in 411 Borlaug Hall for a CFANS prize drawing, in addition to the University prize drawings. CFD website: <http://www.umn.edu/cfd>.

PUBLISHED BY CSSA. Jayanti Suresh is featured on the cover of Journal of Plant Registrations, Vol. 2, No. 3, September 2008. Publication: R.L. Phillips, J. Suresh, M. Olsen, and T. Krone, "Registration of High-Methionine Versions of Maize Inbreds A632, B73, and Mo17," pp. 243-245.

PIONEER SCIENTIST NAMED IOWA INVENTOR OF THE YEAR. Marc Albertsen honored for advancements in the development of hybrid seed corn. Albertsen received a bachelor's degree in botany and a master's degree in plant breeding and cytogenetics from Iowa State University, and a doctorate in plant breeding and genetics from the University of Minnesota. He joined Pioneer in 1981 as a research manager and today oversees a department focused on research to improve the performance and value of crop plants. Complete story:
<http://www.pioneer.com/web/site/portal/menuitem.71b0f9627ce12ecfe2e5e2e5d10093a0/>

SEMINARS

Wednesday, October 22

WUSA AND MISA, "Women's Environmental Institute" Jacquelyn Zita, Women's Environmental Institute Director of Education and Operations, 12:00-1:00pm, 306 Borlaug.

Wednesday, October 22

BIOCHEMISTRY, MOLECULAR BIOLOGY & BIOPHYSICS, Dr. Celia Schiffer, Univ. of Massachusetts Medical School, Worcester, MA, "Combating Drug Resistance: Lessons from HIV-1 Protease," 4:00 p.m., 2-137 Jackson Hall.

Thursday, October 23

BIOTECHNOLOGY INSTITUTE, Doug Mitchell, UC-San Diego, "Discovery of a new family of ribosomally-produced bacterial toxins," 3:30 pm, 105 Cargill.

Monday, October 27

APPLIED PLANT SCIENCE, Matt Clark, "Genetic Improvement of Prairie Junegrass (*Koeleria macrantha*) for Low-Input Turf," 3:30 p.m., 306 Borlaug Hall.

Monday, October 27

MPGI, NATIONAL ACADEMY OF SCIENCES LECTURE, Dr. Jim Tumlinson, Pennsylvania State University, "Chemical signaling in plant-insect interactions," 2:00 PM, 105 Cargill Building for Microbial and Plant Genomics.

Wednesday, October 29

MPGI FALL COLLOQUIA, Chad Myers, Computer Science and Engineering, "Discovering biological networks through computational models for genomic data integration," and Yiping Qi, Plant Biology, "Purification of low-abundance Arabidopsis plasma-membrane protein complexes and identification of their components," 12:00 noon, 105 Cargill Building.

Wednesday, October 29

SUPERCOMPUTING INSTITUTE, "Introduction to using MATLAB for Bioinformatics: High-throughput Statistical Analysis," Brian Madsen, M.S., Application Engineer

Manager, The MathWorks, Inc., 1:30-4:00 pm, 402 Walter Library. This technical seminar is free, but please register at <http://www.mathworks.com/seminars/umn1029>

Wednesday, November 5

16TH ANNUAL KUEHNAST LECTURE, 3:00 PM, 335 Borlaug Hall, St. Paul Campus.
http://climate.umn.edu/doc/journal/kuehnast_lecture

POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

IOWA STATE UNIVERSITY

Postdoctoral Research Associate, Soil Carbon and Environment, Ames, IA. Ph.D. in soil science, environmental science, soil ecology or related fields.

WEST CENTRAL RESEARCH AND OUTREACH CENTER

Head and Director of the Extension Regional Office, Morris, Minnesota, Requisition # 158636. Minimum: PhD with a minimum of 8 years of research, educational or administrative experience. Current CFANS or Extension employee. Preferred: PhD in food, agricultural or natural resource sciences or related area. Review of applications will begin after November 30, 2008 and continue until position is filled.

NORTH CAROLINA STATE UNIVERSITY

Research Technician, Soil Agroecology, Organic Cropping Systems, Department of Soil Science, Raleigh, NC. For more information on this position and to apply online, please visit http://www7.acs.ncsu.edu/hr/job_applicants/ - 'See Jobs and Apply Here'. Search for position number 100686.

Agronomy Gleanings, November 20, 2008

11/20/2008 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; E-MAIL agro@umn.edu
WEB <http://agronomy.cfans.umn.edu/>
November 20, 2008

ANNOUNCEMENTS

THANKSGIVING HOLIDAY, Thursday, November 27 and Friday, November 28.
University offices will be closed.

SAVE THE DATE: A reception will be held on Thursday, December 18, 2008, from 3:00-5:00 pm in 306 Borlaug Hall to celebrate the retirement of DR. HOWARD RINES. We encourage you to submit a letter or photograph to be compiled into a remembrance book for Howard or, if you prefer, to send a personal e-mail directly to him (howard.rines@ars.usda.gov). Also, we invite you to contribute toward the purchase of a retirement gift for Howard. Please give letters/photos/etc., for the book and/or your gift contribution to either Carroll Vance or Ginger Walker by December 15. If you have any questions, please contact either Carroll Vance (612-625-5715, carroll.vance@ars.usda.gov) or Ginger Walker (612-624-0763, ginger.walker@ars.usda.gov).

THE DEPARTMENTAL HOLIDAY PARTY has been scheduled for Friday, Dec. 19, 11:30-1:00 in 306 Borlaug Hall. Please hold this day and further information will be provided later.

VERNON RUTTAN MEMORIAL LECTURE and Remembrance Reception, Wednesday, December 3, McNamara Alumni Center. Keynote Lecture at 3:00 pm. Speaker is Prof. Anne O. Krueger. Further details and registration: <http://www.apec.umn.edu/ruttanevent.html>

SEMINARS

Monday, November 24

BROWN BAG, John Vreyens, Dir., International Ag Programs, and Ron Phillips, "International Ag Programs in CFANS: Summary of Department Progress," 12 noon, 306 Borlaug Hall.

Monday, November 24

APPLIED PLANT SCIENCES, Theme: Sustainable Development of Multifunctional Landscapes, "Exploring the Effectiveness of Fall-Planted Cover Crops in Organic

Vegetable Production,” Matt Leavitt, MS student in Applied Plant Sciences, 3:30 p.m., 306 Borlaug Hall. Refreshments will be served.

Wednesday, November 26

MPGI FALL COLLOQUIA, Masanao Sato, Dept of Plant Biology, “Network analysis of Arabidopsis defense signaling,” and Alma Estrada, Dept of Ecology, Evolution and Behavior, “Analysis of secondary metabolites of *Ustilago maydis* and *Fusarium verticillioides* in single and co-inoculated cultures,” 12:00 pm, 105 Cargill Building.

Wednesday, November 26

WUSA & MISA, Alison Bunge, Environmental Horticulture Undergrad, “The Vintage Garden: A Restaurant Garden Experience,” 12:00 Noon, 306 Borlaug Hall.

Monday, December 1

BROWN BAG, Deon Stuthman, “What we can learn from asking: How does Mother Nature work in the world?,” 12 noon, 306 Borlaug Hall.

Tuesday, December 2

SOLUTION-DRIVEN SCIENCE SYMPOSIUM, "Northern Forests in a Changing Environment," 9:15 am - 3:40 pm, 135 Continuing Education Conference Center, St. Paul Campus. The event is free, but registration is required. Register online by November 25th at:

http://www.cfans.umn.edu/Solution-Driven_Science_Symposium.html

Monday, December 8

BROWN BAG, Michael Kantar and Maggie Mangan, “Report on Experience at IRRI,” 12 noon, 306 Borlaug Hall.

POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

OREGON STATE UNIVERSITY

Assistant Professor, Field Crops Extension, Washington Co., Beaverton. Master's degree in agronomy or closely related area. Closing date: November 21, 2008. <http://oregonstate.edu/jobs/>

PURDUE UNIVERSITY

Assistant Director, Agriculture and Natural Resource programs, Purdue Cooperative Extension Service, West Lafayette, IN. Doctoral degree in a discipline of agriculture and natural resources. Closing date: December 1, 2008 or until filled.

AGCO

Agronomy Software Support Specialist, Minnetonka, MN. Minimum of an Associate's or Bachelor's degree in Agriculture, Ag-Education, Agronomy or Communications related.

UNIVERSITY OF NEBRASKA-LINCOLN

Assistant Professor, Grassland Systems Ecologist, Department of Agronomy and Horticulture, Lincoln, NE. Ph.D. in agronomy, range management, or related field and a demonstrated ability to publish original research in peer-reviewed journals. Closing date: January 2, 2009, or until filled.

UNIVERSITY OF NEBRASKA-LINCOLN

Assistant Professor, Nutrient Management Specialist, Department of Agronomy and Horticulture, West Central Research and Extension Center (WCREC), North Platte, NE. Ph.D. in soil science, agronomy, or a closely related discipline and a demonstrated ability to publish original research in peer-reviewed journals. Closing date: January 5, 2009, or until filled.

Agronomy Gleanings, December 16, 2008

12/16/2008 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; E-MAIL agro@umn.edu
WEB <http://agronomy.cfans.umn.edu/>
December 16, 2008

ANNOUNCEMENTS

HOLIDAYS. Thursday, December 25 and Friday, December 26, 2008, University closed for the holidays. Thursday, January 1, 2009, University closed for New Year's Day.

HOWARD RINES' RETIREMENT PARTY. A reception will be held on Thursday, December 18, 2008, from 3:00-5:00 pm in 306 Borlaug Hall to celebrate the retirement of Dr. Howard Rines. We encourage you to submit a letter or photograph to be compiled into a remembrance book for Howard or, if you prefer, to send a personal e-mail directly to him (howard.rines@ars.usda.gov). Also, we invite you to contribute toward the purchase of a retirement gift for Howard. Please give letters/photos/etc., for the book and/or your gift contribution to either Carroll Vance or Ginger Walker. If you have any questions, please contact either Carroll Vance (612-625-5715, carroll.vance@ars.usda.gov) or Ginger Walker (612-624-0763, ginger.walker@ars.usda.gov).

AGRONOMY HOLIDAY POTLUCK is scheduled for Friday, December 19. Sign up to bring a dish in 411 Borlaug Hall or send an e-mail to gnelson@umn.edu. A prize will be given for best dish in the following categories: Minnesota, International, Vegetarian, and Dessert. There will be a \$5.00 charge for those who do not provide a dish. Also, remember to bring a White Elephant gift (wrapped) to Lynne Medgaarden before Thursday, Dec. 18.

FAREWELL COFFEE for Alex Rigor, Monday, December 22, 10:00 AM, 306 Borlaug Hall. Advisor: Jim Anderson.

CONGRATULATIONS! Deon Stuthman was elected to the rank of AAAS Fellow. He was honored for distinguished contributions to the fields of plant breeding and genetics, emphasizing grain quality and disease resistance, with emphasis on both American continents. A certificate and rosette will be presented to him in Chicago on Saturday, February 14, during the AAAS Fellows Forum, a part of the Association's Annual Meeting.

CONGRATULATIONS TO FRANK AND JEFF! Frank Forcella, and Jeff Gunsolus were

recognized at the North Central Weed Science Society meeting in Indianapolis, December 10th.

Frank Forcella was awarded the NCWSS Distinguished Award, Research. He was recognized for demonstrated excellence and creativity in research accomplishments; in conducting research and applying the results to solve problems in weed science; and, in applying unusual creativity to the research effort.

Jeff Gunsolus was named a Fellow of NCWSS. Fellows must have a proven record of substantial contributions in service to NCWSS, in presentations and publications in the NCWSS, service to the other Weed Science societies, and in academic Weed Science endeavors.

H.K. HAYES MEMORIAL LECTURE AND GRADUATE STUDENT AWARD. (Please mark your calendar.) We are pleased to announce that Robenzon Lorenzana will receive the H.K. Hayes Graduate Student Award. He is a PhD student in the Applied Plant Sciences Graduate Program studying with Dr. Rex Bernardo. The award will be presented at the H.K. Hayes Memorial Lecture on Friday, April 24, 2009, in the Cargill Building.

THE H.K. HAYES LECTURE will be given by Richard Flavell, Chief Scientific Officer, Ceres Company (Malibu, CA) and former Director of the John Innes Institute in Norwich, England. He will be discussing public/private interactions for meeting future agricultural needs.

MINNESOTA CROP IMPROVEMENT ASSOCIATION (MCIA) Annual Meeting. The 2009 MCIA Annual Meeting will be held January 6 and 7, 2009 at the Jackpot Junction Casino Hotel in Morton, Minnesota. The meeting will be held in conjunction with the Minnesota Soybean Growers Association (MSGA) annual meeting. Each organization will conduct separate meetings and join together for meals and featured speakers. If you would like additional information, please contact the MCIA office (612-625-7766).

SEMINARS

Wednesday, December 17

PhD THESIS DEFENSE, Patricio Mayor, "Joint Use of Doubled Haploids and Molecular Markers to Increase Genetic Gain in Maize," 9:00 AM, 306 Borlaug Hall.

Wednesday, December 17

M.S. THESIS DEFENSE, Mikey Kantar, "Rye Cover Crop Evaluation and Breeding," 1:00 PM, 306 Borlaug Hall.

Wednesday, December 17

BMBB, Dr. Nathaniel Traaseth, University of Minnesota, Veglia Lab, "Membrane Protein Structure Determination by Solid-State NMR," 4:00 PM, 2-137 Jackson Hall, Minneapolis.

Monday, January 12

BROWN BAG DISCUSSION, Jeff Coulter and Dave Nicolai, "Diverse and Multifunctional Agriculture in Brazil," 12 noon, 306 Borlaug Hall.

POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

NORTH DAKOTA STATE UNIVERSITY

Assistant/Associate, Forage Crop Scientist, Department of Plant Sciences, Fargo, ND. PhD in Agronomy, Plant Sciences, or closely related discipline. Closing date: January 31, 2009.

INSTITUTE FOR AGRICULTURE AND TRADE POLICY (IATP)

Senior Program Associate, Rural Communities Program. Master's degree or equivalent graduate work preferred. Deadline for application: December 23, 2008

NORTH DAKOTA STATE UNIVERSITY

Postdoctoral Research Fellow, Department of Plant Sciences, Fargo, ND. Conduct research on Sclerotinia-resistant sunflower germplasm development utilizing traditional breeding and marker-assisted approaches. PhD in genetics, plant breeding, or closely related discipline. Closing date: Open until filled.

USDA, ARS

Interdisciplinary: Research Soil Scientist/Research Agronomist/Research Agricultural Engineer, Soil and Water Management Research, St. Paul, MN. PhD is highly desired. Closing date: Monday, January 26, 2009.