

Agronomy Gleanings, March 11, 2002

3/11/2002 8:00 AM

ANNOUNCEMENTS

Classes Without Quizzes. Now you can take classes and learn the latest in agriculture, food and environmental sciences without having to worry about a quiz. On Saturday, March 16, the College of Agricultural, Food and Environmental Sciences is holding a special one-day session called Classes without Quizzes.

Nationally recognized professors will explain how applied science impacts issues of every day life at Classes without Quizzes. Elective classes will cover such topics as Planning your 2002 Garden, Career Management, Bio-Security, and Nutrition Research on Energy, Weight Loss and Fad Diets. In addition, an update on the latest college research will be offered to all of the students. One highlight will be a class called Food Frontiers that will deal with food and environmental challenges in the 21st Century and will be taught by Charles Muscoplat, Dean of the College of Agricultural, Food and Environmental Sciences.

Classes without Quizzes will meet from 8:45 a.m. to 2:30 p.m. on Saturday, March 16. The registration rate before March 9 was \$30 for University of Minnesota Alumni Association members and guests, \$40 for other adults and \$15 for children. Persons whose registration is postmarked after March 8 will pay \$5 more. More information is available by calling 612-624-1745 or on the web at <http://alumni.coafes.umn.edu/forum>

2002 Plant Pathology Graduate Student Symposium, New Approaches to Plant Disease and Pest Management: Alternatives to Pesticides, Monday, April 1, 2002, 9:00 am to 5:00 pm, Earle Brown Continuing Education Center, University of Minnesota, St. Paul Campus. This symposium is free and open to the public. Everyone interested is welcome. Visit web site at <http://www.plpa.agri.umn.edu/plpagrads/symposi.htm#2002> for more information.

2002 Research/Outreach Centers Summer Field Days

Waseca, June 18 Lamberton, June 19 Morris, July 12 Crookston, TBA April 1

Message from Erma and Verne Comstock. Verne was able to come home from Acute Rehabilitation on March 5th following the angioplasty and stent implantation on his right vertebral artery when he suffered the second stroke. His speech and right side weakness are the main problems to overcome. At this time, he is seeing physical, occupational and speech therapists in his home, and is making tremendous progress. He is now walking with only a cane and we can understand approximately 80% of his speech. Each day we see improvement as he is working toward the ultimate goal of

complete recovery. He sends deep thanks for all the prayers, cards and other messages of encouragement he has received from so many campus friends. Each of us appreciates them very much. If you'd like to keep in touch with email, our address is verma.comstock@worldnet.att.net

Summer Housing Request. Summer research assistant to Prof. Howard Rines seeks affordable housing for two responsible non-smokers, June-August 2002, near St. Paul campus or bus lines. References available. Please contact Helen Ellinger by phone: 507-645-5818, or email: helen@mibac.com.

SEMINARS

March 12

Plant Biology, Candidate in Plant Development, Dr. Paula McSteen, Dept. of Plant & Microbial Biology, University of California, Berkeley, Regulation of Axillary Meristem Formation During Plant Development, 3:30 pm, 335 Borlaug Hall.

March 13

Plant Biology, Chalk Talk, Candidate for a Plant Development position, Dr. Paula McSteen, Dept. of Plant & Microbial Biology, University of California, Berkeley, Genetic and Genomic Approaches Towards Understanding Axillary Meristem Development, 11:00 am, 239 Gortner Lab.

Horticultural Science, Dan Lim, Director, Instructional Technology Center (ITC), Center for Technology Support, Constructivist Instructional Design and WebCT Integration, 3:30 pm, 310 Alderman Hall.

Biochemistry, Molecular Biology and Biophysics, Dr. Gianluigi Veglia, Dept. of Chemistry, University of Minnesota, Structure-Function Relationships of Membrane-Bound Regulatory Polypeptides, 4:00 pm, 2-650 Moos Tower, Minneapolis Campus.

March 14

Biochemistry, Molecular Biology and Biophysics and Department of Medicine, Dr. Andrew Greenberg, Tufts University, Molecular Regulation of Adipocyte Lipolysis: Potential Implications for Obesity, Diabetes, and Atherosclerosis, 3:30 pm, 2-690 Moos Tower, Minneapolis Campus.

March 15

Applied Plant Sciences (APS), Federico Condon, APS Graduate Student, Peanut Genome: Origin and Breeding Consequences, 12:30 pm, 306 Borlaug Hall. [Note: Special APS Friday Seminar]

March 18

Applied Plant Sciences (APS), Spring Break. No Seminar.

POSITION ANNOUNCEMENTS (Posted in notebook in 411 Borlaug Hall)

UNIVERSITY OF KENTUCKY

Post Doctoral Research Fellow, Soil and Water Biogeochemistry Laboratory, Department of Agronomy, Lexington, KY. Ph.D. in soil microbiology or closely related field, with extensive experience in soil molecular biology techniques and use of environmental chemistry instrumentation (gas chromatography, HPLC, and isotope techniques). Closing date: December 31, 2002, or until filled.

UNIVERSITY OF CALIFORNIA, BERKELEY

Research Associate (post-doctoral), Novartis Study. Background in science studies, the sociology of agriculture, and/or higher education science policy. PhD required by start date no later than May 15, 2002. Closing date: March 15, 2002.

UNIVERSITY OF MISSOURI, LINCOLN

Agronomy Specialist, Outreach and Extension, Edina, MO. Master s degree in agronomy and/or soil science. Closing date: April 15, 2002.

UNIVERSITY OF MISSOURI, LINCOLN

Agronomy Specialist, Outreach and Extension, Caruthersville, MO. Master s degree in agronomy and/or soil science. Closing date: April 15, 2002.

UNIVERSITY OF MISSOURI, LINCOLN

Agronomy Specialist, Outreach and Extension, Steelville, MO. Master s degree in agronomy and/or soil science. Closing date: April 15, 2002.

UNIVERSITY OF MISSOURI, LINCOLN

Farm Management Specialist, Outreach and Extension, Perryville, MO. Master s degree in agricultural economics, farm management or agricultural business. Closing date: April 5, 2002.

MONSANTO COMPANY

Laboratory Research, Agracetus, Middleton, WI. B.S. degree with at least 5 years experience in a biological science discipline. Experience working with monocot tissue culture and transformation is preferred. Closing date: March 15, 2002.

SYNGENTA SEEDS, INC.

Maize Genetic Development/Breeding Research Scientist, Stanton, MN, LLC. PhD in Plant Breeding or Genetics with experience in corn breeding preferred. Closing date: March 30, 2002.

Agronomy Gleanings, April 8, 2002

4/8/2002 3:25 AM

ANNOUNCEMENTS

Congratulations! Keith Henjum is celebrating 25 years at the University of Minnesota.

Condolences--Dr. Carroll Vance's mother died Saturday morning (April 6) in Tennessee from complications following a stroke.

2nd Annual Royal Pancake Brunch, Tuesday, April 9, 11:00 a.m.-1:00 p.m., Northstar Ballroom. U of M Students, Faculty, Staff, Alumni, and Friends are invited to help kick off the 86th Annual Minnesota Royal, April 8-13, 2002. The brunch is FREE, but donations are appreciated!

Graduate School 2001-02 Guy Stanton Ford Memorial Lecture, Margaret Atwood, Friday, April 12, 10:15 a.m., Ted Mann Concert Hall, West Bank Campus.

April Departmental Coffee, sponsored by Syngenta and Department Retirees, Tuesday, April 16, 9:30-10:30 a.m., 306 Borlaug Hall. Join your friends and colleagues for coffee, juice and goodies. Please bring your own mug.

Agronomy Shape-Up Challenge for 2002 starts Monday, April 15 to May 26. Form a team or sign up individually with Lynne Medgaarden - medga001@umn.edu or Jeff Roessler - roess001@umn.edu. The participation prize will be a specially designed t-shirt (indicate size when you sign up). A kick-off event will be held during the Syngenta Sponsored Coffee on Tuesday, April 16 at 9:30 a.m. in 306 Borlaug Hall.

Take Our Daughters To Work Day will be held April 25, 2002. Registration begins later this week; watch your e-mail for details.

"A Working Respect," is an upcoming St. Paul Campus event that seeks to create meaningful dialogue among our faculty, staff, and students on how we can better respect diversity in our campus community and build collective respect in our workplace and classrooms, St. Paul Student Center, Monday, April 15, 1:00-4:30 pm.

29th H.K. Hayes Memorial Lecture and Graduate Student Award Ceremony. Juan Diaz has been awarded the H.K. Hayes Graduate Student Award for 2002. A ceremony will be held on Monday, April 22, 1:30-2:00 pm, 306 Borlaug Hall, prior to the H.K. Hayes Memorial Lecture.

The lecture this year, "Agricultural Bioterrorism: Finding Balance Between Preparedness and Reality," will be presented by Dr. Jim Cook, endowed chair holder in wheat research at Washington State University, member of the National Academy of

Sciences and former Chief Scientist for the U.S. Department of Agriculture. He is a leader in the national debate on agricultural bioterrorism. The lecture will be held on Monday, April 22, 2:15-3:15 pm in 335 Borlaug Hall.

A complimentary light lunch will be served 12:00-1:30 pm in 306 Borlaug Hall.

SEMINARS

April 9

PhD Thesis Defense, Juan Diaz, APS Graduate Student, Agronomy and Plant Genetics, "Effectiveness of Recurrent Selection for Improving Partial Resistance to Oat Crown Rust," 9:00 a.m., 306 Borlaug Hall.

April 10

What's Up in Sustainable Agriculture (WUSA), John Shutske, Dept. of Biosystems and Agricultural Engineering, University of Minnesota, "Protecting Agriculture;s Most Precious Resource--It's People," 12:00 noon, 306 Borlaug Hall.

Horticultural Science, Dr. Jocelyn Ozga, University of Alberta, "Hormonal Regulation of Early Pea Fruit Development," 3:30 p.m., 310 Alderman Hall.

Biochemistry, Molecular Biology and Biophysics, Dr. Vitorio Sartorelli, NIH/NIAMS/LMB, Bethesda, MD, "Histone Acetyltransferase/MyoD in Muscle Differentiation," 4:00 p.m., 2-650 Moos Tower, Minneapolis Campus.

April 15

Special Seminar, Dr. Jane Johnson, USDA-ARS, North Central Soil Conservation Research Lab, Morris, MN, "Plant/Soil Research, Crossing the Line," 11:00 a.m., 306 Borlaug Hall.

Plant Pathology, Jason Smith, "The rusts of the Salicaceae: a story of adaptation, variability and dysfunctional taxonomy," 3:00 p.m., 365 Borlaug Hall.

Applied Plant Sciences (APS), Hana Niemi, APS Graduate Student, Agronomy and Plant Genetics, "Viewing agriculture through a different lense; A look at the English countryside," 3:30 p.m., 306 Borlaug Hall.

POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

PIONEER HI-BRED INTERNATIONAL, INC. Research Equipment Intern, Regional Equipment Specialists, Product Characterization and Commercialization, Johnston, Iowa. Applicants should be pursuing a degree in a field of agriculture or life sciences, Mechanized Agriculture, Agricultural Engineering or Bio-systems Engineering.

PIONEER HI-BRED INTERNATIONAL, INC. Senior Research Scientist, DuPont Agriculture and Nutrition, Mid/Late Maturity, Product Development, Johnston, Iowa. PhD or equivalent in plant breeding, genetics, or related field with a strong background in molecular and whole plant genetics and supporting sciences.

PIONEER HI-BRED INTERNATIONAL, INC. Research Scientist, DuPont Agriculture and Nutrition, Mid/Late Maturity, Product Development, Champaign, Illinois. PhD or equivalent in plant breeding, genetics, or related field with a strong background in molecular and whole plant genetics and supporting sciences.

PIONEER HI-BRED INTERNATIONAL, INC. Research Scientist, DuPont Agriculture and Nutrition, Mid/Late Maturity, Product Development, Windfall, Indiana. PhD or equivalent in plant breeding, genetics, or related field with a strong background in molecular and whole plant genetics and supporting sciences.

THE NATIVE SPECIES REFORESTATION PROJECT (PRORENA) Program
Coordinator for a collaborative forestry research and education project located in the Republic of Panama. Master's or higher degree in forestry, terrestrial ecology, natural resource management, or closely related discipline, and 2-5 years of field research experience.

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Agronomy Gleanings, April 15, 2002

4/15/2002 8:00 AM

Agronomy Gleanings

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April 15, 2002

ANNOUNCEMENTS

Greetings from Arizona--Retirees Dick and Anne Behrens and Don and Carol Rasmusson visited in Arizona with Herb and Lois Johnson and Verne and Irma Comstock. Both Herb and Verne are doing well and are upbeat about the future. Verne and Irma will return to Minnesota around May 1.

April Departmental Coffee, sponsored by Syngenta and Department Retirees, Tuesday, April 16, 9:30-10:30 a.m., 306 Borlaug Hall. Join your friends and colleagues for coffee, juice and goodies. Please bring your own mug.

Agronomy Shape-Up Challenge for 2002 starts today, April 15 to May 26. Form a team or sign up individually with Lynne Medgaarden (medga001@umn.edu) or Jeff Roessler (roess001@umn.edu). The participation prize will be a specially designed t-shirt (indicate size when you sign up). A kick-off event will be held during the Syngenta Sponsored Coffee on Tuesday, April 16 at 9:30 a.m. in 306 Borlaug Hall.

COAFES Spring Welcome Reception for incoming students, Thursday, April 25, 6:00-8:00 pm, Earle Brown Center, St. Paul Campus. Faculty, alumni, staff and students are encouraged to attend. Please respond to Candy Zapzalka at 4-4212 by April 22 if you can attend.

COAFES invites nominations for the Siehl Prize for Excellence in Agriculture. The deadline is May 1, 2002. Further information can be found at www.coafes.umn.edu/siehlprize or call 612-625-5706.

29th H.K. Hayes Memorial Lecture and Graduate Student Award Ceremony. Juan Diaz has been awarded the H.K. Hayes Graduate Student Award for 2002. A ceremony will be held on Monday, April 22, 1:30-2:00 pm, 306 Borlaug Hall, prior to the H.K. Hayes Memorial Lecture.

The lecture this year, "Agricultural Bioterrorism: Finding Balance Between Preparedness and Reality," will be presented by Dr. Jim Cook, endowed chair holder in wheat research at Washington State University, member of the National Academy of Sciences and former Chief Scientist for the U.S. Department of Agriculture. He is a leader in the national debate on agricultural bioterrorism. The lecture will be held on

Monday, April 22, 2:15-3:15 pm in 335 Borlaug Hall.

A complimentary light lunch will be served 12:00-1:30 pm in 306 Borlaug Hall.

Hamm Memorial Lecture, Tuesday, April 30, 2002. Lecturer: Dr. Peter Quail, Professor, Plant and Microbial Biology, University of California, Berkeley, and Director of Research at the USDA Plant Gene Expression Center, Albany, CA. Lecture title: "Phytochrome Photosensory Signaling Networks." Reception: 3:30 pm, Theater Lobby, St. Paul Campus Student Center. Awards Ceremony and Lecture, 4:00 pm, Theater, St. Paul Campus Student Center Theater.

SEMINARS

April 17

Plant Biology, Dr. David Braun, Dept. of Plant & Microbial Biology, University of CA-Berkeley, "Genomic and Genetic Approaches to Study Signaling in Leaf Development," 11:00 am, 239 Gortner Lab.

Biochemistry, Molecular Biology and Biophysics, Dr. Gabriel Waksman, Dept. of Biochemistry & Molecular Biophysics, Washington University School of Medicine, St. Louis, MO, "Protein Secretion in Bacteria: Structural Insights," 4:00 pm, 2-650 Moos Tower, Minneapolis Campus.

April 18

Biotechnology Institute (BTI), Pam Lai, Graduate Student, Microbial Engineering, University of Minnesota, "Hypothermic Treatment of Hepatocytes," 3:30 pm, 329 Gortner Labs.

April 22

Plant Molecular Genetics, Dr. Michael Sadowsky, Dept. of Soil, Water, and Climate; and Biological Process Technology Institute, University of Minnesota, "A novel psbA gene from indigenous atrazine-resistant cyanobacteria," 11:45 am, 239 Gortner Lab.

Applied Plant Sciences (APS), Karin Kettenring, APS Graduate Student in Horticultural Science, "Sedge-Wetland Restoration, 3:30 pm, 306 Borlaug Hall.

POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

UNIVERSITY OF NEBRASKA-LINCOLN

Research Technologist I, Department of Agronomy and Horticulture, Lincoln, NE. Bachelors in Agronomy, Plant Science, Ecology, or related scientific field. Review of resumes will begin April 19, 2002.

UNIVERSITY OF ARKANSAS

Research Specialist, Plant Cell and Molecular Biology, Fayetteville, AR. B.S. degree in

Biology or related degree. (This is a position for a student seeking an M.S. or Ph.D. degree and, therefore, the applicant must be qualified for a graduate degree program in the Department of Crop, Soil, and Environmental Sciences.) Closing date: June 30, 2002.

PIONEER HI-BRED INTERNATIONAL, INC.

Senior Research Associate, Simulation Modeling, DuPont Agriculture and Nutrition, Associative Genetics Product Development, Johnston, Iowa. PhD or MS with a specialization in quantitative genetics and/or statistics.

PIONEER HI-BRED INTERNATIONAL, INC.

Research Scientist, DuPont Agriculture and Nutrition, Trait Genetics, Product Development, Johnston, Iowa. Ph.D. in crop genetics and plant breeding or related fields, with 3-5 years of field research experience.

PIONEER HI-BRED INTERNATIONAL, INC.

Research Scientist-Modeling Plant Adaptation, DuPont Agriculture and Nutrition, Associative Genetics, Product Development, Johnston, Iowa. Ph.D. that covers at least two of the following areas: Plant breeding, Quantitative Genetics, Crop Physiology and modeling gene to phenotype relationships.

PIONEER HI-BRED INTERNATIONAL, INC.

Research Scientist, DuPont Agriculture and Nutrition, Trait Genetics, Product Development, Johnston, Iowa. PhD in crop genetics and plant breeding or related fields, with 3-5 years of field research experience.

PIONEER HI-BRED INTERNATIONAL, INC.

Research Scientist, Latin America/Africa, Product Development, Pergamino, Argentina. PhD or equivalent in plant breeding or genetics with a strong background in molecular and whole plant genetics and supporting sciences.

CALIFORNIANS FOR PESTICIDE REFORM

Field Organizer to engage community-based organizations in the campaigns of Californians for Pesticide Reform (CPR), located in San Francisco, CA, with some travel throughout. BA degree or equivalent.

Agronomy Gleanings, April 22, 2002

4/22/2002 7:50 AM

Agronomy Gleanings

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April 22, 2002

ANNOUNCEMENTS

Farewell Coffee for Juan Diaz, Wednesday, April 24, 10:00 a.m., 306 Borlaug Hall.

Shape-Up Challenge double points day this week is Wednesday, April 24.

Center for Plants and Human Health, Interdisciplinary Forum, "Plant Derived Omega-3 Fatty Acids: Implications for Health and Disease Management," Gregory Plotnikoff, MD, Medical Director, Center for Spirituality and Healing; Doug Bibus, PhD, Hormel Fellow, Hormel Institute; Susan Raatz, RD, PhD, Nutritionist, General Clinical Research Center, Friday, April 26, 1:30-3:00 pm, 306 Borlaug Hall.

Center for Plants and Human Health Spring Symposium, Wednesday, May 22, 8:00 a.m.-1:00 p.m., William G. Shepherd Room, Frederick R. Weisman Art Museum. "Chemoprevention of Cancer--A Historical Overview," Lee Wattenberg, MD, Professor Emeritus, Univ. of Minnesota School of Medicine; "Horticultural Possibilities of Onion and Garlic in Cardiovascular Health," Irwin Goldman, PhD, Assoc. Prof., Dept. of Hort., Univ. of Wisconsin; "Mechanisms for the Action of Soy Isoflavones in Chronic Disease," Steve Barnes, PhD, Prof., Univ. of Alabama at Birmingham; "Plants and Pharmaceuticals in the 21st Century," Ilya Raskin, PhD, Prof., Biotechnology Center for Agriculture and the Environment, Rutgers Univ. There is no charge for the Symposium, but you must register in advance to receive a lunch ticket. To register: call 612-624-3299 or email cphh@umn.edu.

Community Invasibility Research Symposium sponsored by the University of Minnesota Invasion Biology Research Consortium, Public Lecture and Panel Discussion, Wednesday, May 22, 335 Borlaug Hall, 4:00-6:00 p.m. Reception 3:30-4:00 p.m. "Nostalgia and Native Environments: Implications for the Management of Invasive Species," Mark Davis, Macalester College; "Unholy Alliances--Invasive Species that Work Together," Mark Lonsdale, CSIRO Entomology, Australia; "Human Habitat Modifications: Paving the Path for Invasive Species," Ken Petren, Univ. of Cincinnati; "Are Exotic Plant Species Ecologically Different From Native Plant Species?," Jim Bever, Indiana Univ. No registration required for public lecture. Open to all.

4th Annual Bolum Symposium, "Nature's Copier: the DNA Replication Machinery," May

10, 1:00 to 5:00 pm, 2-101 BSBE (Basic Science & Biomedical Engineering Building).
Invited speakers: James M. Berger, PhD, Univ. of California, Berkeley; Melvin L. DePamphilis, PhD, National Institutes of Health; Bik-Kwoon Tye, PhD, Cornell Univ.
Hosted by Dept. of Biochemistry, Molecular Biology & Biophysics.

Retirement Party for Dr. Tom Soulen, Dept. of Plant Biology, Univ. of Minnesota,
Monday, May 13, 3:00-5:00 pm, 22 McNeal Hall, St. Paul Campus. RSVP to
oholter@cbs.umn.edu. Please contact Dr. Sue Wick (swick@cbs.umn.edu) to contribute
a letter, and Odette Holter to contribute towards a gift.

Car for Sale: 1997 Eagle Talon Esi, 44,xxx miles, white, loaded with optional, excellent
condition. If interested, see Lu Oliveira or call (651) 269-3456 or (612) 624-8774.

SEMINARS

April 23

Interview Seminar, Assistant Professor Position, SSU/Dept. of Agronomy, Dawn
Gustafson, PhD, Plant Science Dept., South Dakota State University, 9:00 a.m., 306
Borlaug Hall. Open to all interested parties.

WUSA (What's Up in Sustainable Agriculture), Heather Cardinale, Career and
Community Learning Center, Univ. of Minnesota, "Service Learning and Community
Partnerships," 12:00 pm, 306 Borlaug Hall.

April 24

Biochemistry, Molecular Biology, and Biophysics, Dr. Amr Fawzy Fahmy, Dept. of Biol.
Chem. & Mol. Pharmacology, Harvard Med. School, Boston, MA, "TreeDock: A tool for
protein docking based on minimizing van der Waals energies," 4:00 pm, 2-650 Moos
Tower, Minneapolis Campus.

April 26

Biosystems and Agricultural Engineering, Dr. Ann Hill Duin, Associate Dean for
Academic Programs and Student Affairs, Univ. of Minnesota, "Partnerships for
Learning--Exploring Joint University and Industry Educational Opportunities in the
Agricultural, Food and Environmental Sciences," 2:00 pm, 106 Biosystems and
Agricultural Engineering. Refreshments will be served.

April 29

Project Reviews, Nancy Ehlke and JoAnn Lamb, 11:00 a.m.-1:00 p.m., 306 Borlaug
Hall.

Plant Pathology, Kerry O'Donnell, Research Geneticist, USDA-NCUAR, Peoria, IL,
"Phylogenetic Species Recognition in the Fusarium Head Blight Complex is
Complicated by Discordant Evolution of Gene and Species Trees," 3:00 p.m., 365
Borlaug Hall.

Applied Plant Sciences (APS), Michael Pumphrey, APS Graduate Student in Agronomy and Plant Genetics, "Arabidopsis as a Bioindicator of DNA Damage Due to Environmental Contaminants," 3:30 p.m., 306 Borlaug Hall.

POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

UNIVERSITY OF CALIFORNIA, COOPERATIVE EXTENSION

Watershed Management Advisor, Orange County, CA. A minimum of a Master's Degree in plant, environmental, or agricultural sciences, or a closely related field is required. Closing date: May 30, 2002 (or open until filled).

NORTH DAKOTA STATE UNIVERSITY

Extension Forester, Department of Plant Sciences. Master's degree in forestry, natural resources or related field; work experience or training in forestry discipline. Closing date: May 20, 2002, or thereafter until position is filled.

UNIVERSITY OF NEBRASKA, LINCOLN

Research Technologist, Department of Agronomy and Horticulture. Bachelor's with a major in agronomy or closely related field plus two years experience in field research required. Review of resumes will begin April 26, 2002 and remain open until suitable candidate is found.

Agronomy Gleanings, April 29, 2002

5/1/2002 8:10 AM

Agronomy Gleanings

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April 29, 2002

ANNOUNCEMENTS

Minnesota State FFA Convention is April 29 and 30 on the St. Paul Campus. Please make a special effort to help them feel welcome.

Shape Up Challenge double points day this week is Thursday, May 2.

Shape Up Challenge Results for Week 1--Congratulations to Hana Niemi who won the first week's drawing for the Shape Up Challenge--a \$20 gift certificate to Don Pablo's Restaurant. The high individual last week was Art Killam with 1200 points.

Mohamed Oussible (Rabat, Morocco) sends greetings to old friends and members of the department. He arrived April 16th after spending a week with Kent Crookston in Utah. Mohamed had sutures removed from his cornea and will get a new eyeglass prescription while in Minnesota, so he expects improvement in his vision. He will return to Morocco May 2. If you would like to contact Mohamed, he can be reached at 320-274-8814.

65th Annual St. Paul Campus Retirement Recognition Luncheon, Celebrate the Heritage, Tuesday, May 21, 2002, Noon-1:00 p.m., North Star Ballroom, St. Paul Student Center. Cost: \$10.00 (advanced ticket required). Tickets available from Betty Davidson, 277 Coffey Hall (5-7061), April 24-May 10. All are welcome.

May Departmental Coffee, sponsored by Syngenta and the Muehlbauer Lab, Thursday, May 23, 9:30 a.m., 306 Borlaug Hall. Please bring your own mug.

Rental Opportunity available from mid-May to late September, 2002. Three bedroom home, fully furnished, rent and time of occupancy negotiable. Located in southwestern Roseville, one mile from St. Paul campus. Call 651-631-0710.

Special Seminar for Shape Up Challenge, "Oats, Corn and Sugar: Carbohydrates and the Addictive Response" by Dr. Kathleen DesMaisons, President and Founder of Radiant Recovery, Monday, May 6, 9:30 - 11:00 a.m., 306 Borlaug Hall. Dr. DesMaisons will present a seminar on her theory of brain biochemistry, addiction, and diet. She has authored three best-selling books, "Potatoes Not Prozac", "The Sugar

Addict's Total Recovery Program", and "Your Last Diet!". Sponsored by the Syngenta Development Committee.

Good candidate for student job--We had too many good candidates apply for our summer job. One of the candidates not hired was a freshman who has potential to make an excellent worker in someone's lab! She came dressed for the interview, had a typed resume and showed good maturity. I have never had a student come formally dressed or present a resume before! She already has some lab experience working in a research lab in a mentor program. I hope someone is still looking to hire; she looks to be a great prospect. I have her resume if anyone is interested. --Jim Halgerson (5-8189).

SEMINARS

April 30

Philip C. Hamm Memorial Lecture, "Phytochrome Photosensory Signaling Networks," Dr. Peter Quail, Professor, Plant and Microbial Biology, Univ. of California, Berkeley, and Director of Research, USDA Plant Gene Expression Center, Albany, CA, 4:00 p.m., St. Paul Student Center Theater. Reception: 3:30 p.m. Everyone welcome.

May 1

Interview Seminar, Assistant Professor position, SSU/Dept. of Agronomy, Milton J. Haar, PhD, Dept. of Vegetable Crops, Univ. of California, Davis, 9:00 a.m., 306 Borlaug Hall. Open to all interested parties.

Special Seminar, "The High Atlas Project in Morocco," Dr. Mohamed Oussible, Rabat, Morocco, 1:30 pm, 491 Borlaug Hall.

Horticultural Science, Rajeev Arora, Dept. of Horticulture, Iowa State University, "Systems and Approaches to Studying Plant Response to Low Temperature Stress: Freeze-Injury and Cold Acclimation," 3:30 p.m., 310 Alderman Hall.

Biochemistry, Molecular Biology and Biophysics, Dr. Joe DeRisi, Dept. of Biochemistry & Biophysics, Univ. of Calif., San Francisco, CA, "Genomics: Yeast to Malaria," 4:00 p.m., 2-650 Moos Tower, Minneapolis Campus.

May 6

Associate Dean for Extension and AFE Capacity Area Leader candidate, Dean Herzfeld, Extension Educator and Associate Professor, Plant Pathology, 10:00 a.m., 145 Peters Hall.

Plant Molecular Genetics, "Molecular and genetic studies of light signaling components," Dr. Min Ni, Assistant Professor, Plant Biology, Univ. of Minnesota, 11:45 am, 239 Gortner Lab.

Applied Plant Sciences (APS), Christopher Herman, APS Graduate Student in the Dept. of Agronomy and Plant Genetics, "Concentration of Agribusiness: Ahh, the Power of Seeds," 3:30 p.m., 306 Borlaug Hall.

May 13

Special Seminar, Dr. Russ Gesch, USDA-ARS, Morris, MN, "Cropping Strategies for Short-season Temperate Climates," 11:00 a.m., 306 Borlaug Hall.

POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

UNIVERSITY OF NEBRASKA, LINCOLN

Program Coordinator, Department of Agronomy and Horticulture. Master's with major in agronomy, horticulture, or closely related field, plus two years experience in field research required. Review of resumes will begin May 6, 2002.

COLORADO STATE UNIVERSITY

Two M.S. Graduate Research Assistantships, Agronomy, Agricultural Experiment Station, Western Colorado Research Center, Fruita, CO. One assistantship will focus on tissue culture of sunflower, and the other on latex extraction, purification, and determination.

BLACKBURN COLLEGE

Biologist for entry level, tenure-track botany faculty position. Ph.D. in botany or the biological sciences. Closing date: May 10, 2002.

Agronomy Gleanings, May 6, 2002

5/6/2002 8:00 AM

Agronomy Gleanings

Department of Agronomy and Plant Genetics, University of Minnesota

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

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May 6, 2002

ANNOUNCEMENTS

Shape Up Challenge week 2 winner of a \$20 gift certificate to Cub Foods is Shane Heinen. Highest individual point total was earned by Jason DeBruin with 970 points. Highest team average was High Five + One with 665 points.

Shape Up Challenge double points day is Friday, May 10.

Welcome to Martin Medina from Uruguay. He will be a Master's student with Deon Stuthman.

May Departmental Coffee, sponsored by Syngenta and the Muehlbauer Lab, Thursday, May 23, 9:30 a.m., 306 Borlaug Hall. Please bring your own mug.

National Foods for Health Conference, May 19-21, 2002. The conference will highlight the integration of agriculture and medicine toward disease prevention and health, provides a forum to share knowledge, discuss research potential and analyze consumer, ethical, regulatory and policy issues. Participants will discuss diet-related chronic disease, consumer choice, functional foods, plant-based therapeutics, edible vaccines, research policy and funding. Please visit www.coafes.umn.edu/nabc2002 for complete program details, speaker bios and topical resources and references. PLEASE NOTE that College faculty and staff must register at <http://www.coafes.umn.edu/nabc2002/UofMregister.html>. Students should register at the conference website for the special student rate.

65th Annual St. Paul Campus Retirement Recognition Luncheon, Celebrate the Heritage, Tuesday, May 21, 2002, Noon-1:00 p.m., North Star Ballroom, St. Paul Student Center. Cost: \$10.00 (advanced ticket required). Tickets available from Betty Davidson, 277 Coffey Hall (5-7061), April 24-May 10. All are welcome.

Center for Plants and Human Health, Spring Symposium, "Scientific Foundations for Plants and Human Health," Wednesday, May 22, 2002, 8:00 a.m.-1:00 p.m., William G. Shepherd Room, Frederick R. Weisman Art Museum. To register: call 612-624-3299 or email cphh@umn.edu.

Furnished House for Rent available Mid-July 2002 to August 2003. \$1400/mo. + utilities (negotiable discount for cat sitting). University Grove neighborhood; two bedrooms, study/den, and large recently refinished family room is equipped as an apartment. Contact Sarah or Gene at 651-917-7403.

SEMINARS

May 7

Special Nutrition Seminar, Dr. Bart Hoebel, Department of Psychology, Princeton University, "Sugar Dependency in Rats," 9:30 a.m., Room 23 FScN.

Plant Biological Sciences Colloquium, "From Mist and Salt-Spray: The Lichens of Haida Gwaii," Dr. Irwin Brodo, National Museum of Canada, Ottawa, Ontario, 3:30 p.m., 335 Borlaug Hall.

May 8

Associate Dean for Extension and AFE Capacity Area Leader candidate, Richard Nelson, Director, Center for Agriculture and Natural Resources, University of Minnesota, Crookston, 10:00 a.m., 145 Peters Hall.

Biochemistry, Molecular Biology & Biophysics, "Structure and Function of Photosystem I and II," Dr. Petra Fromme, Max Volmer Institute for Biophysical Chemistry, Technical University, Berlin, Germany, 4:00 p.m., B45 Classroom/Office Bldg.

May 13

Associate Dean for Extension and AFE Capacity Area Leader candidate, Karl Foord, Extension Educator, Dakota County, 10:00 a.m., 145 Peters Hall.

Special Seminar, Dr. Russ Gesch, USDA-ARS, Morris, MN, "Cropping Strategies for Short-Season Temperate Climates," 11:00 a.m., 306 Borlaug Hall.

May 23

Project Reviews, Jeff Gunsolus, "Weed Management Strategies for Corn and Soybean Production Systems," and Seth Naeve, "Strategies for Maximizing Profitability, While Reducing Risk, in Soybean Production," 11:30 am-1:00 pm, 306 Borlaug Hall.

POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

SOUTH DAKOTA STATE UNIVERSITY

County Extension Educator-Agronomy, Clay County, Vermillion, SD. Bachelor's degree in Agriculture with a major in an agricultural field including course work and/or experience in agronomy. Closing date: May 24, 2002.

SOUTH DAKOTA STATE UNIVERSITY

County Extension Educator-Youth Development/4-H, Hanson County, Alexandria, SD. Bachelor's degree. Closing date: May 24, 2002.

MICHIGAN STATE UNIVERSITY

Two tenure-track Assistant Professor positions, MSU-DOE Plant Research Laboratory, East Lansing, MI. The specific areas of research are not defined, but candidates should plan to employ optimal technologies to investigate important unsolved problems in plant biology. Closing date: June 1, 2002.

USDA, ARS YAKIMA AGRICULTURAL RESEARCH LAB

Research Entomologist, Wapato, WA. PhD in entomology; or a related discipline of the biological or physical sciences that included at least 16 semester hours in entomology.

MYCOGEN

Silage Corn Project Breeder, Davenport, IA. PhD in plant breeding or an MS with a minimum of 2 years experience in conducting a corn breeding program.

Agronomy Gleanings, May 13, 2002

5/13/2002 8:00 AM

Agronomy Gleanings

Department of Agronomy and Plant Genetics, University of Minnesota

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

PHONE (612) 625-7773; FAX (612) 625-1268; E-MAIL agro@coafes.umn.edu

May 13, 2002

ANNOUNCEMENTS

Memorial Day will be observed Monday, May 27. University offices will be closed.

Shape Up Challenge week 3 drawing winner for a \$20 gift certificate to Don Pablo's Restaurant is Sheri Huerd. Highest individual point total was earned by Brad Kincaid with 1170 points.

Shape Up Challenge double points day is Monday, May 13.

Birth Announcement--Joann and Simon Mudge had their first child on March 1, 2002. His name is Jackson Lorènzo Mudge. He weighed 7 lbs and was 20 inches long.

May Departmental Coffee, sponsored by Syngenta and the Muehlbauer Lab, Thursday, May 23, 9:30 a.m., 306 Borlaug Hall. Please bring your own mug.

National Foods for Health Conference, May 19-21, 2002. The conference will highlight the integration of agriculture and medicine toward disease prevention and health, provides a forum to share knowledge, discuss research potential and analyze consumer, ethical, regulatory and policy issues. Participants will discuss diet-related chronic disease, consumer choice, functional foods, plant-based therapeutics, edible vaccines, research policy and funding. Please visit www.coafes.umn.edu/nabc2002 for complete program details, speaker bios and topical resources and references. PLEASE NOTE that College faculty and staff must register at <http://www.coafes.umn.edu/nabc2002/UofMregister.html>. Students should register at the conference website for the special student rate.

Center for Plants and Human Health, Spring Symposium, "Scientific Foundations for Plants and Human Health," Wednesday, May 22, 2002, 8:00 a.m.-1:00 p.m., William G. Shepherd Room, Frederick R. Weisman Art Museum. To register: call 612-624-3299 or email cphh@umn.edu

Community Invasibility, four-part lecture and panel discussion, sponsored by the University of Minnesota's Invasion Biology Research Consortium, Wednesday, May 22, 2002, 335 Borlaug Hall, 4:00-6:00 p.m. Reception 3:30-4:00 p.m. No registration

required--Open to all. For more information on the Consortium, go to mnibrc.umn.edu.

4th Annual Civil Service/Bargaining Unit (CSBU) Staff Day is Thursday, June 6, The Pit, St. Paul Campus, 11:30-1:00 pm. Bring your invitation and redeem it for an appreciation gift.

3rd Annual Agriculture Open House, Saturday, July 27, 9:00 a.m. - 1:00 p.m., St. Paul Campus. Faculty and students will lead tours of the horticultural display gardens, agronomic crops research plots, and several livestock facilities. This year will include a stage for faculty to speak and answer questions from the public and several exhibits and activities for children. If you would like to volunteer, please contact Shelly Tschida at stschida@umn.edu. Event hosted by the Minnesota Agricultural Experiment Station and the College of Agricultural, Food, and Environmental Sciences.

SEMINARS

May 17

Associate Dean for Extension and AFE Capacity Area Leader candidate, Jim Linn, Professor, Animal Science, University of Minnesota, 9:00 a.m., 145 Peters Hall.

Biochemistry, Molecular Biology and Biophysics, "Proteomics without Polyacrylamide: Qualitative and Quantitative Approaches to Proteomics via Mass Spectrometry," Dr. David Goodlett, Institute for Systems Biology, Seattle, WA, 10:30 a.m., 239 Gortner Lab.

May 23

Project Reviews, Jeff Gunsolus, "Weed Management Strategies for Corn and Soybean Production Systems," and Seth Naeve, "Strategies for Maximizing Profitability, While Reducing Risk, in Soybean Production," 11:30 am-1:00 pm, 306 Borlaug Hall.

POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

CENTER FOR URBAN AND REGIONAL AFFAIRS (CURA)

Community Assistantship Program (CAP), 9 jobs open this summer for undergrad and grad level students. See notebook in 411 Borlaug Hall for details.

SOUTH DAKOTA STATE UNIVERSITY

County Extension Educator-Agronomy, Jerauld County, Wessington Springs, SD. Bachelor's degree in Agriculture with a major in an agricultural field including course work and/or experience in agronomy. Closing date: May 31, 2002.

LEGENDS GOLF CLUB

2nd Assistant Golf Course Superintendent, Prior Lake, MN. Two years of golf course maintenance experience or equivalent turf education. Application deadline: Open until filled.

USDA, ARS

Agricultural Engineer/Soil Scientist/Research Agronomist, Land Management and Water Conservation Research Unit, Pullman, WA. Ph.D. in agricultural engineering, soil physics or microclimatology. Closing date: May 31, 2002.

Agronomy Gleanings, May 20, 2002

5/20/2002 8:00 AM

Agronomy Gleanings

Department of Agronomy and Plant Genetics, University of Minnesota

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

PHONE (612) 625-7773; FAX (612) 625-1268; E-MAIL agro@coafes.umn.edu

May 20, 2002

ANNOUNCEMENTS

Memorial Day will be observed Monday, May 27. University offices will be closed.

Shape Up Challenge Week 4-Doug Swanson is the winner of a \$20 gift certificate to Cub Foods. The high individual was Helene Murray with 1250 points.

Shape Up Challenge double points day this week is Tuesday, May 21.

Farewell Coffee for Lu Oliveira, Wednesday, May 22, 3:00 p.m. (note time change), 408 Hayes Hall.

May Departmental Coffee, sponsored by Syngenta and the Muehlbauer Lab, Thursday, May 23, 9:30 a.m., 306 Borlaug Hall. Please bring your own mug.

Wedding Announcement--Lori Falkner, Asst. Prof., SSU, Marshall, MN, will be getting married to David Scott on June 8th in Tracy, MN. Her name will be changing to Lori Scott.

Emeritus Professor Bob Robinson was recognized at a gathering at Eastcliff on May 13 for his sizeable financial contributions to the University. Bob was featured as a benefactor whose contributions have reached the one million dollar level. He responded to the special recognition by reciting an appropriate and thoughtful poem from his high school days. It was the highlight of the late afternoon recognition program.

Center for Plants and Human Health, Spring Symposium, "Scientific Foundations for Plants and Human Health," Wednesday, May 22, 2002, 8:00 a.m.-1:00 p.m., William G. Shepherd Room, Frederick R. Weisman Art Museum. To register: call 612-624-3299 or email cphh@umn.edu

Community Invasibility, four-part lecture and panel discussion, sponsored by the University of Minnesota's Invasion Biology Research Consortium, Wednesday, May 22, 2002, 335 Borlaug Hall, 4:00-6:00 p.m. Reception 3:30-4:00 p.m. No registration required--Open to all. For more information on the Consortium, go to <http://www.mnibr.c.umn.edu>.

Eleventh Annual University of Minnesota Symposium in Developmental Biology, "From Egg to Organ: Motors and Motility in Development," September 30, 2002, 1:30 - 5:30 p.m. and October 1, 9:00 a.m. - 4:30 p.m., Earle Brown Continuing Education Center, St. Paul Campus. Registration deadline: September 20. Registration fee: \$25 (\$15 for graduate students). Additional information and registration form on Web site: <http://www.med.umn.edu/dbc/symp/>.

SEMINARS

May 23

Project Reviews, Jeff Gunsolus, "Weed Management Strategies for Corn and Soybean Production Systems," and Seth Naeve, "Strategies for Maximizing Profitability, While Reducing Risk, in Soybean Production," 11:30 am-1:00 pm, 306 Borlaug Hall.

POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

UNIVERSITY OF NEBRASKA, LINCOLN

Program Coordinator, Department of Agronomy and Horticulture. Master's with major in agronomy, horticulture, or closely related field, plus two years experience in field research required. Closing date: June 5, 2002.

Agronomy Gleanings, May 28, 2002

5/28/2002 8:00 AM

Agronomy Gleanings

Department of Agronomy and Plant Genetics, University of Minnesota

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

PHONE (612) 625-7773; FAX (612) 625-1268; E-MAIL agro@coafes.umn.edu

May 28, 2002

ANNOUNCEMENTS

Reminder: Your personal holiday must be used by June 30, 2002.

Shape Up Challenge Week 5--Jen Jacobs is the winner of the drawing for a \$20 gift certificate for Don Pablo's restaurant. The high individual was Nancy Ehlke with 1840.

Shape Up Challenge Final Lunch--A Subway Lunch for all participants in this year's Shape Up Challenge has been scheduled for Wednesday, June 5 from noon to 1:00 pm in 306 Borlaug Hall. A drawing will be held for prizes for people who had at least 200 points each week and additional prizes will be awarded. Mark your calendars and plan to attend.

2002-2003 Applied Plant Sciences (APS) Graduate Student Association (GSA) officers:

President- Alex Kahler

Vice President- Sam Hutton

Treasurer- Carla Otto

Secretary- Nadilia Gomez

Making the GSA Fun Officer- Rachel Mann

Plant Biology Track Rep- Jen Jacobs

Agro-Ecology Track Rep- Jason De Bruin

General Track Rep- Karin Kettenring

Horticulture Track Rep- Ryan Warner

COGS Rep- Marcelo Pacheco

4th Annual Civil Service/Bargaining Unit (CSBU) Staff Day is Thursday, June 6, The Pit, St. Paul Campus, 11:30-1:00 pm. Bring your invitation and redeem it for an appreciation gift.

2002 Summer Field Days:

S ROC-Waseca, June 18

SW ROC-Lamberton, June 19

NW ROC-Crookston, July 10

WC ROC-Morris, July 12

SEMINARS

May 30

Plant Molecular Genetics Institute Special Seminar Series, Mike Freeling, University of California, Berkeley, "Fractionation of genes and conserved noncoding sequences (CNSs) following ancient duplications, and the evolution of the grass ligule," 3:30 pm, 365 Borlaug Hall.

June 3

Plant Molecular Genetics Institute Special Seminar Series, Michael Purugganan, North Carolina State University, "The molecular evolution of shoot architecture," 3:30 pm, 365 Borlaug Hall.

POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

UNIVERSITY OF CALIFORNIA, DIVISION OF AGRICULTURE & NATURAL RESOURCES

Range, Watershed, Livestock Farm Advisor, Cooperative Extension Assistant Advisor rank, North Coast and Mountain Region, Alturas, CA. Minimum of a Master of Science degree in Animal Science, Range Science, or Watershed Science, or a closely related field. Closing date: June 17, 2002.

BIODIAGNOSTICS, INC.

Supervisor of ELISA Testing Laboratory, River Falls, WI. Master of Science degree in Biochemistry, Molecular Biology, Plant Genetics, Plant Pathology, or a related field; or a Bachelor of Science degree and a minimum of 5 years experience. Applications accepted until position is filled.

UNIVERSITY OF ILLINOIS, URBANA-CHAMPAIGN

Extension Specialist, Weed Science/Integrated Pest Management (IPM), Dept. of Crop Sciences. M.S. in an area of weed science; training and experience in integrated pest management is highly desirable. Closing date: August 20, 2002.

Agronomy Gleanings, June 3, 2002

6/3/2002 8:00 AM

Agronomy Gleanings

Department of Agronomy and Plant Genetics, University of Minnesota

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

PHONE (612) 625-7773; FAX (612) 625-1268; E-MAIL agro@coafes.umn.edu

June 3, 2002

ANNOUNCEMENTS

Shape Up Challenge Week 6--Jason DeBruin is the winner of this week's drawing for a \$20 gift certificate for Cub Foods. The high individual was Keith Henjum with 1260 points.

Shape Up Challenge Final Lunch--A Subway Lunch for all participants in this year's Shape Up Challenge has been scheduled for Wednesday, June 5th from noon to 1:00 pm in 306 Borlaug Hall. A drawing will be held for prizes for people who had at least 200 points each week and additional prizes will be awarded. Be sure to wear your Shape Up Challenge t-shirt to lunch on June 5th.

4th Annual Civil Service/Bargaining Unit (CSBU) Staff Day is Thursday, June 6th, The Pit, St. Paul Campus, 11:30-1:00 pm. Bring your invitation and redeem it for an appreciation gift.

2002 Summer Field Days:

S ROC-Waseca, June 18 has been canceled.

SW ROC-Lamberton, June 19

NW ROC-Crookston, July 10

WC ROC-Morris, July 12

2002 Fall Field Day:

S ROC-Waseca, September 12

Farewell Gathering for Mark Bultmann, Director of Student Services in COAFES, June 12, 2002, 2:30-4:00 p.m., program 3:00-3:30 p.m, 120 Coffey Hall, St. Paul Campus. After 16 years of serving our College, Mark has accepted a new position in the College of Education and Human Development as their new Associate Director for Student and Professional Services.

United States Postal Service new rates effective June 30, 2002. The single-piece 1-ounce First-Class Mail rate will increase from \$0.34 to \$0.37, and the single-piece card rate from \$0.21 to \$0.23. The additional ounce rate for single-piece First-Class Mail items will remain at \$0.23.

MNCAT Changes--The University Libraries' online catalog, MNCAT, is undergoing a major overhaul. In July the new version will be available. During the transition, the catalog will continue to be available, but a few services, such as recalling, ordering new books, and some delivery options, will be down. Please ask a library staff member or check the following Web site for details <http://www.lib.umn.edu/about/mncat/>

University Printing Services Copy Center Open House, Wednesday, June 5th from 10 a.m. to 1 p.m., St. Paul Campus, 8 Student Center. Learn more about convenient, reasonably priced services (copying, network printing, color copies, binding, cutting, laminating, folding, etc.) offered throughout the campus. All copy centers will have samples and staff available with information regarding how Printing Services can help departments produce quality, timely, economical materials. For more information or nearby locations, contact Printing Services at 625-9500.

SEMINARS

June 5

Biochemistry, Molecular Biology & Biophysics, Dr. Robert H. Yang, "Molecular Analysis of Osh6p and Osh7p, Two Homologues of the Mammalian Oxysterol Binding Protein in Yeast," 12:00 noon, 6-101 BSBE, Minneapolis Campus.

June 6

Plant Molecular Genetics Institute Special Seminar Series, Jason Reed, University of North Carolina, Chapel Hill, "Cooperation between endogenous developmental programs and exogenous signals to determine plant form," 3:30 pm, 365 Borlaug Hall.

June 10

Plant Molecular Genetics Institute Special Seminar Series, Xing-Wang Deng, Yale University, "Light control of plant development," 10:30 am, 365 Borlaug Hall.

June 13

Plant Molecular Genetics Institute Special Seminar Series, Mike Scanlon, University of Georgia, "The narrow sheath duplicate factor genes implicate a role for auxin during recruitment of a lateral compartment in maize leaves, 3:30 p.m., 365 Borlaug Hall.

POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

DUPONT CROP GENETICS

Post-doctoral Visiting Research Scientist, Transformation Research Group, Newark, Delaware. PhD level scientist with a strong background in transformation, tissue culture, and molecular biology.

UNIVERSITY OF WISCONSIN-EXTENSION

Agriculture Agent, Barron County. Master's degree with at least one degree such as dairy or animal science, agronomy or agriculture education. Closing date: June 12, 2002.

UNIVERSITY OF MISSOURI, COLUMBIA

Full-time lab technician working on maize tissue culture and transformation. B.S. or M.S. degree in biological sciences, especially plant science, with experience in tissue culture and transformation. Closing date: June 30, 2002.

Agronomy Gleanings, June 10, 2002

6/10/2002 8:00 AM

Agronomy Gleanings

Department of Agronomy and Plant Genetics, University of Minnesota

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

PHONE (612) 625-7773; FAX (612) 625-1268; E-MAIL agro@coafes.umn.edu

June 10, 2002

ANNOUNCEMENTS

Reminder to Civil Service/Bargaining Unit (CSBU) Staff --Your personal holiday must be used by June 30, 2002.

Shape Up Challenge drawing winners who had at least 200 points each week:

\$50, Pat Kessler

\$50, Don Ralston

\$25, Deon Stuthman

\$25, Phil Schaus

\$25, Gerald Decker

\$10, Carla Otto

\$10, Mark Galatowitsch

\$10, Doug Swanson

\$10, Eliza Anderson

\$10, Charissa Lewis

Other door prize winners:

Jeanne Davy

Keith Henjum

Kelly Hire

Jen Jacobs

Caroline Mackintosh

Guillermo Velasquez

The John Deere Team won the drawing for a Nelson's Cheese Shop lunch!

Special thanks to Lynne Medgaarden, Jeff Roessler, and Marilyn Swanson for their time and effort in coordinating another successful Shape Up Challenge event sponsored by the Syngenta Development Fund.

The Touch of the Master's Hand, Anonymous Poem Published in the Chicago Drivers Journal-1941. Spoken from memory by Robert G. Robinson, May 17, 2002, on recognition of his gift to the University Foundation.

'Twas battered and scarred and the auctioneer
thought it scarcely worth his while
To waste time on the old violin,
But held it up with a smile.
What am I bidden good folk: he cried.
Who'll start the bidding for me?
One dollar—2dollars—and who'll make it 3?
\$3 once, \$3 twice, and going and, but no—
From the room far back, a gray-haired man
Came forward and picked up the bow,
Then wiping the dust from the old violin,
And tightening the loosened strings
He played a melody pure and sweet
As a caroling angel sings.
The music ceased and the auctioneer,
With a voice that was quiet and low,
Said, "Now what am I bid for the old violin?"
And he held it up with the bow.
1 thousand dollars—2 thousand dollars—
And who will make it 3?
3 thousand once—3 thousand twice
And going, cried he.
The people cheered, but some of them cried,
We do not understand.
"What changed its worth?" Quick came the reply,
The touch of the Master's hand.'

Online Pay Statements Available June 12th, 2002. You can access your pay statement through the Human Resources Self Service (HRSS) Web site at <http://hrss.umn.edu>. Effective with the above date, all pay statements for all employees will be available online. Paper direct deposit statements will be discontinued July 24 except in cases where employees do not have access to the Internet or have other reasons for receiving a printed direct deposit statement from Payroll. Employees who currently are not on direct deposit can access their pay statements online, but will continue to receive paper checks.

2002 Field School for Agricultural Professionals, Session I, July 16-17 and Session II, July 18-19, 8:30 am to 4:00 pm both days, Southwest Research and Outreach Center, Lamberton, MN. Cost per two-day session is \$325/individual. Deadline for registration is July 9, 2002. For more information and registration form, see Web site www.extension.umn.edu/fieldschool

The main entrance to Coffey Hall on Eckles Avenue will be closed June 17 thru August 22, 2002, due to a project to waterproof the building foundation. A contractor will fence off the main entrance and sidewalk. Parking meters on the east side of Eckles will also

be bagged to allow a staging area for this work. Everyone will be re-routed to the northwest entrance (across from the Student Center) during this time. The northeast entrance to Suite 130 will remain open.

SEMINARS

June 13

Plant Molecular Genetics Institute Special Seminar Series, Mike Scanlon, University of Georgia, "The narrow sheath duplicate factor genes implicate a role for auxin during recruitment of a lateral compartment in maize leaves, 3:30 p.m., 365 Borlaug Hall.

June 28

West Central Research & Outreach Center, "Systems Application to Reduced Input Dairy Farming," Dennis Johnson, WCROC dairy scientist, Noon - 12:30 pm, WCROC Library.

POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

IOWA STATE UNIVERSITY

Assistant or Associate Professor, Extension Corn Production Specialist, Agronomy Dept., Ames, Iowa. PhD in Agronomy or related discipline. Closing date: August 1, 2002.

Agronomy Gleanings, June 17, 2002

6/17/2002 8:00 AM

Agronomy Gleanings

Department of Agronomy and Plant Genetics, University of Minnesota

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

PHONE (612) 625-7773; FAX (612) 625-1268; E-MAIL agro@coafes.umn.edu

June 17, 2002

ANNOUNCEMENTS

Independence Day Holiday. University offices will be closed Thursday, July 4.

Norma Van Buskirk, Dave Somers' mother, passed away this weekend. Dave wishes to express his appreciation for the support of friends and colleagues during his mother's illness.

Summer Field Day, Southwest Research and Outreach Center, Lamberton, Wednesday, June 19, 2002, 8:00 am - 2:00 pm. For details: <http://swroc.coafes.umn.edu>

SEMINARS

June 20

Department of Biochemistry, Molecular Biology & Biophysics, Faculty Candidate Seminar, "Finding Enantioselective Enzymes for Organic Synthesis Using a Combination of Rational Design and Screening," Dr. Romas Kazlauskas, McGill University, Department of Chemistry, 11:00 am, 2-101 BSBE Minneapolis Campus.

June 21

Applied Plant Sciences, M.S. thesis defense seminar, "Assessing the Risk of Importing Aquatic Plants Into Minnesota. Part 1: Movement of invasive aquatic plants through horticultural trade. Part 2: Cold tolerance of *Hydrilla verticillata* (L.F.) Royle axillary turions," Kristine Maki, 9:00 a.m., Room 310 Alderman Hall, St. Paul campus. Funded by: Minnesota Sea Grant Minnesota Department of Natural Resources.

POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

UNIVERSITY OF NEBRASKA-LINCOLN

Program Coordinator, Department of Agronomy and Horticulture. Master's with major in agronomy, horticulture, or closely related field, plus two years experience in field research required. Closing date: July 1, 2002 or until suitable candidate is found.

USDA, ARS

Ecologist/Research Agronomist, Integrated Weed Management in Vegetable Crops, Crop Sciences Dept. and Natural Resources and Environmental Sciences Dept., Univ. of Illinois, Urbana. Closing date: August 5, 2002.

PIONEER HI-BRED INTERNATIONAL, INC.

Research Scientist, Mid-Maturity - Product Characterization and Commercialization, Woodland, CA. PhD or equivalent in Plant Breeding, Crop Management or Crop Protection.

PIONEER HI-BRED INTERNATIONAL, INC.

Agronomy Scientist, Nursery Research and Seed Production - Product Characterization and Commercialization, Waimea, Hawaii. PhD or MS degree in Agronomy plus 5-10 years minimum experience in tropical agronomy. Some plant breeding background desirable.

PIONEER HI-BRED INTERNATIONAL, INC.

Senior Research Associate, Nursery Research and Seed Production - Product Characterization and Commercialization, Waimea, Hawaii. MS degree in a biological science. Minimum of 2-3 years experience in Plant Breeding and Molecular Genetics desirable.

PIONEER HI-BRED INTERNATIONAL, INC.

Research Associate, Nursery Research and Seed Production - Product Characterization and Commercialization, Waimea, Hawaii. BS degree in Plant Breeding, or related agricultural field, and at least 3 years of experience in a similar position.

PIONEER HI-BRED INTERNATIONAL, INC.

Research Associate, Nursery Research and Seed Production - Product Characterization and Commercialization, Waimea, Hawaii. BS degree in a biological science, preferably in the plant genetics area.

PIONEER HI-BRED INTERNATIONAL, INC.

Research Scientist, Trait Genetics - Product Development, Johnston, Iowa. PhD or equivalent in plant breeding, genetics, or related field with 3-5 years of related research experience preferred.

Agronomy Gleanings, June 24, 2002

6/24/2002 8:00 AM

Agronomy Gleanings

Department of Agronomy and Plant Genetics, University of Minnesota

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

PHONE (612) 625-7773; FAX (612) 625-1268; E-MAIL agro@coafes.umn.edu

June 24, 2002

ANNOUNCEMENTS

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

Farewell Coffee for Maria Fedorova, Thursday, June 27, 9:30 a.m., 306 Borlaug Hall.

Farewell Coffee for Mark Galatowitsch, Monday, July 1, 9:30 a.m., 306 Borlaug Hall. Please join us in saying thanks to Mark for the much appreciated service he provided as our computer support person, and to hear all about his upcoming plans. -Hosted by the Departments of Plant Pathology and Agronomy/Plant Genetics.

Welcome to Eric Smith, new computer support person for the Departments of Plant Pathology and Agronomy/Plant Genetics.

Welcome to Pomme Sturm, summer intern from France. She will be working with Deon Stuthman's project.

Congratulations to Nancy Ehlke on being selected as a CSSA Fellow. The award will be presented at the CSSA Luncheon November 12, 2002, in Indianapolis, IN.

Baby boy! Laszlo Gyenis and Silvia Penuela would like to share the good news with you that their second son, Alexander Gyenis, was born on June 22 at 12:08 am. He was 7 pounds and 21 inches-that was a pretty good size for being born one week ahead of his due date. Mom and baby are doing fine.

2002 Field School for Agricultural Professionals, Session I, July 16-17 and Session II, July 18-19, 8:30 am to 4:00 pm both days, Southwest Research and Outreach Center, Lamberton, MN. Cost per two-day session is \$325/individual. Deadline for registration is July 9, 2002. For more information and registration form, see Web site: www.extension.umn.edu/fieldschool

SEMINARS

June 24

APS Master's Defense Seminar, Kari-Lynne McGowan, "Mapping Fusarium Head Blight Resistance QTL in Chinese Wheat Line Wuhan 3," 1:00 pm, 306 Borlaug Hall.

June 25

APS Master's Defense Seminar, Neil S. Mattson, "Photoperiod, Irradiance, and Light Quality Affect Flowering of Herbaceous Annual Spring Crops," 9:00 am, 310 Alderman Hall.

June 25

APS Ph.D. Defense Seminar, "Breeding for Cold Chipping Potato Cultivars Through Sexual Polyploidization and Early Generation Selection," Ryan Hayes, 1:00 p.m. in 310 Alderman Hall.

June 26

APS Master's Defense Seminar, "Mapping Fusarium Head Blight QTL in the Chinese Wheat Line Fujian 5114," David Bowen, 9:00 a.m., 306 Borlaug Hall.

June 28

West Central Research & Outreach Center, Morris, MN, "Systems Application to Reduced Input Dairy Farming," Dennis Johnson, WCROC dairy scientist, Noon - 12:30 pm, WCROC Library.

July 2

APS Master's Defense Seminar, Thomas Hoverstad, "A Risk Management Approach to Herbicide Evaluation," 9:00 a.m., 306 Borlaug Hall.

July 31

Horticultural Science, Dr. Jutta Ludwig-Mueller, Institut fuer Botanik, Technische Universitaet Dresden, "Indole-3-butyric acid in plant development," 3:30 - 4:30 p.m., Room 310 Alderman Hall.

POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

UNIVERSITY OF MINNESOTA

Director of Student Services, College of Agricultural, Food and Environmental Sciences. Master's or Bachelor's degree with equivalent experience. Closing date: July 2, 2002 and will continue until position is filled.

UNIVERSITY OF MINNESOTA

Statewide Program Director, Regional Sustainable Development Partnerships, St. Paul Campus. PhD (appropriate to responsibilities of position). Closing date: July 1, 2002.

PIONEER HI-BRED INTERNATIONAL, INC.

Research Associate, Analytical Biochemistry - Trait and Technology Department,

Johnston, Iowa. Minimum requirements are a B.S. degree plus 2 years appropriate research experience.

Agronomy Gleanings, July 8, 2002

7/8/2002 8:00 AM

Agronomy Gleanings

Department of Agronomy and Plant Genetics, University of Minnesota

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

PHONE (612) 625-7773; FAX (612) 625-1268; E-MAIL agro@coafes.umn.edu

July 8, 2002

ANNOUNCEMENTS

Summer Field Day, Northwest Research and Outreach Center, Crookston, MN, July 10, 2002. Details at <http://www.nwroc.umn.edu>

Summer Station Day, West Central Research and Outreach Center, Morris, MN, Friday, July 12, 2002, 7:30 a.m.-1:00 p.m. Details at <http://wcroc.coafes.umn.edu>

3rd Annual Agriculture Open House, Saturday, July 27, 9:00 a.m. - 1:00 p.m., St. Paul Campus. Details at www.coafes.umn.edu/openhouse2002

Dr. C.A. Black, Professor Emeritus of Soils at Iowa State University died on Saturday night. Dr. Black was the author of several books, President of both the American Society of Agronomy and the Soil Science Society of America, and was the founder of CAST. No funeral arrangements have been announced as yet. Dr. Black had been in failing health for several months. -Bill Larson, Dept. of Soil, Water and Climate

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POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

AUBURN UNIVERSITY

Research Assistant/Associate, Turfgrass Research Unit, Dept. of Agronomy and Soils. B.S. or M.S. degree in Turf Management or a related discipline. Closing date: July 16, 2002.

USDA, CENTER FOR PLANT HEALTH SCIENCE & TECHNOLOGY

National Science Program Leader: Biotechnology, Raleigh, NC. Bachelor's or higher

degree in biological sciences, agriculture, natural resource management, chemistry, or related disciplines. Closing date: July 15, 2002.

USDA, CENTER FOR PLANT HEALTH SCIENCE & TECHNOLOGY

National Science Program Leader: Survey, Detection, and Identification Technology, Raleigh, NC. Bachelor's or higher degree in biological sciences, agriculture, natural resource management, chemistry, or related disciplines. Closing date: July 15, 2002.

USDA, CENTER FOR PLANT HEALTH SCIENCE & TECHNOLOGY

National Science Program Leader: Agricultural Quarantine and Inspection (AQI) and Port Technology, Raleigh, NC. Bachelor's or higher degree in biological sciences, agriculture, natural resource management, chemistry, or related disciplines. Closing date: July 15, 2002.

NORTH DAKOTA STATE UNIVERSITY

Postdoctoral Research Fellow, Department of Plant Sciences, Fargo, ND. Ph.D. in weed science, crop production, plant ecology, or closely related area. Closing date: July 1, 2002 or until filled.

NORTH DAKOTA STATE UNIVERSITY

Postdoctoral Research Fellow, Department of Plant Sciences, Fargo, ND. Ph.D. in genetics or related discipline. Closing date: July 8, 2002 or until filled.

MONSANTO COMPANY

Greenhouse Biologist, Middleton, WI. B.S. or A.A. in Biological Sciences or high school diploma with experience in plant propagation.

MONSANTO COMPANY

Trait Development Biologist, Middleton, WI. B.S. in Biological Sciences or Agriculture. Experience with plant growth and development are desired.

MONSANTO COMPANY

Senior Research Biologist, Middleton, WI. M.S. or B.S. (with related experience) in Biological Sciences or Agriculture.

Agronomy Gleanings, July 15, 2002

7/15/2002 8:00 AM

Agronomy Gleanings

Department of Agronomy and Plant Genetics, University of Minnesota

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

PHONE (612) 625-7773; FAX (612) 625-1268; E-MAIL agro@coafes.umn.edu

July 15, 2002

ANNOUNCEMENTS

Farewell for the Yudofs. A Twin Cities campus farewell lunch for Mark and Judy Yudof will be held on the Northrop plaza, 11:30 a.m. to 1:30 p.m., Tuesday, July 16. The program begins at 11:45 a.m. This "Hats Off to You" farewell salute includes Texas-style barbecue (from Famous Dave's Bar-B-Que) and live music. You can have your picture taken with your favorite cutout of the president in one of his many roles. Free shuttle bus service will be available from the St. Paul Student Union beginning at 11 a.m.

Scott Russell Sanders reading. The COAFES Program in Agricultural, Food, and Environmental Ethics is proud to present a reading and book signing by SCOTT RUSSELL SANDERS author of *Hunting for Hope* and *The Country of Language*, Thursday, July 18, at 7 pm, Marshall Field's Performance Hall, Open Book, 1011 Washington Avenue South. Co-sponsored by Milkweed Editions, Ruminator Books, and the Loft Literary Center.

Scott Russell Sanders writes with passion and elegance about the land and our obligations to it. He is Distinguished Professor of English at Indiana University and has been awarded fellowships from the Guggenheim Foundation, the National Endowment for the Arts, and the Lilly Endowment. He has received the Associated Writing Programs Award in Creative Nonfiction, the Kenyon Review Award for Literary Excellence, the Great Lakes Book Award, and the Ohioana Book Award. For an essay which appeared in *Audubon*, where he is a contributing editor, he won the John Burroughs Natural History Essay Award for 2000.

The Roseville Visitors Association left a packet of information in the Agronomy Main Office regarding hotels, meeting accommodations, restaurants, etc., in the Roseville area. They also offer complimentary planning services for meeting and conference needs.

3rd Annual Agriculture Open House, Saturday, July 27, 9:00 a.m. - 1:00 p.m., St. Paul Campus. Details at www.coafes.umn.edu/openhouse2002

SEMINARS

July 16

Rescheduled Special Seminar, "Global analysis of the maize genome: Relating genes and DNA sequences to chromosome regions," Dr. Bill Sheridan, University of North Dakota, 2:00 pm, 306 Borlaug Hall.

July 22

Department of Soil, Water, and Climate Head Candidate, Dr. Ed Nater, Department of Soil, Water, and Climate, "My Vision for the Department of Soil, Water and Climate," 375 Borlaug Hall, 11:00 am.

July 25

Department of Soil, Water, and Climate Head Candidate, Dr. Robert Hill, University of Maryland, "My Vision for the Department of Soil, Water and Climate," 375 Borlaug Hall, 11:00 am.

July 25

Special Biochemistry Department/Biotechnology Institute seminar, 12:00 p.m., Room 342, Gortner Lab. "Natural Rubber Synthesis In vitro; A New-Found Membrane BioReactor," Dr. Dhirayos Wititsuwannakul, Professor, Department of Biochemistry, Mahidol University, Bangkok, Thailand and Dr. Rapepun Wititsuwannakul, Professor, Department of Biology, Prince of Songkla University, Hat-Yai, Songkla Thailand.

POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

USDA, ARS, PLANT GENETIC RESOURCES CONSERVATION UNIT

Research Geneticist (Plants), Griffin, Georgia. Research position in molecular genetics to ascertain genetic resource needs of crop conserved at this Unit. PhD degree. Closing date: August 3, 2002.

UNIVERSITY OF MINNESOTA

Two-year postdoctoral position to conduct field research on the environmental fate and transport of soil fumigants in forest tree nurseries, Department of Soil, Water, and Climate, St. Paul, MN. PhD in soil science, environmental science, plant pathology, or a related field. Position available immediately.

NEW MEXICO STATE UNIVERSITY

College Assistant/Associate Professor and Superintendent, College of Agriculture and Home Economics, Las Cruces, New Mexico. MS in Agronomy, Agriculture, Engineering, Horticulture or related field. Closing date: August 15, 2002.

PIONEER HI-BRED INTERNATIONAL, INC.

Research Associate responsible for genetic marker analysis for soybean, Johnston, Iowa. B.S. degree or equivalent in Molecular Biology or related field plus at least two years of relevant laboratory experience.

Agronomy Gleanings, July 22, 2002

7/22/2002 8:00 AM

Agronomy Gleanings

Department of Agronomy and Plant Genetics, University of Minnesota

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

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July 22, 2002

ANNOUNCEMENTS

3rd Annual Agriculture Open House, Saturday, July 27, 9:00 a.m. - 1:00 p.m., St. Paul Campus. Details at www.coafes.umn.edu/openhouse2002

Orris Shulstad (85) died in late June as a result of injuries sustained in a vehicle accident. Shulstad worked for Northrup King, Pillsbury and Minnesota Crop Improvement until his retirement in 1974. He worked 10 years for the U.S. Agency for International Development in Tanzania, Bangladesh, South Korea and Ghana.

Horticulture Night, West Central Research and Outreach Center, Morris, MN, July 25, 5:00-9:00 p.m. Enjoy an evening in the garden! Walking tours, demonstrations, and much more. Details at <http://wcroc.coafes.umn.edu>

SEMINARS

July 23

Plant Biological Sciences, PhD Defense, Joel Eric Tallaksen, "Nutrient and Arbuscular Mycorrhizal Amendments in Prairie Restoration," 9:00 a.m., 306 Borlaug Hall.

July 25

M.S. Thesis Defense, William J. Wingbermuehle, "Separating function and form: Using genetic diversity and selective genotyping to determine if breeding populations are segregating for unknown Fusarium head blight (FHB) resistance genes in barley," 9:00 a.m., 306 Borlaug Hall.

July 25

Department of Soil, Water, and Climate Head candidate, Dr. Robert Hill, University of Maryland, "My Vision for the Department of Soil, Water and Climate," 375 Borlaug Hall, 11:00 a.m.

July 25

Special Biochemistry Department/Biotechnology Institute seminar, 12:00 p.m., Room 342, Gortner Lab. "Natural Rubber Synthesis In vitro; A New-Found Membrane BioReactor," Dr. Dhirayos Wititsuwannakul, Professor, Department of Biochemistry,

Mahidol University, Bangkok, Thailand and Dr. Rapepun Wititsuwannakul, Professor, Department of Biology, Prince of Songkla University, Hat-Yai, Songkla Thailand.

July 25

M.S. Thesis Defense, Hana Niemi, "Outcomes of Collaborative Learning in Agriculture," 1:30 p.m., 306 Borlaug Hall.

July 29

Director of Student Services candidate, Steve Carnes, "A Vision for Student Services in the College of Agricultural, Food and Environmental Sciences," 120 Coffey Hall, 1:00 to 1:45 p.m.

July 30

Director of Student Services candidate, Krista McCallum Beatty, "A Vision for Student Services in the College of Agricultural, Food and Environmental Sciences," 120 Coffey Hall, 1:00 to 1:45 p.m.

July 31

Department of Soil, Water, and Climate Head candidate, Dr. Robert Horton, Iowa State University, "My Vision for the Department of Soil, Water and Climate," 375 Borlaug Hall, 10:00 a.m.

July 31

Director of Student Services candidate, Larry Bjorklund, "A Vision for Student Services in the College of Agricultural, Food and Environmental Sciences," 120 Coffey Hall, 1:00 to 1:45 p.m.

August 1

Director of Student Services candidate, Kristine Pierre, "A Vision for Student Services in the College of Agricultural, Food and Environmental Sciences," 120 Coffey Hall, 1:00 to 1:45 p.m.

August 12

Department of Soil, Water, and Climate Head candidate, Dr. Robert Lascano, Texas A&M University, "My Vision for the Department of Soil, Water and Climate," 375 Borlaug Hall, 11:00 a.m.

POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

SOUTH DAKOTA STATE UNIVERSITY

County Extension Educator - Agronomy, Cooperative Extension Service, Ft. Pierre, SD. Bachelor's degree in Agriculture with a major in an agricultural field including course work and/or experience in agronomy. Closing date: August 8, 2002.

Agronomy Gleanings, July 29, 2002

7/29/2002 8:00 AM

Agronomy Gleanings

Department of Agronomy and Plant Genetics, University of Minnesota

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July 29, 2002

ANNOUNCEMENTS

Greetings from Cape Town! We made it to Cape Town on July 17th and have nearly settled into our new home for the year. Purchased a car last week (VW Golf), set up banking accounts, got cell phones and are still working on getting internet access at home. Driving on the left side of the road was a bit hairy at first but we are used to it now. Everyone drives very aggressively in small cars on streets with two lanes in the space of what would be one wide lane in the US. Weather the first week was sunny with highs in the 60's. Since then it has cooled to upper 50's & low 60's with showers daily. In the next couple of days you can view our adventures in Cape Town at <http://www.tc.umn.edu/~galat001/> Cheers! Mark Galatowitsch

Cristine Handel sends greetings to her friends in the Department. Cristine stopped here on Saturday before going on to New Jersey for business.

Farewell Coffee for Hana Niemi on Wednesday, July 31, 10:00 a.m. in 306 Borlaug Hall.

August 1st Field Day--The Alternative Swine Production Systems Program will host a Field Day and Legislator Appreciation Luncheon at the West Central Research & Outreach Center (WCROC) at Morris, MN. Activities will begin at 9:30 a.m., with a welcome, followed by educational programs related to the hoop structures on site. There will be a pig roast, locally grown food, guest speakers, and a "thank you" to the legislators at the luncheon (11:30-1:00). There will be more discussions of alternative production systems research and education after the luncheon, from 1:00-3:30 p.m. Please RSVP to Wayne Martin at 612-625-6224 or marti067@umn.edu.

MN-IA Drainage Research Forum, 8/13/02, Fairmont, MN. Registration deadline is August 5th. To register telephone/email your registration to Lowell Busman at 507.835.3620 or busma001@umn.edu. Please consider attending both the Drainage Forum and the Drainage & Water Quality Field Day scheduled for the following day, 8/14/02, Lamberton, MN. Contact Jeff Strock at 507.752.7372 or jstrock@soils.umn.edu for questions concerning the field day.

Call for Sustainable Ag Preproposals--The North Central Region Sustainable Agriculture Research and Education (NCRSARE) program is now accepting preproposals for its

research and education grant program. The pre-proposal deadline is September 6, 2002. Details at www.sare.org/ncrsare

SEMINARS

July 30

Director of Student Services candidate, Krista McCallum Beatty, "A Vision for Student Services in the College of Agricultural, Food and Environmental Sciences," 120 Coffey Hall, 1:00 to 1:45 p.m.

July 31

Department of Soil, Water, and Climate Head candidate, Dr. Robert Horton, Iowa State University, "My Vision for the Department of Soil, Water and Climate," 375 Borlaug Hall, 10:00 a.m.

July 31

Director of Student Services candidate, Larry Bjorklund, "A Vision for Student Services in the College of Agricultural, Food and Environmental Sciences," 120 Coffey Hall, 1:00 to 1:45 p.m.

July 31

Horticultural Science Special Seminar, Dr. Jutta Ludwig-Mueller, Institut fuer Botanik, Technische Universitaet Dresden, "Indole-3-butyric acid in plant development," 3:30 p.m., Room 310 Alderman Hall.

August 1

Director of Student Services candidate, Kristine Pierre, "A Vision for Student Services in the College of Agricultural, Food and Environmental Sciences," 120 Coffey Hall, 1:00 to 1:45 p.m.

August 12

Department of Soil, Water, and Climate Head candidate, Dr. Robert Lascano, Texas A&M University, "My Vision for the Department of Soil, Water and Climate," 375 Borlaug Hall, 11:00 a.m.

POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

SOUTH DAKOTA STATE UNIVERSITY

Assistant Professor/Extension Agronomist (Forage Crops), Brookings, SD. A PhD degree, by application deadline, in agronomy or related discipline with emphasis on forage production and management. Closing date: September 1, 2002.

UNIVERSITY OF WISCONSIN--EXTENSION

Agriculture Educator, specializing in Farm Business Management, Washington County

Extension office, West Bend. Master's degree with at least one degree such as agricultural economics, dairy science, animal science or agriculture education. Closing date: July 24, 2002.

Agronomy Gleanings, August 5, 2002

8/5/2002 8:00 AM

Agronomy Gleanings

Department of Agronomy and Plant Genetics, University of Minnesota

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

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August 5, 2002

ANNOUNCEMENTS

Cargill Building for Microbial and Plant Genomics is the official name of the genomics research building under construction on Gortner Avenue. Approved by regents in June, the name recognizes Cargill Foundation gift of \$10 million, half the building cost.

Call for Preproposals - SARE Research and Education Grant Program for 2003. Deadline for receipt, September 6, 2002. Contact Jeanne Davy for information.

North Central Integrated Pest Management (IPM) request for applications - Letter of Intent by September 13, 2002; fully developed proposal by October 18, 2002. Contact Jeanne Davy for information.

Cell Phone Drive. The Diversity Council of the Federal Executive Board is asking for your support in conducting this year's annual collection of excess cell phones. The drive will be conducted Monday, August 5 through Tuesday, September 3, 2002. The cell phones will be donated to Twin Cities (TC) Wireless where they will be reprogrammed. The cell phones are then distributed to victims of domestic violence. Any cell phones that are too old to be reprogrammed, Twin Cities Wireless will make provisions to recycle the phones. Proceeds from the recycling will be donated to the TEEN CHALLENGE Program. Donations will be accepted and can be dropped off between 7:00 AM - 3:30 PM in room 454 Borlaug Hall. Thanks for your support. --Doreen Murray, Dept. of Soil, Water, and Climate

A book written by Rex Bernardo, "Breeding for Quantitative Traits in Plants" (ISBN 0-9720724-0-3, hardcover, 369 pages, 60 tables, 66 figures) is now available at <http://stemmapress.com>. A copy costs \$65 + \$4.23 tax, with free shipping (i.e., hand delivery by the author) to campus addresses. A display copy is in the Agronomy and Plant Genetics main office.

SEMINARS

August 7

Dept. of Plant Pathology, M.S. Thesis Defense, Shawn Bernick, "The assessment of diversity within Minnesota populations of *Sclerotinia homoeocarpa* and the development

of species specific PCR primers for the detection of North American Sclerotinia homoeocarpa isolates," 9:00 a.m., 491 Borlaug Hall.

August 9

Department of Biochemistry, Molecular Biology and Biophysics and Department of Dermatology, "ATR in the Cell Cycle of Normal and Cancer Cells. An Achilles Heel for Cancer?," Dr. Paul Nghiem, Dept. of Chemistry and Chemical Biology, Harvard University and HHMI, 10:30 a.m., 6-135 Jackson Hall, Minneapolis Campus.

August 12

Department of Soil, Water, and Climate Head candidate, Dr. Robert Lascano, Texas A&M University, "My Vision for the Department of Soil, Water and Climate," 375 Borlaug Hall, 11:00 a.m.

POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

KANSAS STATE UNIVERSITY

Graduate Research Assistant/Instructor, Department of Agronomy, Manhattan, KS. B.S. or M.S. in Agronomy, Plant Sciences, Soil Sciences, or related discipline.

KANSAS STATE UNIVERSITY

Graduate Research Assistant, Department of Agronomy, Manhattan, KS. B.S. degree in Soil Science, Agronomy, or closely related discipline.

USDA, ARS

Agronomist, Plant Genetics Resources Conservation, Griffin, Georgia. PhD. Closing date: September 9, 2002.

Agronomy Gleanings, August 12, 2002

8/12/2002 8:00 AM

Agronomy Gleanings

Department of Agronomy and Plant Genetics, University of Minnesota

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

PHONE (612) 625-7773; FAX (612) 625-1268; E-MAIL agro@coafes.umn.edu

August 12, 2002

ANNOUNCEMENTS

St. Paul Campus Library Updates:

- Use electronic reserves - put your reserve materials on the Web! Call Dana Peterson at Magrath Library, 4-7473, for more info, or see <http://www.lib.umn.edu/borrowing/reserves.phtml>
- Take a library workshop before school begins - short sessions on EndNote, effective searching, the new MNCAT, grant resources, e-journals and more will be offered August 19-21. Sign up at <http://www.lib.umn.edu/registration/>
- Introduce your students to the library - arrange for your class to come to the Library for a hands-on introduction. Contact the Magrath Reference desk at magrath@umn.edu or 4-1212.
- Request a library-related Web site for your course - contact the Magrath Reference desk and see examples at <http://courses.lib.umn.edu/>
- Check the due date for your library books - sign in to "Your Account" on the new MNCAT.

Wilmot Wellington is seeking employment. He is a refugee from Liberia who is currently working part-time with the Minnesota Department of Agriculture. Mr. Wellington has a B.S.C. degree in Agriculture from the University of Liberia with experience in rubber tree plantation management. He also participated in a Bank Skills Training Program to develop additional skills. Wilmot Wellington can be contacted at (651) 255-9778 or contact Penny Kianian (kiani002@umn.edu) for a copy of Mr. Wellington's resume.

10th Annual Kuehnast Lecture Program, October 11, 2002, 12:30-4:30 p.m., University of Minnesota McNamara Center, Minneapolis Campus. Hosted by Department of Soil, Water, and Climate.

SEMINARS

August 14

M.S. Defense, "The effect of sediment nutrient variation, water depth and emergent aquatic perennials on wild rice (*Zizania palustris*) production at the Rice Lake National Wildlife Refuge," Tara Carson, Soil, Water, and Climate, 9:00 a.m., 375 Borlaug Hall.

August 16

M.S. Thesis Defense, "Nitrogen Fixation in Illinois Bundleflower (*Desmanthus illinoensis*)," Jimmy Byun, 12 noon, 306 Borlaug Hall.

POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

SOUTH DAKOTA STATE UNIVERSITY

Assistant Professor of Plant Science (50% extension and 50% research), Brookings and Rapid City, SD. Earned PhD in agronomy or related crop production sciences must be completed by January 1, 2003. Closing date: October 15, 2002.

SOUTH DAKOTA STATE UNIVERSITY

County Extension Educator - Agronomy (deadline extended), Mound City, SD. Bachelor's degree in Agriculture with a major in an agricultural field including course work and/or experience in agronomy. Prefer Master's degree. Applications accepted through August 23, 2002 or until suitable applicant is employed.

UNIVERSITY OF NEBRASKA-LINCOLN

Pioneer Named Graduate Research Fellowship/ Assistantship in Plant Breeding and Genetics. B.S. or M.S. degree must be complete before the position start date, Jan. 2003. Appropriate academic credentials in chemistry, biology, mathematics, genetics and other basic sciences expected. Closing date: November 15, 2002.

UNIVERSITY OF TURKU, FINLAND

Two-year postdoctoral research associate, oxidative stress-group, Laboratory of Plant Physiology and Molecular Biology. PhD degree and background in molecular biology, biochemistry, genetics or plant physiology is required. Closing date: October 31, 2002.

THE UNIVERSITY OF TOKYO

Scholarship competition, Doctoral Studies in Agricultural Development, Graduate School of Agricultural and Life Science. Master's degree by September 30, 2003 or research experience equivalent to a master's degree. The Office of International Agricultural Programs, Univ. of Minnesota, must receive applications by December 20, 2002.

PURDUE UNIVERSITY

Research Geneticist (Wheat and Oat Genetics and Breeding), Department of Agronomy. PhD in Plant Genetics, Plant Breeding, or a related field with two years experience in plant genetics/breeding and laboratory protocols in molecular biology required. Closing date: September 1, 2002.

Agronomy Gleanings, August 19, 2002

8/19/2002 8:00 AM

Agronomy Gleanings

Department of Agronomy and Plant Genetics, University of Minnesota

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

PHONE (612) 625-7773; FAX (612) 625-1268; E-MAIL agro@coafes.umn.edu

August 19, 2002

ANNOUNCEMENTS

Parking - State Fair Alert

- Minnesota State Fair begins August 22. Due to increased security, the State Fair will allow only pedestrian access to the Fair at the Commonwealth/Dan Patch gate. St. Paul police will control the intersection at Cleveland and Commonwealth.
- During the business day Monday-Friday St. Paul campus will be open to all vehicle traffic. Both Buford and Carter Avenues will remain open at Cleveland Avenue North.
- As in 2001, access to the northeast portion of campus will be restricted weekdays from 6:00 pm to 6:00 am and all day on weekends and Labor Day.
- To enter the restricted area after hours or on weekends, use the intersection at Folwell and Cleveland Avenues. You must present a valid U Card I.D. to the University Police security monitor posted there to gain access.
- Lot S104 will be closed to University faculty and staff from 11:00 pm on Wednesday, August 21 until 6:00 am on Tuesday, September 3.
- St. Paul Campus Parking View Map:
<http://www1.umn.edu/pts/maps/spcolr.htm>
- If you have questions, contact Parking and Transportation Services at 612-626-7275, e-mail parking@tc.umn.edu or fax 612-624-8899.

POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

KANSAS STATE UNIVERSITY

Post-doctoral Research Associate, Department of Agronomy, Manhattan, KS. Ph.D. in soil science, agronomy, ecology or related field. Supervise a project evaluating LIBS for measurement of carbon and other soil properties. Screening of applications will start October 1, 2002. Applications accepted until position is filled.

KANSAS STATE UNIVERSITY

Post-doctoral Research Associate, Department of Agronomy, Manhattan, KS. Ph.D. in soil science, agronomy, ecology or related field. Assist in coordination of a large multi-institutional project on carbon sequestration in agricultural soils. Screening of applications will start October 1, 2002. Applications accepted until position is filled.

KANSAS STATE UNIVERSITY

Post-doctoral Research Associate, Department of Agronomy, Manhattan, KS. Ph.D. in soil microbiology, soil science, microbiology, agronomy, ecology or related field. Conduct research on dynamics of soil organic matter in agricultural systems as it relates to carbon sequestration in soils. Screening of applications will start October 15, 2002. Applications accepted until position is filled.

NORTH DAKOTA STATE UNIVERSITY

Postdoctoral Research Fellow, Department of Plant Sciences. Ph.D. in agronomy, plant pathology, plant science, biotechnology, horticulture, or closely related field of study. Experience hybridizing and applying tissue culture techniques to small grains. Closing date: August 16, 2002 or until filled.

UNIVERSITY OF NEBRASKA-LINCOLN

Pioneer Named Graduate Research Fellowship/Assistantship in Plant Breeding and Genetics. B.S. or M.S. degree must be complete before the position start date, Jan. 2003. Appropriate academic credentials in chemistry, biology, mathematics, genetics and other basic sciences expected. Closing date: November 15, 2002.

Agronomy Gleanings, August 30, 2002

8/30/2002 8:00 AM

Agronomy Gleanings

Department of Agronomy and Plant Genetics, University of Minnesota

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

PHONE (612) 625-7773; FAX (612) 625-1268; E-MAIL agro@coafes.umn.edu

August 30, 2002

ANNOUNCEMENTS

Labor Day holiday, Monday, September 2. University offices will be closed.

Fall semester classes begin September 3.

Fall Kick-off Barbecue and Potluck, Applied Plant Sciences Program, Wednesday, September 4, 2002, 5:00-8:00 p.m., Como Park shelter near Midway and Como/Horton Avenues. All APS faculty, staff, post-docs, graduate students, their families, and significant others are welcome. Please bring 1) favorite salad, side dish, or sweets to share, 2) "grown-up" beverages, if desired, 3) frisbee, ball, cards, or musical instrument, 4) jacket and/or bug spray, 5) suggested donation: \$2/person or \$5/family to cover burgers, buns, and general beverages. Please RSVP to Rachel Mann (rachelmann@yahoo.com) by August 30.

A Moment of Remembrance, Wednesday, September 11, 4:30-6:30 p.m., Northrup Plaza, U of MN, East Bank Campus. For more information: gaps@tc.umn.edu or 612-625-2982.

Open House, Southern Research & Outreach Center, Waseca, MN, Shaping the Future of Agriculture and Rural/Urban Life, Thursday, September 12, 2:30-8:00 p.m. Displays and informational booths. Hog roast 5:00-7:00 p.m. For more information, call 507-835-3620.

Employee Benefits Informational Forum. Learn more about your new UPlan options, Tuesday, September 17, 11:30 a.m. to 12:45 p.m., St. Paul Student Center Theater.

Update Your Personal Information for the 2002-2003 Student Staff Directory at <http://hrss.umn.edu> by September 20, 2002.

US Postal Service Information. Due to heightened security measures, all international mail weighing 16 ounces or over, MUST be presented to a retail clerk at a post office/St. Paul Student Center post office. A Customs green form CN 22 must be used on International mail up to 4 pounds, and a Customs white form for 4 pounds or over.

MCIA's Centennial Celebration. In 2003, the Minnesota Crop Improvement Association will celebrate 100 years of service to agriculture and the seed industry. A Centennial Celebration is being planned for the 2003 Annual Meeting. The event will be held January 19 & 20 at the Four Points Sheraton, Minneapolis, MN. Please mark the dates on your calendar. The MCIA staff is looking for information, photos, memorabilia, etc., related to its history. If you have anything you would like to share, please contact Roger Wippler at 625-7766.

Statistical Consulting for U of M Faculty, Staff and Graduate Students. For hours, an appointment, or more information check their web site: <http://www.stat.umn.edu/consulting>.

SEMINAR

September 4

Department of Biochemistry, Molecular Biology and Biophysics, "Application of Mass Spectrometry to Study Signal Transduction In Vivo," Dr. Paul R. Graves, Dept. of Pharmacology and Cancer Biology, Duke University, 4:00 p.m., 2-520 Moos Tower, Minneapolis Campus.

POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

OKLAHOMA STATE UNIVERSITY

Associate or Full Professor level, Sitlington Chair in Molecular Plant Biology, Agricultural Sciences and Natural Resources. Doctorate in a biological science and an internationally recognized research program that focuses on fundamental mechanisms in plant biology. Closing date: October 1, 2002.

OKLAHOMA STATE UNIVERSITY

Two Assistant Professors in Functional Genomics, Stillwater, OK. One position will be housed in the Dept. of Entomology and Plant Pathology and will work on functional genomics of plant pathogenic fungi and their host plants. The other position is in the Dept. of Biochemistry and Molecular Biology and the program should focus on the functional genomics of the effects of variation in the physical environment. Closing date: September 1, 2002.

UNIVERSITY OF WISCONSIN-EXTENSION

Agriculture Agent specializing in dairy, livestock and farm management, Oconto, WI. Master's degree with at least one degree in agriculture, agriculture education, agricultural economics and/or animal sciences. Closing date: September 9, 2002.

ARIZONA STATE UNIVERSITY

Assistant/Associate Specialist, Department of Plant Sciences, Yuma Agricultural

Center. PhD in horticulture, crop sciences or a closely related field with an emphasis in the physiology of vegetable crops. Closing date: November 1, 2002.

SOUTH DAKOTA STATE UNIVERSITY

County Extension Educator - Agronomy, Hot Springs, SD. Earned Bachelor's degree in Agriculture with a major in an agricultural field including course work and/or experience in agronomy. Closing date: September 13, 2002.

Agronomy Gleanings, September 9, 2002

9/9/2002 8:00 AM

Agronomy Gleanings

Department of Agronomy and Plant Genetics, University of Minnesota

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

PHONE (612) 625-7773; FAX (612) 625-1268; E-MAIL agro@coafes.umn.edu

September 9, 2002

TRIVIA FOR THE DAY--How many square feet in an acre? Answer: a fact = 43,560 sq. ft. How do you know the fact is the answer? What is the information behind the fact? A furlong (farrow long) was the distance a team of oxen could pull a plow in the clay soils of England before needing to be rested. This became the typical length of an English field. The area plowed in one day equaled an acre, i.e., 660 feet by 66 feet (43,560 sq. ft.). Can you visualize an acre? The playing area of a football field is 160 feet x 300 feet or 48,000 sq. ft. --Submitted by Vern Cardwell

ANNOUNCEMENTS

The North Central Soybean Research Program (NCSRP) is seeking research preproposals for fiscal year 2003. The NCSRP is an organization that invests soybean checkoff dollars into research projects that benefit soybean producers. The NCSRP invests approximately \$1.6 million of soybean checkoff funds annually. Preproposals are due 1 November 2002 in the North Central Soybean Research Program office. Forms can be downloaded from www.ncsrp.com, or see Jeanne Davy.

Kickoff 2002 is a new College of Agricultural, Food and Environmental Sciences event for faculty, staff and students which will be held from 11:30 a.m. to 1:00 p.m. on Tuesday, Sept. 10, in the North Star Ballroom in the St. Paul Student Center. It has three purposes: 1) Welcome students back and celebrate the advances we are making in exemplary education; 2) Preview the nine-funded initiative within the College's six priorities. These efforts emphasize interdisciplinary research opportunities and have potential to leverage funding for broad-based research, outreach and teaching; and 3) Provide a short 15-minute program with ample opportunities to visit tables for each initiative and visit with faculty, staff and students while enjoying free pizza.

University of Minnesota Department of Recreational Sports, Jam Week Fall 2002, September 9-13. For free class week schedule, see <http://www.recsports.umn.edu/programs/fitness/JamWeek.htm>. Drawings for prizes, plus free stuff at designated classes.

"A Moment of Remembrance," an event to commemorate the events of 9/11, will be held Wednesday, September 11, 4:30-6:30 p.m., on the Northrup Plaza. Program will include speakers, music, dance, and an art installation. For more information:

gaps@tc.umn.edu or 612-625-2982.

The St. Paul Campus Bowling League is currently looking for people interested in forming new teams or joining existing teams. The league bowls Wednesdays and Thursdays at 5:30 p.m. at the St. Paul Student Center. An open house will be held September 12 at 5:00 p.m. at the St. Paul Student Center for those interested. Individuals may also receive more information and sign up by contacting Pam Warnke (612-625-3153, alter002@umn.edu) or Doug Miller (612-625-7067, mille035@umn.edu).

Open House, Southern Research & Outreach Center, Waseca, MN, "Shaping the Future of Agriculture and Rural/Urban Life," Thursday, September 12, 2:30-8:00 p.m. Displays and informational booths. Hog roast 5:00-7:00 p.m. For more information, call 507-835-3620.

COAFES Online Writing Center is pleased to provide writing-intensive assistance to students and faculty in the College of Agricultural, Food, and Environmental Sciences during the 2002-2003 academic year. Tutoring services officially start on Monday, September 16, 2002. For Faculty Online Resources, see <http://www.owc.umn.edu/onlineresources.html>. To receive tutoring via the OWC web site, undergraduate and graduate students can go to <http://www.owc.umn.edu> and select the "submit writing" link. For more information about OWC tutoring services, contact Dr. Lee-Ann Kastman Breuch at lkbrech@umn.edu or 612-624-6727.

Toastmasters' Open House meeting, Thursday, September 12, 11:35-12:30, North Central Forest Service Experiment Station, St. Paul Campus. For more information: Ann Lewandowski (612-624-6765), Teri Heyer (651-649-5239) or <http://toastmasters.org>

Employee Benefits' Informational Forum. Learn more about your new UPlan options, Tuesday, September 17, 11:30 a.m. to 12:45 p.m., St. Paul Student Center Theater.

Updated U Style Manual is now available at U Bookstores for \$3.75. Manual was written to foster consistency in U communications and suggests solutions to common writing and editing problems. To order, call 612-625-6000. Manual is also available online at <http://www1.umn.edu/urelate/style/>

SEMINARS

September 10

Plant Biological Sciences, Graduate Program Reception, 335 Borlaug Hall, 3:30 p.m. All PBS graduate students, graduate faculty, and staff are strongly encouraged to attend this special gathering to meet the new 2002 graduate students and faculty. Refreshments will be served.

September 11

Dept. of Biochemistry, Molecular Biology, and Biophysics, The Stanley Dagley Lectureship, Dr. Arthur Kornberg, Nobel Laureate, Emeritus Professor of Biochemistry, Stanford University School of Medicine, "Reflections on DNA Replication and Current Studies on Inorganic Polyphosphate," 4:00 p.m., 33 McNeal Hall.

September 12

Dept. of Biochemistry, Molecular Biology, and Biophysics, The Stanley Dagley Lectureship, Dr. Arthur Kornberg, Nobel Laureate, Emeritus Professor of Biochemistry, Stanford University School of Medicine, "Biotechnology: Academia and/or Business," 4:00 p.m., 33 McNeal Hall.

September 20

Center for Plants and Human Health, "Role of Carbohydrates in Diabetes Risk, Assessing the Evidence: Proven and Uncertain," David R. Jacobs, Ph.D., Professor, Epidemiology, 1:30-3:00 p.m., 306 Borlaug Hall.

POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

SYNGENTA SEEDS, INC.

Full-time Research Technician, Janesville, WI, Corn Research Station. An AA or BS/BA degree in an agricultural related field and/or direct equivalent hands-on agricultural work experience is preferred. Closing date: September 13, 2002.

UNIVERSITY OF WISCONSIN-EXTENSION

Agriculture Agent specializing in commercial horticulture, Wisconsin Rapids. Master's degree with at least one degree in a field such as horticulture or agriculture education. Closing date: September 25, 2002.

UNIVERSITY OF WISCONSIN-EXTENSION

Crops and Soils Educator, Janesville, WI. Master's degree with at least one degree in a field such as soils, agronomy or agriculture education. Closing date: October 2, 2002.

Agronomy Gleanings, September 16, 2002

9/16/2002 8:00 AM

Agronomy Gleanings

Department of Agronomy and Plant Genetics, University of Minnesota

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

PHONE (612) 625-7773; FAX (612) 625-1268; E-MAIL agro@coafes.umn.edu

September 16, 2002

ANNOUNCEMENTS

Emeritus Professor Robert G. Robinson passed away Thursday, Sept. 12. No further details are available at this time. We will provide any new information as we receive it. Regards, Burle

Employee Benefits' Informational Forum. Learn more about your new UPlan options, Tuesday, September 17, 11:30 a.m. to 12:45 p.m., St. Paul Student Center Theater.

University Event Planners: Here's a heads up... The McNamara Alumni Center currently has many non-University events on Wait List status for September and October 2003. Before we confirm them, we want to give University event planners a final opportunity to book fall of 2003 events. We know it is difficult to book that far in advance, but we need to keep up with the demand. As the primary users of the alumni center, University clients are able to reserve rooms up to two years in advance while non-University clients have up to one year in advance, with the exception of summer months and the last two weeks in December. If you are planning on having an event(s) at the McNamara Alumni Center and have not yet reserved a room, please call us soon at 612-624-9831. P.S. We will wait until the end of September and end of October to confirm non-University reservations for those months' events; however, beginning in November, we will return to the one-year-in-advance policy for non-University clients. - McNamara Alumni Center

The IR-4 Biopesticide Research Program (USDA) announces a request for grant proposals for funding in 2003. Biopesticide proposals are due on November 15, 2002. See Jeanne Davy for details.

Announcing a National Science Foundation (NSF) Grants Workshop, February 12, 2003, 7:30 a.m. - 4:00 p.m., Earle Brown Continuing Education Center, Room 135 B/D. Please hold the date! Registration forms will soon be made available online. For further workshop information, please contact Elizabeth Soucy: esoucy@umn.edu or 612-624-9739.

Ag Fibe 2002 Conference, "Growing Our Industries," November 13-15, 2002, Winnipeg,

Manitoba, Canada. The purpose of the conference is to promote and advance the use of agricultural biomass (agri-fibre) as a raw material for industrial applications. For more information, please visit www.agrifibre.mb.ca

U of M selected to host inaugural broadcast of 'Hardball with Chris Matthews' College Tour, 8 p.m., Wednesday, Sept. 18, Northrup Auditorium, Minneapolis Campus. Gov. Jesse Ventura will be the guest for the live broadcast on MSNBC. Students, faculty and staff, and the public are invited to attend and are encouraged to show school spirit by wearing maroon and gold. For more information, call 612-624-2345.

University Stores 16th Annual Open House, Wednesday, Sept. 18, 10:00 a.m. - 2:00 p.m., Radisson Hotel Metrodome, 615 Washington Avenue SE. Lunch served: 11:00-1:00 p.m.

University Technology Training Center, Fall 2002 Computer Training. For classes, see www.umn.edu/uttc

SEMINARS

September 16

Applied Plant Sciences, "Statistics in Genomics: Design and Analysis of a Microarray Experiment," Martin Arbelbide, APS Graduate Student, advised by Dr. Rex Bernardo, 3:30 p.m., 306 Borlaug Hall.

September 17

Department of Plant Pathology, Ph.D. Thesis Defense, Alan Dyer, "Viability and Survival of *Aphanomyces cochlioides* Oospores," 1:30 p.m., 491 Borlaug Hall.

September 17

Plant Biological Sciences Colloquium, "Positioning the Basal Bodies in *Chlamydomonas*," Dr. Carolyn Silflow, 3:30 p.m., 335 Borlaug Hall.

September 18

Department of Biochemistry, Molecular Biology & Biophysics, "The transcription Factor ER81 and its Role in Breast Cancer," Dr. Ralf Janknecht, Dept. of Biochemistry and Molecular Biology, Mayo Clinic, 4:00 p.m., 2-520 Moos Tower, Minneapolis Campus.

September 20

Center for Plants and Human Health, "Role of Carbohydrates in Diabetes Risk, Assessing the Evidence: Proven and Uncertain," David R. Jacobs, Ph.D., Professor, Epidemiology, 1:30-3:00 p.m., 306 Borlaug Hall.

September 23

Applied Plant Sciences, Master's Defense, Irina Makarevitch, "Characterization of transgene loci generated via microprojectile bombardment," Advisor: David Somers,

9:00 am, 306 Borlaug Hall.

POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

UNIVERSITY OF NEBRASKA-LINCOLN

Graduate Research Assistant, Soil Acidity and Liming, Department of Agronomy and Horticulture. B.S. or M.S. degree in Agronomy, Soil Science, Environmental Science, Biology, Chemistry, or a related field and excellent academic credentials.

Agronomy Gleanings, September 23, 2002

9/23/2002 8:00 AM

Agronomy Gleanings

Department of Agronomy and Plant Genetics, University of Minnesota

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

PHONE (612) 625-7773; FAX (612) 625-1268; E-MAIL agro@coafes.umn.edu

September 23, 2002

ANNOUNCEMENTS

Departmental Coffee, Thursday, September 26, 306 Borlaug Hall. Remember to bring your own cup. Everyone in the department is welcome. -Sponsored by Syngenta

Fall Social, Friday, October 4, 3:00-4:30 p.m., 306 Borlaug Hall. Mark your calendar. Details to follow.

Robert G. Robinson, Faculty Emeritus, age 82, died of an accidental fall, Friday, September 13 at his home in 1666 Coffman. A Gathering to Remember him was held Monday, September 23 at 4:00 pm in the Minnesota Commons, St. Paul Student Center. Dr. Robinson was a faculty member in the Department of Agronomy and Plant Genetics from 1948 until his retirement in 1986.

Congratulations to Robert Jones on his newly expanded role at the University. His new title is Vice President and Executive Vice Provost for Faculty and Academic Programs.

2002 Fall Classes at Magrath Library:

- "Searching: 14 Habits of Highly Effective Searchers," Sept. 25, Oct. 10, Nov. 7. Learn methods that will save you time and help you focus your searches, in both journal article indexes and the Web.

- "Automatic E-mail Updates," Sept. 25, Oct. 10, 22, Nov. 7, 12. Set up searches in Current Contents, Biosis or other selected indexes and receive the results regularly via e-mail.

Register for these and other classes at <http://www.lib.umn.edu/registration>. If these times don't fit your schedule, please contact the Magrath Reference Desk to make arrangements for a special session: magrath@umn.edu or 612-624-1212.

2002 Employee Health and Benefits Fair will be held October 29 on the St. Paul Campus. Mark your calendar.

The Luce Scholars Program of Professional Apprenticeships in Asia deadline is November 1, 2002. For more information: <http://www.hluce.org>.

E.C. Stakman Award Lecture, Department of Plant Pathology, "Wheat and Rust," by Dr.

Robert A. McIntosh, E.C. Stakman Award Recipient, Thursday, October 17, 2002, 3:15 p.m. Reception, 4:00 p.m. Lecture, Minnesota Commons, St. Paul Student Center.

SEMINARS

September 24

Plant Biological Sciences, Dr. Cynthia Weinig, Dept. of Plant Biology, "The genetic basis of life-history traits in natural Arabidopsis populations," 3:30 p.m., 335 Borlaug Hall.

September 25

Biochemistry, Molecular Biology and Biophysics, "Structural Basis for Down-Regulation of Smooth Muscle Myosin," Dr. Christine Cremo, Dept. of Biochemistry, Univ. of Nevada, Reno, 4:00 p.m., 2-520 Moos Tower, Minneapolis Campus.

September 30

COAFES, Dr. Gerrit van Wyk, Dean, College of Natural and Agricultural Sciences, University of Free State, South Africa, Opportunities for International Exchange, 10:30 a.m.-12:00 noon, 119 Classroom Office Building.

September 30

Plant Pathology, Dr. Shaobin Zhong, Res. Assoc., Biotechnology Institute, "Classical and molecular genetics of virulence in *Cochliobolus sativus*," 3:00 p.m., 365 Borlaug Hall.

September 30

Applied Plant Sciences (APS), Krishona Martinson, Graduate Student, "Growth and Development of Wild Oat," 3:30 p.m., 306 Borlaug Hall.

POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

UNIVERSITY OF WISCONSIN-EXTENSION

Agriculture Educator, specializing in Farm Business Management, West Bend, WI. Master's degree with at least one degree in agricultural economics, dairy science, animal science or agricultural education. Closing date: October 14, 2002.

UNIVERSITY OF WISCONSIN-EXTENSION

Agriculture Agent, specializing in Farm Business Management, Wautoma, WI. Master's degree with at least one degree in agricultural economics, agricultural business or agricultural education. Closing date: October 9, 2002.

UNIVERSITY OF MINNESOTA

Graduate Research Assistant, Minnesota Center for Survey Research (MCSR). U of M registered graduate student. Closing date: October 4, 2002 at 4:30 p.m.

Agronomy Gleanings, September 30, 2002

9/30/2002 8:00 AM

Agronomy Gleanings

Department of Agronomy and Plant Genetics, University of Minnesota

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

PHONE (612) 625-7773; FAX (612) 625-1268; E-MAIL agro@coafes.umn.edu

September 30, 2002

ANNOUNCEMENTS

Agronomy and Plant Genetics Fall Social, Friday, October 4th, 2:30-4:30 p.m. (note time change), 306 Borlaug Hall. Come and enjoy delicious treats and meet staff, students, and faculty new to the department since last fall.

Important Notice: Starting November 1, 2002, departments that operate 15-passenger vans will be required to have drivers complete a 2-hour driver training session. Training sessions will be held at Fleet Services on the following dates:

October 9, 2-4 pm

October 23, 10-noon

November 6, 2-4 pm

November 20, 10-noon

December 4, 2-4 pm

December 18, 10-noon

Please contact Stephanie Rodriguez at 612-625-8589 to sign up for training.

Civil Service Fall Appreciation Luncheon for ALL Agronomy Dept. Civil Service employees will be held Thursday, November 7, 12:00-2:00 pm in 306 Borlaug Hall. RSVP to Gail Nelson, 411 Borlaug Hall or email gnelson@umn.edu by October 25.

University Forum on Supporting the Research Agenda continues the discussion of the influence of external forces on the choice of intellectual pursuits. October 9: Opportunities and obligations of funding; October 15: Reconcilable differences; October 16: The land grant mission, post 9/11; October 22: Companies and Centers; October 30: Conflicting roles in the biomedical research agenda; November: Who sets the agenda and for what reasons? Details online at <http://www.research.umn.edu/forum/>.

2002 Harvest Bowl Farmer's Share Breakfast, Saturday, October 12. Email Jolene Keim keim0015@umn.edu or Karin Tesmer ktesmer@hotmail.com to volunteer to help.

10th Annual Kuehnast Lecture, hosted by the Department of Soil, Water, and Climate, October 11, 2002, 12:30 to 4:30 p.m., University of Minnesota McNamara Alumni Center on the Minneapolis Campus. The title of this year's program is "Global Climate Change: Uncertainties, Risks, and Values in Determining Public Policy." For more

information: http://www.climate.umn.edu/doc/journal/kuehnast_lecture/kuehnast.htm.

COAFES Career Day, Tuesday, October 15, 2002, 10:00 am to 3:00 pm, North Star Ballroom, St. Paul Student Center. For details: www.coafes.umn.edu/career
SEMINARS

October 1

Plant Biological Sciences, Dr. David Weiss, Institute of Plant Science and Genetics in Ag., Hebrew Univ., Jerusalem, "Rose Scent: An integrated genomic approach to discovering novel fragrance-related genes," 3:30 p.m., 335 Borlaug Hall.

October 2

What's Up in Sustainable Agriculture (WUSA), Caroline Van Schaik, The Land Stewardship Project, "Multiple Benefits of Agriculture," 12 noon, 306 Borlaug Hall.

October 3

Ph.D. Defense Seminar, "Analysis of the Sugarcane Bacilliform Virus Promoter in Both Monocots and Dicots," Nadiya Al-Saady, 10:00 a.m., 306 Borlaug Hall.

October 3

Biotechnology Institute, Eberhard O. Voit, Prof., Medical Univ. of South Carolina, "Understanding Complex Systems Through Modeling: Challenges, Methods and Partial Solutions, 3:30 p.m., 239 Gortner Labs, St. Paul Campus.

October 4

Special Seminar, Dept. of Agronomy and Plant Genetics, "Population dynamics of a wild progenitor: *Triticum dicoccoides*," Dr. Abdullah Jaradat, Research Leader, USDA Morris, 12 noon, 306 Borlaug Hall.

October 7

Applied Plant Sciences (APS), Jianming Yu, Graduate Student, "Changes in Genetic Variance During Advanced Cycle Breeding in Maize," 3:30 p.m., 306 Borlaug Hall.

October 9

Plant Pathology Special Seminar, Dr. Paul Manion, Prof., College of Environmental Sciences and Forestry, SUNY, Syracuse, "A Healthy Amount of Disease in the Forest," 3:00 p.m., 491 Borlaug Hall. Wine and cheese reception follows seminar.

October 9

Biochemistry, Molecular Biology, and Biophysics, "Regulatory Interactions of Phospholamban and Sarcolipin with the Calcium Pump: Involvement in Muscle Disease," by Dr. David H. MacLennan, Banting and Best Department of Medical Research, Univ. of Toronto, Ontario, Canada, 4:00 p.m., 2-520 Moos Tower, Minneapolis Campus.

POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

UNIVERSITY OF MISSOURI-COLUMBIA

Research Associate, Plant Sciences Unit/ Agronomy. Ph.D. degree in Genetics or Molecular Biology. Two year postdoctoral experience in genome mapping, genotyping technologies and molecular genetics lab management. Closing date: December 2, 2002.

UNIVERSITY OF MISSOURI-COLUMBIA

Research Associate, Director of SCN Bioassays, Soybean Breeding and Genetics, Plant Sciences Unit/Agronomy. M.S. in Agronomy with significant experience in conducting and directing SCN bio-assay research. Closing date: November 1, 2002, and continue until a suitable candidate is hired.

CALIFORNIA POLYTECHNIC STATE UNIV.

Assistant Professor, Restoration Ecologist, San Luis, Obispo. Ph.D. in related field. Closing date: November 15, 2002.

ASA, CSSA, SSSA

Applications are currently being accepted for the 2004 Congressional Science Fellowship Program. Application deadline: March 1, 2003. Information on the Fellowship is available at www.agronomy.org or www.crops.org-click on the Congressional Science Fellowship icon.

Agronomy Gleanings, October 7, 2002

10/7/2002 8:00 AM

AGRONOMY GLEANINGS

Department of Agronomy and Plant Genetics, University of Minnesota
411 Borlaug Hall, 1991 Buford Circle, St. Paul, MN 55108
PHONE (612) 625-7773; FAX (612) 625-1268; E-MAIL agro@coafes.umn.edu
October 7, 2002

ANNOUNCEMENTS

Pumpkins for Sale by the Gopher Crops & Soils Club. Large: \$3.00; Medium: \$2.00; Small: \$1.00; Mini: 2 for \$1.00. Medium pumpkins are for sale in 411 Borlaug Hall. Outside sale hours at Larpenteur and Cleveland to be announced soon.

The 9th Annual Minnesota Cultural Diversity Conference will be held Thursday, October 10, 8:30 to 11:15 a.m., Basic Sciences Building 2-101 (next to Coffman Union). Faculty, staff and students are invited to participate. This conference, via live satellite, will explore the impact of current world events on the individual, organization, and community. There is no registration fee and pre-registration is not required. Speakers and panelists are as follows:

- Cathy Wurzer, regional host of Minnesota Public Radio's "Morning Edition," will host the event at the main studio in St. Paul.
- Dr. Joseph L. Whyte, Professor Emeritus of Psychology and Psychiatry at University of California, Irvine, will give the keynote address on cultural fears, their affects and impacts.
- The Pillsbury House Theatre's "Breaking Ice" will present customized vignettes.
- Panel Discussion: C. Philip Bamberger, Senior Vice President of Sales and Business Development, ProGroup, Inc.; Bruce Corrie, Professor of Economics, Concordia University; Janice Downing, Senior Consultant, Fredrikson Human Resources Consulting, LTD; and Val Vargas, CEO, Hispanic Chamber of Commerce of Minnesota. A summary and discussion will follow the broadcast at 10:30 to 11:15 a.m. For additional information or to request accommodations, please contact General College at 5-6411 or pettm001@umn.edu.

The 7th Annual Harvest Bowl Farmers' Share Breakfast & Auction, sponsored by Collegiate Agri-Women and the COAFES Alumni Society, will be held from 7-10:30 a.m. on Saturday, October 12th in the St. Paul Student Center. To volunteer to help, contact Karin Tesmer or Jolene Keim (Volunteer Chairs) at 651-646-3786 by Thursday, October 10th.

National Science Foundation (NSF) Grant Workshop, Wednesday, February 12, 2003, 7:30 a.m.-4:00 p.m. at the Earle Brown Center for Continuing Education, St. Paul Campus. To register and for more information: www.coafes.umn.edu/NSFworkshop

SEMINARS

October 8

Plant Biological Sciences, Dr. Claudia Uhde-Stone, Dept. of Soil, Water and Climate, "Plant adaptation to phosphorus stress: root development and biochemical changes in white lupin assessed by EST analysis," 3:30 p.m., 335 Borlaug Hall.

October 9

Plant Pathology Special Seminar, Dr. Paul Manion, Prof., College of Environmental Sciences and Forestry, SUNY, Syracuse, "A Healthy Amount of Disease in the Forest," 3:00 p.m., 491 Borlaug Hall. Wine and cheese reception follows seminar.

October 9

Biochemistry, Molecular Biology, and Biophysics, "Regulatory Interactions of Phospholamban and Sarcolipin with the Calcium Pump: Involvement in Muscle Disease," by Dr. David H. MacLennan, Banting and Best Department of Medical Research, Univ. of Toronto, Ontario, Canada, 4:00 p.m., 2-520 Moos Tower, Minneapolis Campus.

October 11

Kuehnast Lecture, Department of Soil, Water, and Climate, Univ. of Minnesota, 12:30-4:30 p.m., McNamara Alumni Center, Minneapolis Campus.

October 11

BioTechnology Institute, Bradley Moore, Univ. of Arizona, "Biochemistry and Genetics of Iterative Polyketide Synthases," 3:30 p.m., Basic Sciences and Biomedical Engineering (BSBE) 2-101, Minneapolis Campus.

October 14

Applied Plant Sciences (APS), Grace Pietsch, Graduate Student in Horticultural Science, "The Role of Host Proteins in T-DNA Transformation," 3:30 p.m., 306 Borlaug Hall.

POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

SYNGENTA SEEDS, INC.

Genetic Technology Specialist, Stanton, MN Research facility. Responsible to participate in Marker Assisted Breeding (MAB) development projects and activities. MS in related field and experience working with maize genetics, marker technology, and marker-assisted breeding. Closing date: October 18, 2002.

UNIVERSITY OF KENTUCKY

Research Specialist in Plant Molecular Biology, Department of Agronomy, Lexington,

KY. PhD in Plant Molecular Biology. Closing date: October 15, 2002.

UNIVERSITY OF KENTUCKY

Research Specialist, Plant Biotechnology, Department of Agronomy, Kentucky Tobacco Research and Development Center Building, Lexington, KY. PhD in Plant Genetics, Plant Biochemistry, Plant Molecular Biology or a closely related field. Closing date: October 15, 2002.

SOUTH DAKOTA STATE UNIVERSITY

Research Associate II Corn Breeding, Department of Plant Science, Brookings, SD. M.S. in an agriculture or biological field and one year of experience, understanding of classical genetics. Closing date: November 1, 2002.

THE GARDEN

Come to the garden alone, while the dew is still on the roses.

FOR THE GARDEN OF YOUR DAILY LIVING PLANT THREE ROWS OF PEAS:

1. Peace of mind
2. Peace of heart
3. Peace of soul

PLANT FOUR ROWS OF SQUASH:

1. Squash gossip
2. Squash indifference
3. Squash grumbling
4. Squash selfishness

PLANT FOUR ROWS OF LETTUCE:

1. Lettuce be faithful
2. Lettuce be kind
3. Lettuce be patient
4. Lettuce really love one another

NO GARDEN IS WITHOUT TURNIPS:

1. Turnip for meetings
2. Turnip for service
3. Turnip to help one another

TO CONCLUDE OUR GARDEN WE MUST HAVE THYME:

1. Thyme for each other
2. Thyme for family
3. Thyme for friends

WATER FREELY WITH PATIENCE AND CULTIVATE WITH LOVE. THERE IS MUCH FRUIT IN YOUR GARDEN BECAUSE YOU REAP WHAT YOU SOW.

Agronomy Gleanings, October 14, 2002

10/14/2002 8:00 AM

Agronomy Gleanings

Department of Agronomy and Plant Genetics, University of Minnesota

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

PHONE (612) 625-7773; FAX (612) 625-1268; E-MAIL agro@coafes.umn.edu

October 14, 2002

ANNOUNCEMENTS

Employee Benefits' UPlan Open Enrollment packets have arrived. Please note: this Open Enrollment, you MUST complete the Application for Coverage to select a new dental plan option regardless of what plan you currently have. Deadline to make changes is November 15, 2002.

Congratulations to Nadiya Al-Saady and Salim on the birth of their daughter, Khadija. She was born Saturday morning and weighed 6.3 lbs.

Condolences--Dr. Howard Rines' mother died Sunday, October 6. She had been in assisted living and a nursing home the past year near her home in Portland, Indiana. Howard and his family wish to express their sincere appreciation for the floral arrangement sent by the Department.

The Annual Sloppy Joe Lunch and Turkey Raffle will be held Tuesday, October 29th from 11:30 am to 1:00 pm in 306 Borlaug Hall. Lunch: \$3.00; Raffle Tickets: \$1.00 each OR 6 for \$5.00. Raffle tickets are available from all grad students or you can purchase them at the lunch.

The Minnesota Wheat Research and Promotion Council has issued an RFP for 2003. The Council has about \$100,000 available to fund new projects. The deadline for receipt of proposals in Sponsored Projects is November 18, 2002. See Jeanne Davy for specific details and application forms.

21st Beta of Clovia Bazaar, North Star Ballroom, 2nd Floor, St. Paul Student Center, Friday, October 18, 10 am-7 pm and Saturday, October 19, 10 am - 1 pm.

Young Scientist's Predoctoral and Postdoctoral Research Recognition Award is sponsored by the Agrochemicals Division of the American Chemical Society and co-sponsored by Dow AgroSciences. The purpose of the award is to recognize student and postdoctoral research achievement in any area involving any aspect of the study of agrochemicals. Application deadline is October 21, 2002, an extended abstract of no more than 4 pages (includes everything-figures, tables, references, etc.). Also note that

a 150-word abstract must be entered online at the ACS web site (<http://oasys.acs.org/oasys.htm>).

COAFES Career Day, Tuesday, October 15, 10 am to 3 pm, North Star Ballroom, St. Paul Student Center.

ASA roommate wanted. Does anyone have room for one more in their room at the ASA meetings? Wade Odland is looking for someone to share a room with. Please contact Wade at odla0014@umn.edu or call 612-625-6223.

A complimentary copy of the book "International Commodity Organizations in Transition," edited by Erik Chrispeels, Cameron May, International Law and Policy, can be found in the Agronomy Library.

SEMINARS

October 15

Plant Biological Sciences, "Potato Pathology and Genomics at U of M: Innovative Approaches for Durable Disease Resistance," 3:30 pm, 335 Borlaug Hall.

October 16

What's Up in Sustainable Agriculture (WUSA), Dana Jackson, The Land Stewardship Project, "Reconnecting Food Systems with Ecosystems," 12 noon, 306 Borlaug Hall.

October 16

Biochemistry, Molecular Biology and Biophysics, "Analysis of Histone H1 Interactions with Nucleosomes in Living Cells," Dr. David T. Brown, Univ. of Mississippi Medical Center, 4 pm, 2-520 Moos Tower, Minneapolis Campus.

October 17

Plant Pathology, E.C. Stakman Award Lecture, "Wheat and Rust," Dr. Robert A. McIntosh, E.C. Stakman Award Recipient, 3:15 pm, Reception, 4:00 p.m. Lecture, Minnesota Commons, St. Paul Student Center.

October 21

Plant Pathology, Dr. Sagar V. Krupa, Professor, "Environment and plant response: Is it Ockham's Razor?," 3:00 pm, 365 Borlaug Hall.

October 21

Applied Plant Sciences (APS), David Zlesak, Graduate Student, "Dioecy," 3:30 pm, 306 Borlaug Hall.

October 28

MISA and the Office of International Agricultural Programs, "Implications of the System of Rice Intensification from Madagascar for Sustainable Agriculture" by Dr. Norman

Uphoff, Director, Cornell International Institute for Food, Agriculture, and Development,
3:00 pm, B45 Classroom Office Building.

POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

UNIVERSITY OF WISCONSIN-MADISON

Director of the Gaylord Nelson Institute for Environmental Studies. Candidates must possess a record of academic scholarship and teaching that qualifies them for tenure at the level of full professor at UWMadison. Closing date: November 30, 2002.

PURDUE UNIVERSITY

Assistant/Associate Professor, Watershed Hydrologist, Department of Agronomy, West Lafayette, Indiana. PhD in Agronomy, Soil and Water Science, Civil Engineering, Agricultural Engineering, Geosciences or related fields with an emphasis in watershed modeling. Closing date: November 15, 2002 and will continue until a suitable candidate is selected.

USDA, ARS

Biological Science Laboratory Technician (Plants). The U.S. Dept. of Agriculture (USDA), Agricultural Research Service (ARS), St. Paul, MN is seeking a PFT, Bio Sci Lab Tech (Plants), GS-0404-07/8/9 (salary range from \$30,597-\$48,652 per annum). The incumbent will organize daily operations of a laboratory, and conduct laboratory experiments associated with molecular and genomic analysis of plant traits. Candidates must have knowledge of molecular biology. Closing date: November 7, 2002.

INDIANA UNIVERSITY, BLOOMINGTON

Assistant Professor, plant molecular biology, Department of Biology and the Indiana Molecular Biology Institute. Closing date: October 15, 2002.

Agronomy Gleanings, October 21, 2002

10/21/2002 8:00 AM

Agronomy Gleanings

Department of Agronomy and Plant Genetics, University of Minnesota

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

PHONE (612) 625-7773; FAX (612) 625-1268; E-MAIL agro@coafes.umn.edu

October 21, 2002

ANNOUNCEMENTS

Departmental Coffee, Thursday, October 24th, 9:30 am, 306 Borlaug. Hosted by the Wheat Breeding Project and featuring Velasquez family coffee, hot apple cider and treats! Remember to bring your own mug (and a smile;)

The Annual Sloppy Joe Lunch and Turkey Raffle will be held Tuesday, October 29th from 11:30 am to 1:00 pm in 306 Borlaug Hall. Lunch: \$3.00; Raffle Tickets: \$1.00 each OR 6 for \$5.00. Raffle tickets are available from all grad students or you can purchase them at the lunch.

Civil Service Fall Appreciation Luncheon for ALL Agronomy Dept. Civil Service employees will be held Thursday, November 7, 12:00-2:00 pm in 306 Borlaug Hall. RSVP by October 25 to Gail Nelson in 411 Borlaug Hall (phone 5-5211 or email gnelson@umn.edu).

The South Dakota Plant Physiology/Plant Biochemistry Symposium, "From Plants to Genes and Back Again," August 6-8, 2003, Campus of South Dakota State University, Brookings. For additional information: http://plantsci.sdstate.edu/conferences/plant_symposium

Roommate wanted. I am a graduate student in plant biology and am attending the ASA/CSSA/SSA meetings in November. I am looking for a roommate for the meetings. I already have a room reserved. Anyone interested can contact me at wats0115@umn.edu, or (612) 804-2498. -Joanna Cregan

Recycle your empty Ink Jet toner cartridges. Free postage paid envelopes available in 411 Borlaug Hall. Cub Scouts will receive \$1 for each cartridge.

SEMINARS

October 23

Biochemistry, Molecular Biology and Biophysics, Dr. Valentin V. Rybenkov, Univ. of Oklahoma, Title: TBA, 4:00 pm, 33 McNeal Hall.

October 28

Plant Pathology, Yuhong Li, Graduate Student, Plant Pathology, "Can *C. elegans* teach us about environment and plant diseases caused by nematodes?," 3:00 p.m., 365 Borlaug Hall.

October 28

Applied Plant Sciences (APS), Prelim question discussion, 3:30 pm, 306 Borlaug Hall.

POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

UNIVERSITY OF MINNESOTA

Two to three faculty positions in the Department of Plant Biology, St. Paul. PhD or international equivalent in a biological discipline and a demonstrated research emphasis in plant developmental biology or genomics. Closing date: November 8, 2002.

PURDUE UNIVERSITY

Extension Soil Conservation Program Specialist, Department of Agronomy, off campus, multi-county assignment. A minimum of a B.S. degree (M.S. preferred) in Agronomy. Closing date: November 15, 2002.

THE UNIVERSITY OF MAINE

Graduate Research Assistantship available in Sustainable Agriculture Program, Department of Plant, Soil and Environmental Sciences, Orono, ME. Area of weed ecology or sustainable agriculture. M.S. or Ph.D. students.

UNIVERSITY OF NEBRASKA, LINCOLN

Research Technologist I, Department of Agronomy and Horticulture. Bachelor's with major in agronomy or closely related field plus two years experience in field research required. Closing date: October 25, 2002 or until a suitable candidate is found.

MINNESOTA FOOD ASSOCIATION

Administrative Assistant to provide office support to MFA staff, including clerical, administrative, and bookkeeping assistance. Arden Hills, MN. Closing date: October 31, 2002.

NORTH DAKOTA STATE UNIVERSITY

Postdoctoral Research Fellow, dry bean breeding/genetics program, Department of Plant Sciences, Fargo, ND. Closing date: October 21, 2002 or until filled.

SOUTH DAKOTA STATE UNIVERSITY

County Extension Educator, Agronomy, Sisseton, SD. Earned Bachelor's degree in Agriculture with a major in an agricultural field. Closing date: November 8, 2002 or until suitable applicant is employed.

BYOTIX, INC.

Research Scientist, Plant Molecular Biologist, Richmond, CA. PhD in Plant Molecular Biology or a related discipline.

Agronomy Gleanings, October 28, 2002

10/28/2002 8:00 AM

Agronomy Gleanings

Department of Agronomy and Plant Genetics, University of Minnesota

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

PHONE (612) 625-7773; FAX (612) 625-1268; E-MAIL agro@coafes.umn.edu

October 28, 2002

ANNOUNCEMENTS

Condolences--Dr. Lee Hardman's mother passed away after an extended illness on Saturday, October 26th in Hot Springs, SD. She was 92 years old.

2002 Employee Health and Benefits Fair, Tuesday, October 29, 10:00 am - 3:00 pm, North Star Ballroom, Student Center, St. Paul Campus.

The Annual Sloppy Joe Lunch and Turkey Raffle will be held Tuesday, October 29th from 11:30 am to 1:00 pm in 306 Borlaug Hall. Lunch: \$3.00; Raffle Tickets: \$1.00 each OR 6 for \$5.00. Raffle tickets are available from all grad students or you can purchase them at the lunch.

Civil Service Fall Appreciation Luncheon for ALL Agronomy Dept. Civil Service employees, Thursday, November 7, 12:00-2:00 pm in 306 Borlaug Hall.

ASA-CSSA-SSSA Annual Meetings, November 10-14, 2002, "Uniting Sciences: Solutions for the Global Community," Indianapolis, IN.

SEMINARS

October 28

MISA and the Office of International Agricultural Programs, "Implications of the System of Rice Intensification from Madagascar for Sustainable Agriculture," Dr. Norman Uphoff, Director, Cornell International Institute for Food, Agriculture, and Development, 3:00 pm, B45 Classroom Office Building.

October 29

Plant Biological Sciences, Dr. Robert Last, Candidate for a Genomics position, "Markers to Molecules: Arabidopsis Functional Genomics," 3:30 pm, 335 Borlaug Hall.

October 30

Plant Biological Sciences, Dr. Robert Last, Candidate for a Genomics position, Chalk Talk, "Functional Genomics: Plans and Vision," 9:00-10:00 am, 239 Gortner Lab.

October 30

Biochemistry, Molecular Biology and Biophysics, Dr. David Dooley, Montana State University, "Structural and Mechanistic Studies of Enzymes with Novel Cofactors," 4:00 p.m., 2-520 Moos Tower, Minneapolis Campus.

October 31

Biotechnology Institute, Hans Othmer, PhD, Mathematics, University of Minnesota, "Predicting the Expression Pattern of Segment Polarity Genes in *Drosophila melanogaster*," 3:30 pm, Basic Sciences and Biomedical Engineering (BSBE) 2-101, Minneapolis Campus.

November 1

Plant Biology, "Genetics of Auxin Regulation in *Arabidopsis*," Dr. Bonnie Bartel, Rice University, 1:30 pm, 335 Borlaug Hall.

November 4

Plant Pathology, Alex Ellram, Graduate Student, "The influence of red light on *Botrytis cinerea* in broad bean," 3:00 pm, 365 Borlaug Hall.

November 4

Applied Plant Sciences (APS), "Contributions of Molecular Markers to Plant Breeding," Marcelo Pacheco, Graduate Student, 3:30 pm, 306 Borlaug Hall.

POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

NONE THIS WEEK

Agronomy Gleanings, November 4, 2002

11/4/2002 7:00 AM

Agronomy Gleanings

Department of Agronomy and Plant Genetics, University of Minnesota

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

PHONE (612) 625-7773; FAX (612) 625-1268; E-MAIL agro@coafes.umn.edu

November 4, 2002

ANNOUNCEMENTS

REMINDER: Civil Service Fall Appreciation Luncheon for ALL Agronomy Department Civil Service employees, Thursday, November 7, 12:00-2:00 PM in 306 Borlaug Hall.

Congratulations! The Sloppy Joe Luncheon Turkey Raffle winners were Carla Otto and Ebandro Uscanga.

Beverly Durgan, Associate Dean, received the Torch and Shield Award from the University of Minnesota Crookston on October 30. The award is the top award given by the University of Minnesota Crookston and honors her research and teaching which has helped residents of northwestern Minnesota and supported the Northwest Research and Outreach Center. Durgan has conducted research at the NWROC since 1985 to help northwestern Minnesota farmers solve weed problems. -Priorities

Burle Gengenbach, Department Head, is our College's new representative on the board of the Agriculture and Food Science Academy.

2002 Community Fund Drive has been extended through November 8.

Mark Galatowitsch sends greetings from South Africa. He has added new photos on their web site: <http://www.tc.umn.edu/~galat001/>

2003 North American Cereal Rust Workshop, March 26-28, Earle Brown Center, St. Paul Campus. If you are interested in attending, please contact Jim Kolmer (jkolmer@umn.edu) 612-626-1226.

SEMINARS

November 5

Plant Biological Sciences, Dr. Christian Baron, "Biochemical analyses of the type IV secretion systems of *Agrobacterium tumefaciens* and *Brucella suis*," 3:30 PM, 335 Borlaug Hall.

November 5

COAFES, Mike Schmitt, finalist for the Associate Dean for Extension and Agriculture, Food, and the Environment Capacity Area Leader position, 10:30 AM, 155 Peters Hall.

November 6

Guy Stanton Ford Memorial Lecture, "The Future of Conservation and Wildlife," by paleoanthropologist Richard Leakey, 10:15 AM, Ted Mann Concert Hall.
www.grad.umn.edu/events/ford.html.

November 6

What's Up in Sustainable Agriculture (WUSA), Dr. Gyles Randall, Southern Research/ Outreach Center, Waseca, "Sustainability of corn and soybean rotation," 12 noon, 306 Borlaug Hall.

November 6

Biochemistry, Molecular Biology and Biophysics, Dr. Brian R. Calvi, Univ. of Pennsylvania School of Medicine, "Cell cycle control of chromosome replication," 4:00 PM, 2-520 Moos Tower, Minneapolis Campus.

November 7

Biotechnology Institute, Dr. Mani Subramanian, Dow Chemical Company, "Soil-Based Gene Discovery: A New Technology to Accelerate and Broaden Biocatalytic Applications," 3:30 PM, 239 Gortner Lab.

November 11

Plant Molecular Genetics, Dr. Jerry Cohen, Dept. of Horticulture, Univ. of Minnesota, "Protein conjugates of auxin in Arabidopsis and other plant species," 11:45 AM, 239 Gortner Lab.

November 11

Plant Pathology, Maria Ordonez, Graduate Student, Plant Pathology, "Environmental factors affecting biocontrol of fire blight in apples and pears," 3:00 PM, 365 Borlaug Hall.

November 11

Applied Plant Sciences (APS), Ryan Warner, Graduate Student, Horticultural Science, "Brassinosteroids as Plant Growth Substances," 3:30 PM, 306 Borlaug Hall.

November 18

Department of Applied Economics, Per Pinstrup-Andersen, 2001 World Food Prize Laureate, "A Developing Country Perspective on Trade and Agricultural Policies in OECD Countries," 10:00 • 11:00 a.m., 143 Classroom Office Building.

POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

UNIVERSITY OF KENTUCKY

Assistant/Associate Professor, Department of Agronomy, Lexington, KY. Ph.D. in plant or biological sciences is required. Postdoctoral experience is highly desirable. Closing date: November 15, 2002.

IDENTITY GENETICS, INC.

Biological Sciences Laboratory Technician, Brookings, SD. Responsibilities include DNA testing for paternity and forensic analysis in a human DNA laboratory. MS/BS degree in biochemistry, genetics, microbiology, biological science or related field of study.

Agronomy Gleanings, November 11, 2002

11/11/2002 8:00 AM

Agronomy Gleanings

Department of Agronomy and Plant Genetics, University of Minnesota

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

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

November 11, 2002

ANNOUNCEMENTS

Departmental Coffee, Thursday, November 21st at 9:30 am in 306 Borlaug. Featuring specialty imported teas, Velasquez family coffee, scones, fruit and juice. Please bring your own cup. Sponsored by Syngenta. -Hosted by Dave Somers' Lab

Influenza Vaccines Available. You may receive an immunization at any of our on-campus community clinics:

- November 12, University REC Center, 2:00 p.m. to 6:00 p.m.
- November 13, Centennial Residence Hall, 4:00 p.m. to 7:00 p.m.
- November 18, Boynton Health Service, 10:00 a.m. to 2:00 p.m.
- November 19, Veterinary Med., 125 (1988 Fitch, St. Paul), 10:00 a.m. to 2:00 p.m.
- November 20, Boynton Health Service, 10:00 a.m. to 2:00 p.m.
- November 20, Pioneer Residence Hall, 4:00 p.m. to 7:00 p.m.
- November 21, Boynton Health Service, 10:00 a.m. to 2:00 p.m.
- November 22, Carlson School, 1-114, 10:00 a.m. to 2:00 p.m.

If you have any questions about the flu vaccination clinics, please call 612-625-8400.

Siehl Prize for Excellence in Agriculture. COAFES faculty, staff and students are cordially invited to attend the Siehl Prize for Excellence in Agriculture awards ceremony and reception at 4 pm, Monday, November 18, in the McNamara Alumni Center on the University of Minnesota's East Bank campus. Please RSVP by calling 612-624-3009 or by emailing siehlprz@umn.edu by Thursday, November 14.

A special thank you to the Departmental Civil Service Liaison Committee-Gail Nelson, Ed Schiefelbein, Adrian Stec, and Darcy Weston-for the excellent job they did in organizing the Civil Service Appreciation Luncheon.

Civil Service Longevity Awards

5 years: Josh Larson and Leanne Matthiesen

30 years: Chris Donovan and Judy Slyter

The Minnesota Soybean Research and Promotion Council has issued a Request for Soybean Research Proposals for FY2003-04. Proposals are due to Lettie Ebbert, 277

Coffey Hall by 4:00 pm, Friday, December 13, 2002. Contact Jeanne Davy for information.

SEMINARS

November 12

Plant Biological Sciences, "Evolution and dynamics of hybridization in woody Penstemons," Dr. Shannon Datwyler, Dept. of Plant Biology, 3:30 pm, 335 Borlaug Hall.

November 13

What's Up in Sustainable Agriculture (WUSA), Sadie Smith, Courtney Tchida, and Kyla Zaro-Moore, synopsis of the Students in Sustainable Agriculture conference, 12 noon, 306 Borlaug Hall.

November 14

Biochemistry, Molecular Biology and Biophysics and Institute of Human Genetics, "Mechanisms of Hypopigmentation in Human Hypopigmentary Diseases," Dr. Vincent J. Hearing, Bethesda, MD, 12:00 pm, 3-120 Molecular and Cellular Biology Building, Minneapolis Campus.

November 14

BioTechnology Institute, George Karypis, PhD, and Mukund Deshpande, Computer Science, Univ. of Minnesota, "Mining Data to Unravel the Puzzle of Life," 3:30 pm, 2-101 Basic Sciences and Biomedical Engineering, Minneapolis Campus.

November 15

Plant Pathology, Dr. Bent Skovmand, "Wheat Genetic Resources and Their Utilization in Crop Improvement," 11:00 am, 491 Borlaug Hall.

November 18

Cereal Disease Laboratory candidate for Research Plant Pathologist/Research Geneticist, Dr. Yue Jin, 9:30 am, 375 Borlaug Hall.

November 20

MISA and the Department of Agronomy and Plant Genetics, Judge David Minge, 3:00 pm, 33 McNeal Hall, St. Paul Campus.

November 21

Cereal Disease Laboratory candidate for Research Plant Pathologist/Research Geneticist, Dr. Christina Cowger, 9:30 am, 375 Borlaug Hall.

POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

THE UNIVERSITY OF GEORGIA

Professor and Head, Crop and Soil Sciences Department, Athens, GA. PhD in Crop or Soil Sciences or a closely related discipline, and demonstrated excellence in teaching, research and/or extension. Closing date: February 1, 2003.

SOUTH DAKOTA STATE UNIVERSITY

County Extension Educator-Agronomy, Mound City, SD. Earned Bachelor's degree in Agriculture with a major in an agricultural field including course work and/or experience in Agronomy. Closing date: December 6, 2002.

SOUTH DAKOTA STATE UNIVERSITY

County Extension Educator-Agronomy, Ft. Pierre, SD. Earned Bachelor's Degree in Agriculture with a major in an agricultural field including course work and/or experience in agronomy. Closing date: December 6, 2002.

UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN

Assistant Professor of Plant Functional Genomics, Department of Crop Sciences. PhD and postdoctoral experience required, with research in molecular biology, molecular genetics and genomics. Closing date: January 10, 2003.

Agronomy Gleanings, November 18, 2002

11/18/2002 8:00 AM

Agronomy Gleanings

Department of Agronomy and Plant Genetics, University of Minnesota

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

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

November 18, 2002

ANNOUNCEMENTS

University Holidays--Thursday, November 28, Thanksgiving Day and Friday, November 29, Floating Holiday. University offices will be closed.

Departmental Coffee, Thursday, November 21st at 9:30 am in 306 Borlaug. Featuring specialty imported teas, Velasquez family coffee, scones, fruit and juice. Please bring your own cup. Sponsored by Syngenta. --Hosted by Dave Somers' Lab

Congratulations to Nancy Ehlke on receiving the Crop Science Society of America Fellow Award at the CSSA Luncheon, November 12, in Indianapolis.

Dr. Gerhardt (Gary) Fick also received the NCCPB Genetics and Plant Breeding Award for Industry at the CSSA luncheon. Gary is an alumnus having received BS and MS degrees (barley breeding) from the department and currently is Vice President for Seeds 2000 in Breckenridge, MN.

22nd Annual Crop Pest Management Short Course, November 25-26, 2002, Earle Brown Continuing Education Center, St. Paul Campus. For agenda and information on registration:

<http://agronomy.coafes.umn.edu/2002cpmshortcourse/>

Preparing Future Faculty, The Center for Teaching and Learning Services is sponsoring a free retreat for graduate students, teaching assistants, or postdoctoral fellows who have not yet participated. Tuesday, January 14, 2003, 9:00 am to 2:15 pm, McNamara Alumni Center, A.I. Johnson Room. Reserve your space now: <http://www1.umn.edu/ohr/teachlearn/PFFRetreatForm.html#form>

SEMINARS

November 19

Plant Biological Sciences, "Inflorescence evolution in the mulberry family (Moraceae) and the origin of a pollination mutualism," Dr. George Weiblen, Dept. of Plant Biology, Univ. of Minnesota, 3:30 pm, 335 Borlaug Hall.

November 20

What's Up in Sustainable Agriculture (WUSA), "The State of Organics in Minnesota, You Betcha!," Meg Moynihan, Agricultural Diversification Specialist, Minnesota Dept. of Agriculture, 12 noon, 306 Borlaug Hall.

November 20

Biochemistry, Molecular Biology and Biophysics, "The Cobalamin Biosynthetic Pathway: An Example of Enzyme Evolution," Dr. Ivan Rayment, University of Wisconsin-Madison, 4:00 pm, 2-520 Moos Tower, Minneapolis Campus.

November 21

Cereal Disease Laboratory candidate for Research Plant Pathologist/Research Geneticist, Dr. Christina Cowger, 9:30 am, 375 Borlaug Hall.

November 22

BioTechnology Institute, Mark Holtzapple, PhD, Texas A&M University, "MixAlco Process: Biomass to Fuels and Chemicals," 12:00 noon, 239 Gortner Labs.

November 25

Plant Molecular Genetics, "Mitochondrial gene expression in Neurospora," Robert Brambl, Dept. of Plant Biology., Univ. of Minnesota, 11:45 am, 239 Gortner Lab.

November 25

Plant Pathology, Liying Zhang, Graduate Student, "Temperature influence on expression of virulence factors in plant-associated bacteria," 3:00 pm, 365 Borlaug Hall.

November 25

Applied Plant Sciences (APS), Penny Kianian, Graduate Student, "Plant/Microbe Communication in Nitrogen Fixation: A Receptor for Nodulation," 3:30 pm, 306 Borlaug Hall.

POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

PIONEER HI-BRED INTERNATIONAL, INC.

Research Associate, Mid/Late Maize Product Development, Princeton, IL. B.S. in Biological Science or agricultural related field, plant breeding preferred.

PIONEER HI-BRED INTERNATIONAL, INC.

Research Associate, Mid/Late Maize Product Development, Champaign, IL. B.S. or M.S. degree in a biological science or agriculture related field, plant breeding preferred.

MONSANTO

Monsanto is currently seeking a Process Development Biochemist/Engineer and a Sr. Process Development Engineer for work on developing processes for recovery and

purification of MAbs from transgenic corn grain, in Chesterfield. PhD or MS with equivalent experience in Chemical or Biochemical Engineering is desired. Website is located at: www.monsanto.com

Agronomy Gleanings, November 25, 2002

11/25/2002 8:00 AM

Agronomy Gleanings

Department of Agronomy and Plant Genetics, University of Minnesota

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

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

November 25, 2002

ANNOUNCEMENTS

University Holidays--Thursday, November 28, Thanksgiving Day and Friday, November 29, Floating Holiday. University offices will be closed.

2002-03 Even Mother Nature Loves Maroon and Gold poster is now available. Nature photographer and U alum Jim Brandenburg donated a photo of a whitetail fawn walking through prairie grass in southwestern Minnesota. For a free poster, download order form at www.umn.edu/systemwide/MandG2002.html

SEMINARS

November 26

Plant Biological Sciences, Dan Tix, Graduate Student, Dept. of Plant Biology, "Plant Community and Soil Responses to Treatments Designed to Mimic Prescribed Burning," 3:30 p.m., 335 Borlaug Hall.

December 2

Applied Plant Sciences (APS), Prelim question discussion, 3:30 p.m., 306 Borlaug Hall.

December 2

BioTechnology Institute, Robert M. Williams, PhD, Colorado State Univ., "Studies on the Synthesis and Biology of FR900482 and the Paraherquamides," 2:30 p.m., 331 Smith Hall, Minneapolis Campus.

December 3

Plant Biological Sciences, Dr. David Garvin, USDA-ARS and Dept. of Agronomy and Plant Genetics, "Molecular Genetics of Aluminum Tolerance in Crops," 3:30 p.m., 335 Borlaug Hall.

POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

MINNESOTA FORAGE AND GRASSLAND COUNCIL

Executive Director, Minnesota location to be negotiated. Part-time contracted position,

approximately 10 hours/week. Working knowledge of forages and the forage industry in Minnesota. A high school diploma is required; a bachelor's degree is preferred. Closing date: January 3, 2003.

NORTH DAKOTA STATE UNIVERSITY

Research Specialist, North Central Research Extension Center, Minot, ND. Design, implement and conduct IPM and cropping systems projects with emphasis on agricultural crops grown in the north central and northwest regions of North Dakota. B.S. degree in agricultural or biology discipline. Closing date: December 6, 2002.

NORTH DAKOTA STATE UNIVERSITY

Research Specialist, North Central Research Extension Center, Minot, ND. Design and implement innovative disease research program. B.S. degree in agricultural discipline. Closing date: December 6, 2002.

UNIVERSITY OF WISCONSIN-EXTENSION

Agriculture/Horticulture Agent, Polk County, Balsam Lake, WI. Master's degree with at least one degree in a field that relates to the responsibilities of this position such as dairy, animal science, agronomy, horticulture or agriculture education. Closing date: December 12, 2002.

PENN STATE UNIVERSITY

Graduate Research Assistant in Weed Science/Ecology, Department of Crop and Soil Sciences, University Park, PA. MS or PhD student to study weed management in sustainable cropping systems. Available: Fall Semester, 2003.

PENN STATE UNIVERSITY

Plant Scientist/Farm Manager, Southeastern Field Research and Extension Center in Lancaster County, PA. MS or PhD in agronomy, horticulture, or closely related discipline; research experience in applied plant science. Closing date: December 31, 2002.

Agronomy Gleanings, December 2, 2002

12/2/2002 8:00 AM

Agronomy Gleanings

Department of Agronomy and Plant Genetics, University of Minnesota

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

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

December 2, 2002

ANNOUNCEMENTS

University Holidays, December 23, 24, 25, and January 1st. University offices will be closed.

Annual Cookie Party, Monday, December 16, 9:00 a.m.-12 noon, 411 Borlaug Hall. Please come and enjoy cookies, hot apple cider and coffee. -The Office Staff

Department Holiday Party, Wednesday, December 18, 12 noon-2:00 p.m., 306 Borlaug Hall. Please bring a potluck dish to share (which serves 6-8 and attach a card with ingredients), a white elephant gift, and a food shelf donation. Potluck drop-off starting at 8:00 a.m., 302 Borlaug Hall. Present and retired members of the Department are welcome.

SEMINARS

December 4

Biochemistry, Molecular Biology and Biophysics, "The Role of c-Myc in Glucose Regulated Gene Expression," Dr. Donald K. Scott, Louisiana State Univ., New Orleans, LA, 4:00 p.m., 2-520 Moos Tower, Minneapolis Campus.

December 5

BioTechnology Institute, Scott Fahrenkrug, Animal Science, Univ. of Minnesota, "Livestock Comparative and Functional Genomics," 3:30 p.m., Basic Sciences and Biomedical Engineering (BSBE) 2-101.

December 8

Center for Plants and Human Health, "Going to the Source: Building International Collaborative Research on Tea-Tree Oil," Linda Halcon, School of Nursing, 1:30 p.m., 306 Borlaug Hall.

December 9

Applied Plant Sciences (APS), Ioana Dinu, "Role of Unreduced Gametes and Endosperm Balance Number (EBN) Manipulation in the Germplasm Transfer Between

Cross-incompatible Tuber-bearing Solanum Species," 3:30 p.m., 306 Borlaug Hall.

December 10

Plant Biological Sciences, Dr. David Oppenheimer, University of Alabama, "Splitting Hairs: The Control of Anisotropic Cell Expansion in Arabidopsis," 3:30 p.m., 335 Borlaug Hall.

POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

SOUTH DAKOTA STATE UNIVERSITY

County Extension Educator, Agronomy, Bison, SD. Earned Bachelor's Degree in Agriculture with a major in an agricultural field, including course work and/or experience in agronomy. Closing date: December 18, 2002.

GOLDEN HARVEST RESEARCH

Six-month Research Assistant Intern will assist research staff and technically support a comprehensive inbred line development and hybrid yield testing program, Platteville, WI. Approximate start date: June 1, 2003.

GOLDEN HARVEST RESEARCH

Three-month internship, corn breeding research program, Platteville, WI. Approximate start date: June 1, 2003.

Agronomy Gleanings, December 9, 2002

12/9/2002 8:00 AM

Agronomy Gleanings

Department of Agronomy and Plant Genetics, University of Minnesota

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

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

December 9, 2002

ANNOUNCEMENTS

University Holidays, December 23, 24, 25, and January 1st. University offices will be closed.

Annual Cookie Party, Monday, December 16, 9:00 a.m.-12 noon, 411 Borlaug Hall. Please come and enjoy cookies, hot apple cider and coffee. -The Office Staff

Department Holiday Party, Wednesday, December 18, 12 noon-2:00 p.m., 306 Borlaug Hall. Please bring a potluck dish to share (which serves 6-8 and attach a card with ingredients), a white elephant gift, and a food shelf donation. Potluck drop-off starting at 8:00 a.m., 302 Borlaug Hall. Present and retired members of the Department are welcome.

Toys for Tots. The Applied Plant Science Graduate Student Association is sponsoring a winter clothing and "Toys for Tots" drive for the holiday season from now until December 20. "Mitten and Toy Trees" have been set up in the Agronomy/Plant Genetics and Horticulture offices. These trees are currently decorated with candy canes. The goal is to replace every candy cane on the trees with clothing items (scarves, mittens, hats, etc.). Larger items such as sweatshirts and coats may be placed under the trees. In addition, toys, games and books for children may also be placed under the trees. All clothing donations will be taken to People Serving People - a Minneapolis-based homeless shelter. All other items will be taken to the local "Toys for Tots" drop-off site. Please direct any questions to Alex Kahler or Carla Otto. We are counting on your generous support.

Dairy Store Delights. The U's Dairy Store offers holiday ice cream flavors including peppermint stick, eggnog, pumpkin, and cinnamon. Pints are just \$1.50 and half gallons are \$4. Cheese is also a specialty and runs from \$2.50 to \$4 a pound. The products are made by students and faculty from the Department of Food Science and Nutrition. The store is open Wednesdays from 3 to 5 p.m., and is located on the St. Paul campus in the Andrew Boss Meat Science Building, Room 166, 1354 Eckles Ave. For more information, call 612-624-7776.

Members of the National Academy of Sciences, the all-stars of science, will soon visit our campus as part of the Center for Microbial and Plant Genomics' National Academy of Sciences Lecturer Series. Leading off the series is Sue Wessler, University of Georgia. Wessler, an international expert on the nature and evolution of gene regulation in plants, will speak from 11:30 a.m. to 12:30 p.m., Thursday, December 12, in 335 Borlaug Hall. Her topic is, "Transposable Elements: From Genetics to Genomics." She will also host a discussion for graduate students concerning ethics in research.

Grad Students. Join National Academies of Science member, Dr. Sue Wessler, Research Professor of Botany and Genetics at the University of Georgia, for a discussion of ethics and the proper conduct of research, 2:00 - 3:00pm, Thursday, December 12, 2002, 213 Borlaug Hall. Dr. Jeff Kahn, Director of the University of Minnesota Center for Bioethics, will facilitate the meeting.

SEMINARS

December 10

Plant Biological Sciences, Dr. David Oppenheimer, University of Alabama, "Splitting Hairs: The Control of Anisotropic Cell Expansion in Arabidopsis," 3:30 p.m., 335 Borlaug Hall.

December 11

What's Up in Sustainable Agriculture (WUSA), Carmen Fernholz and Dick Levins, discussion on local cooperatives, 12 noon, 306 Borlaug Hall.

December 11

Biochemistry, Molecular Biology and Biophysics, Dr. David C. Muddiman, Mayo Medical School, Rochester, MN, "Genomic and Proteomic Characterization by ESI-FT-ICR Mass Spectrometry using IRMPD," 4:00 p.m., 2-520 Moos Tower, Minneapolis Campus.

December 12

BioTechnology Institute, Perrin Wang, Microbial Engineering, U of M, "A Strategy for the Phytoremediation of Atrazine in Soil," 3:30 p.m., 239 Gortner Labs.

December 16

Applied Plant Sciences (APS), Kristin Mercer, Graduate Student, "The Effects of Crop-Wild Gene Flow in Annual Sunflower," 3:30 p.m., 306 Borlaug Hall.

POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

UNIVERSITY OF TENNESSEE AT MARTIN

Assistant Professor of Plant and Soil Science, Agriculture and Natural Resources Department. Earned doctorate (or ABD, all but dissertation) in Agronomy, Horticulture,

Plant and Soil Science, Crop Science or a closely related field from an accredited university. Closing date: January 31, 2003.

Agronomy Gleanings, December 16, 2002

12/16/2002 8:00 AM

Agronomy Gleanings

Department of Agronomy and Plant Genetics, University of Minnesota

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

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

December 16, 2002

ANNOUNCEMENTS

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The Online Writing Center will close for the semester Friday, December 13, 2002, and will reopen on Monday, January 27, 2003.

A big THANK YOU to JoAnn Lamb, Keith Henjum, and everyone else in the department for all the well wishes and thoughtfulness you extended to me and my wife during my recent health emergency. -Don and Bonnie Ralston

Looking for a great gift idea. Velasquez Family Coffee makes a great holiday gift. Contact Guillermo or Ed in the Barley program at 612-625-0250 or stop by to pick up freshly roasted coffee. 12 oz bags sell for \$8.00 and come in Full City roast (medium), French roast (dark), and Breakfast Blend.

SEMINARS

December 17

Plant Biological Sciences, Dr. Julia Frugoli, Dept. of Genetics and Biochemistry, Clemson University, "Following the sunn: using *Medicago truncatula* and molecular genetics to understand legume nodulation," 3:30 p.m., 335 Borlaug Hall.

December 19

M.S. Thesis Defense, Mike Pumphrey, "Development and Characterization of Wheat Lines Near-Isogenic for a Fusarium Head Blight QTL," 9:00 a.m., 306 Borlaug Hall.

POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

None this week.