

Agronomy Gleanings, January 6, 2003

1/6/2003 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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January 6, 2003

## ANNOUNCEMENTS

Minnesota Crop Improvement Centennial Celebration. On January 19 & 20 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 at the Four Points Sheraton, located on Industrial Blvd. in Minneapolis. Additional meeting and registration information can be found at the MCIA Website [www.mncia.org](http://www.mncia.org) or contact MCIA (612-625-7766) if you have any questions.

Personal Expense Reimbursements. The Executive Vice-President's Office is reminding all department staff and faculty of the following policy. . . All personal expense reimbursements are to be approved by the direct supervisor of the person requesting reimbursement. That means for staff, before you turn in your draft copy of a reimbursement or travel request, be sure you get your supervisor's signature for approval. If you don't, the draft will be returned to you for their signature. For faculty, Jeanne Davy or Burle Gengenbach will continue to review and sign off on the typed reimbursement request. -Marilyn

## SEMINARS

January 8

Biochemistry, Molecular Biology & Biophysics, Faculty Candidate, Dr. Timothy Griffin, Institute for Systems Biology, Seattle, WA, "Mass Spectrometry, Proteomics and Biology: Where We Are and Where We Need to Go," 4:00 p.m., 2-120 MCB, Minneapolis Campus.

January 9

Applied Plant Sciences (APS), Master of Science Thesis Seminar, Danielle Michelle Posch, "Development and Evaluation of Selection for Potato Genotypes Resistant to Phytophthora Infestans in the Early Breeding Generations," 1:00 p.m., 310 Alderman Hall.

## POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

#### WASHINGTON STATE UNIVERSITY

Assistant or Associate Soil Scientist/Extension Specialist (Soil Fertility/Soil Quality), Department of Crop and Soil Sciences, Pullman, WA. Ph.D. in soil science or allied field with specialization in soil fertility/chemistry, soil microbiology, soil biology, soil ecology or allied field. Closing date: January 31, 2003 and will continue until position is filled.

#### IOWA STATE UNIVERSITY

Assistant Professor, Agronomy Department, Ames, Iowa. Ph.D. in meteorology, agronomy, soil science, plant science or other relevant discipline, with documented experience in cooperative and cross-disciplinary research. Closing date: February 1, 2003.

#### BELLARMINE UNIVERSITY

Faculty position in Genetics, Department of Biology, Louisville, Kentucky. Ph.D. and experience in one or more of the following areas: genetics, molecular biology, bioinformatics, developmental biology, and/or cell biology. Closing date: February 1, 2003.

#### COMMUNITY ASSISTANTSHIP PROGRAM (CAP)

For Spring Semester 2003, the Land Stewardship Project (LSP) is seeking a research assistant to assist them in documenting the economic impact of Pride of the Prairie, a "Buy Local" food systems initiative in West Central Minnesota. Must be a registered undergraduate student in the College of Agricultural, Food, and Environmental Sciences.

#### RUTGERS UNIVERSITY/COOK COLLEGE

Assistant Professor, Microbial Genomics, Department of Biochemistry and Microbiology, New Brunswick, NJ. Doctoral degree in microbiology, biochemistry or a related discipline and relevant postdoctoral experience. Closing date: January 20, 2003.

#### USDA, CSREES

National Program Leader (Air Quality), Natural Resources and Environment Unit, Washington, DC. Closing Date: January 3, 2003.

#### USDA, CSREES

National Program Leader (Global Change and Climate), Natural Resources and Environment Unit, Washington, DC. Closing Date: January 10, 2003.

#### USDA, CSREES

National Program Leader (Horticulture), Plant and Animal Systems Unit, Washington, DC. Closing Date: January 15, 2003.

#### USDA, CSREES

National Program Leader (Ecology) Natural Resources and Environment Unit, Washington, DC. Closing Date: January 17, 2003.

USDA, CSREES

National Program Leader (Small Business Innovation Research), Washington, DC.

Closing Date: January 27, 2003.

Agronomy Gleanings, January 13, 2003

1/21/2003 8:00 AM

Agronomy Gleanings

Department of Agronomy and Plant Genetics, University of Minnesota

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

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

January 13, 2003

## ANNOUNCEMENTS

Martin Luther King Holiday, Monday, January 20, 2003. University offices will be closed.

**SPECIAL WORKSHOP: SKILLFUL DISCUSSION**, presented by Michelle Lian-Anderson, Training Coordinator, University of Minnesota Training Services, Wednesday, January 15th, 1:00-3:00 p.m., 306 Borlaug Hall. Sponsored by the Department of Agronomy and Plant Genetics Syngenta Development Committee. This workshop explores the four elements necessary for a successful discussion: listening, reflecting, inquiry, and advocacy. Coffee and refreshments will be provided following the workshop. To facilitate planning, please RSVP to Jean Swanson ([swans008@umn.edu](mailto:swans008@umn.edu)) as soon as possible.

**Departmental Coffee.** It's time once again for another departmental coffee, generously sponsored by the Syngenta Development Committee. Please join us for coffee, hot cocoa, delicious Wuollet pastries, and camaraderie Friday, January 24th at 9:30 am in 306 Borlaug Hall. Please remember to bring your mug. -The Naeve Soybean Project (Seth, Tracy, Sarah, and Daryl)

**Personal Expense Reimbursements.** The Executive Vice-President's Office is reminding all department staff and faculty of the following policy. . . All personal expense reimbursements are to be approved by the direct supervisor of the person requesting reimbursement. That means for staff, before you turn in your draft copy of a reimbursement or travel request, be sure you get your supervisor's signature for approval. If you don't, the draft will be returned to you for their signature. For faculty, Jeanne Davy or Burle Gengenbach will continue to review and sign off on the typed reimbursement request. -Marilyn

**Understanding Biotechnology.** A new book on biotechnology has been released by Prentice Hall during the Plant and Animal Genome XI Conference. Understanding Biotechnology offers an introduction to biotechnology that is balanced, accurate, current, thorough and accessible to both non-specialist and professionals. The book begins with a brief history of biotechnology and an introduction to the underlying principles of genetic engineering. Next, it reviews every key area of biotechnology research, thoroughly addressing both technical practice and implications - including biosafety and ethical issues. The book is available at the major Internet bookstores.

Authors: Aluizio Borem (Lu) is an alumni from the Department of Agronomy and Plant Genetics - U of MN, faculty member at Federal University of Viçosa in Brazil, and currently a member of the Brazilian National Committee of Biosafety - CTNBio. Fabricio R. Santos is a biologist and a faculty member at the Federal University of Minas Gerais (Brazil). David Bowen is an alumni from the Department of Agronomy and Plant Genetics - U of MN and is pursuing a Ph.D. at the University of Idaho, where he is researching nutritional and genetic improvements in wheat and barley.

## SEMINARS

January 15

Biochemistry, Molecular Biology and Biophysics, "A Proteasomal ATPase Recognizes the Polyubiquitin Degradation Signal," by Dr. Amy Lam, Johns Hopkins University, Baltimore, MD, 4:00 p.m., 2-520 Moos Tower, Minneapolis Campus.

January 21

Plant Biology, Special Seminar, Candidate for a Developmental/Genomics position, Dr. Ken Feldmann, Ceres, Inc., "Genetic Engineering of the Brassinosteroid Pathway to Manipulate Plant Development," 3:30 p.m., 335 Borlaug Hall.

January 22

Plant Biology, Chalk Talk, Candidate for a Developmental/Genomics position, Dr. Ken Feldmann, Ceres, Inc., "Functional Genomics of Gametophyte-Requiring Genes in Arabidopsis," 9:00 a.m., 239 Gortner Lab.

January 27

Food, Health and God's Creation, Chuck Lutz, social ethicist and former director of ALC's office of Church in Society, "Loving Our Neighbors in the Whole of God's Creation," 7:00-8:30 p.m., Central Lutheran Church, 333-12th St., Minneapolis. Cynthia Pansing, Don Wyse and Gary Fulcher will be part of the panel discussion which follows Lutz' presentation. See Deon Stuthman for details.

January 28

MISA, The Landscape, Human, and Animal Health Initiative, "Moving big ideas from a small town: The seven years and counting story of the Michigan Land Use Institute and our state's smart growth efforts," Arlin S. Wasserman, Policy Director, Michigan Land Use Institute, 3:00-4:30 p.m., 306 Borlaug Hall.

## POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

### MICHIGAN STATE UNIVERSITY

Assistant Professor, Weed Management Systems in Agronomic Crops, Department of Crop and Soil Sciences, East Lansing, MI. Ph.D. in Weed Science, Agronomy, Crop Science, Soil Science or related discipline. Closing date: March 1, 2003.

UNIVERSITY OF NEBRASKA, LINCOLN

Research Technologist I position, Department of Agronomy. Bachelor's with major in Agricultural Sciences or related field plus two years field-oriented research experience is required. Closing date: January 21, 2003.

COLORADO STATE UNIVERSITY

Professor/Department Head, Department of Soil and Crop Sciences, Fort Collins, CO. Must have attained the rank of full Professor or be qualified for an appointment as a full Professor and must have an earned doctorate in soil science, plant genetics, plant breeding, or a closely related discipline. Closing date: February 14, 2003.

Agronomy Gleanings, January 21, 2003

1/21/2003 8:00 AM

## ANNOUNCEMENTS

Congratulations! Lee Hardman received the Honorary Premier Seedsman Award from the Minnesota Crop Improvement Association on January 20, 2003. Dr. Hardman was cited for his contributions as Secretary to the MCI Board, editorship on Minnesota Variety Trials Bulletin and other high profile publications such as Food For Life. MCI celebrated its 100th anniversary at the annual meeting this year.

Bob Granger sends greetings from Hawaii to those folks who were around when he was.

Departmental Coffee. It's time once again for another departmental coffee, generously sponsored by the Syngenta Development Committee. Please join us for coffee, hot cocoa, delicious Wuollet pastries, and camaraderie Friday, January 24th at 9:30 am in 306 Borlaug Hall. Please remember to bring your mug. -The Naeve Soybean Project (Seth, Tracy, Sarah, and Daryl)

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Putting things into perspective - If we could shrink the earth's population to 100 people, with all the existing human ratios remaining the same, it would look something like this: There would be 57 Asians, 21 Europeans, 14 from the Western Hemisphere, north and south, 8 Africans. 52 would be female and 48 would be male. 70 would be nonwhite and 30 would be white. 70 would be non-Christian and 30 would be Christian. 89 would be heterosexual and 11 would be homosexual. 6 people would possess 59% of the entire world's wealth and all 6 would be from the USA. 80 would live in substandard housing; 70 would be unable to read; 50 would suffer from malnutrition; 1 would be near death; 1 would have a college education and 1 would own a computer. If you can attend a church service without fear of harassment, arrest, torture or death, you are more blessed than three billion people in the world. If you have food in the refrigerator, clothes on your back, a roof over your head and a place to sleep, you are richer than 75% of this world. If you have money in the bank, in your wallet, and spare change in a dish someplace, you are among the top 8% of the world's wealthy. If you can read this message, you are more blessed than two billion in the world that cannot read at all.

## SEMINARS

January 22

Plant Biology, Chalk Talk, Candidate for a Developmental/Genomics position, Dr. Ken Feldmann, Ceres, Inc., "Functional Genomics of Gametophyte-Requiring Genes in Arabidopsis," 9:00 a.m., 239 Gortner Lab.

January 27

Plant Molecular Genetics, "Transporters for sugar and salt in plants," Dr. John Ward, Plant Biology, Univ. of Minn., 11:45 am, 239 Gortner Lab.

January 27

Applied Plant Sciences (APS), "Molecular biology of plants for heavy metal detoxification of contaminated sites," Harpartap Mann, Graduate Student, Dept. of Hort Science, 3:30 p.m., 306 Borlaug Hall.

January 27

Food, Health and God's Creation, Chuck Lutz, social ethicist and former director of ALC's office of Church in Society, "Loving Our Neighbors in the Whole of God's Creation," 7:00-8:30 p.m., Central Lutheran Church, 333-12th St., Minneapolis. Cynthia Pansing, Don Wyse and Gary Fulcher will be part of the panel discussion which follows Lutz' presentation. See Deon Stuthman for details.

January 28

MISA, The Landscape, Human, and Animal Health Initiative, "Moving big ideas from a small town: The seven years and counting story of the Michigan Land Use Institute and our state's smart growth efforts," Arlin S. Wasserman, Policy Director, Michigan Land Use Institute, 3:00-4:30 p.m., 306 Borlaug Hall.

## POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

### UNIVERSITY OF KENTUCKY

Research Specialist, Plant Breeding-Molecular Marker Technology, Department of Agronomy, Lexington, KY. M.S. in Plant Breeding or closely related area. Closing date: March 1, 2003.

### MICHIGAN STATE UNIVERSITY

Assistant Professor, Weed Management Systems in Agronomic Crops, Dept. of Crop and Soil Sciences, E. Lansing, MI. PhD in Weed Science, Agronomy, Crop Science, Soil Science, or related discipline. Closing date: March 1, 2003.



Agronomy Gleanings, January 27, 2003

1/27/2003 8:00 AM

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January 27, 2003

## ANNOUNCEMENTS

For everyone who enjoys art. Many of you have asked me about my husband's artwork, and I have not done a very good job at describing it. Now there is a chance for you to see them for yourself. 15 of Kito Young's paintings (acrylics and watercolors) will be displayed at the Katherine Nash Gallery (Minneapolis Campus) from Jan 28th to Feb 28th in an art exhibit titled [non] commercial. The show focuses on the work that graphic designers, illustrators and photographers do outside the design industry, "not explicitly produced to meet market demands, but instead made in response to each artist's need to create." If you would like to meet the artists, come to the reception on Friday, Jan. 31st, from 6-8:30 p.m. Everyone is invited! For more information check out: <http://artdept.umn.edu/nash> or call 612-624-7530. I hope to see you there. -Nadilia Gomez

Dale Moss, a former faculty member in the Department, had heart by-pass surgery on Tuesday, December 31 and was released from the hospital on Friday, January 3, and was doing very well. Due to complications from a blood clot, he passed away shortly after midnight on Monday a.m., January 6. Dale and his wife, Kathryn, have been living in Oregon.

Important Change in Savings Bond Regulations. Effective February 2003, the minimum holding period is increased from 6 months to 12 months for newly issued Series EE and I U.S. Savings Bonds. That means Series EE and I savings bonds with February 2003 and later issue dates cannot be redeemed until they are at least 12 months old. This also means that until they are 12 months old, Series EE bonds with February 2003 and later issue dates cannot be exchanged for Series HH bonds. For more information: [www.savingsbonds.gov](http://www.savingsbonds.gov)

The ASA North Central Branch meeting will be held at the Concourse Hotel in Madison, WI, from 10 a.m. on March 25 to Noon on March 26. The meeting will be held jointly with the North Central Branch of the Entomological Society of America. The first morning session and luncheon will be exclusively for ASA. Joint ASA and ESA symposia in the afternoon and following morning will discuss emerging agronomic and entomological issues. Student attendance is encouraged, including participation in a student poster competition. Meeting registration fees will be waived for students. For program information contact the North Central Branch President Joe Lauer,

jglauer@wisc.edu or (608) 263-7438.

The Online Writing Center officially opens for spring semester on Monday, January 27, 2003 and will be open all semester until May 9, 2003. (Closed spring break, March 15-23.) 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 [lkbreuch@umn.edu](mailto:lkbreuch@umn.edu) or 612-624-6727.

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## SEMINARS

January 28

MISA, The Landscape, Human, and Animal Health Initiative, "Moving big ideas from a small town: The seven years and counting story of the Michigan Land Use Institute and our state's smart growth efforts," Arlin S. Wasserman, Policy Director, Michigan Land Use Institute, 3:00-4:30 p.m., 306 Borlaug Hall.

January 28

Plant Development/Genomics Candidate, Dr. Yanhai Yin, The Salk Institute "Plant Steroid Hormone Signaling: From Cell Surface Receptor to Nuclear Target Genes," 3:30 p.m., 335 Borlaug Hall, St. Paul Campus. Chalk Talk, "Dissection of brassinosteroid signal transduction pathway in Arabidopsis," January 29, 9:00 a.m., 239 Gortner Lab, St. Paul Campus.

January 29

Applied Plant Sciences (APS). Canceled Susan Anderson's seminar. Please attend Dean Muscoplat's "College Community Meeting," being held in the North Star Ballroom, St. Paul Student Center. The discussion is on our College priorities. The meeting is 3:00 - 4:00 p.m.

January 30

BioTechnology Institute, Stephen Olmsted, Wyeth Vaccines, "The Application of Bioinformatics to Vaccine Development. The Good, the Bad, and the Ugly," 3:30 p.m., 239 Gortner Labs.

January 30

Molecular Biology Search Candidate, Laura Rusche, "Repressive Chromatin: Theme and Variations," 2-120 MCB, 3:00 p.m. Chalk Talk in 6-135 Jackson Hall, January 31, 8:30 a.m.

February 3

Applied Plant Sciences (APS), Nicole Gardner, "The Potential Benefit of Climate Forecasts to Agriculture," 3:30 p.m., 306 Borlaug Hall.

#### POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

#### CONGRESSIONAL SCIENCE FELLOW

Attention grad students & post docs: Consider spending a year in Washington DC as a Congressional Science Fellow for the American Society of Agronomy (ASA), Crop Science Society of America (CSSA), and Soil Science Society of America (SSSA) applying your scientific expertise as a staffer to Congress or with a government agency. The Fellowship can start anytime from September 2003 to January 2004. The application deadline is March 1. The Fellowship carries a generous annual stipend plus relocation expenses. Details at: [www.agronomy.org/csfp](http://www.agronomy.org/csfp)

#### DC INTERNSHIP

Are you an undergraduate/graduate student with an interest in science policy? Apply for the American Society of Agronomy (ASA) Science Policy Internship in Washington DC. Applicants will have completed at least one semester of their sophomore year. A monthly salary and living expenses are included, with flexible start/end times. The deadline to apply is March 31. Visit: [www.asa-cssa-sssa.org/sci\\_pol\\_intern.html](http://www.asa-cssa-sssa.org/sci_pol_intern.html)

Agronomy Gleanings, February 3, 2003

2/3/2003 8:00 AM

Agronomy Gleanings

Department of Agronomy and Plant Genetics, University of Minnesota

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

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

February 3, 2003

## ANNOUNCEMENTS

Notice: The freezers and coolers in Room 7 on the lower level of the Crops Research Building need to be purged of all samples that no longer have value. All other samples need to be labeled with a current date, project name, or contact person. After February 21st, any samples that are left but do not have a current date or contact person marked on them will be thrown out. Any questions, call Mike at 4-5395.

Birth Announcements-

Aaron Colson (grad student) and Xin Ma had a baby daughter, Yvonne, on January 23. She weighed 6 lbs, 1 oz.

Martijn and Emily van de Mortel are the proud parents of a baby girl, Eva Moellring, 7 lb., 19 in., born January 24.

Condolences-Joseph J. Warthesen, head of the Department of Food Science and Nutrition, died on Friday evening, January 31. Funeral service: Wednesday, February 5, 11 a.m., St. Odilia Catholic Church, 3495 N. Victoria Avenue, Shoreview, MN, with visitation one hour prior.

APSGSA Holiday Drive was a total success-Thanks to everyone who contributed to the Applied Plant Sciences Graduate Student Association (APSGSA) 2002 Holiday Drive. Thanks to your contribution we collected more than 100 winter clothing items including mittens, scarves and hats, and over 100 toys, adding up to approximately \$650.00. The toys were donated to the Toys for Tots program, and the winter clothes were donated to the People Serving People program. Thank you.

Budget Update

To the faculty and staff of the University of Minnesota: You are no doubt aware that Governor Pawlenty's short term budget proposal includes a \$25 million cut in state appropriations for the University that we must implement by the end of June. We expect a reduction of approximately this amount to be adopted by the legislature in the next few days. We also anticipate another budget cut for the coming two-year budget period, beginning on July 1, 2003.

I know that these budget reductions are troubling for all employees. I believe that it

is critical to communicate directly and often as the University faces these difficult challenges. I have already begun a series of consultations with representatives of all employee groups, and I will continue that process over the next few months. I will also communicate with you through email and faculty and staff publications.

First, I want you to know that we will fight hard to protect the core mission of the University. You can help -- take advantage of opportunities that you may have to describe the work that you do and its value to Minnesota's communities. Updates about the legislative session, as well as information on how to contact your legislators, can be found at <http://www.umn.edu/urelate/govrel>.

Second, I want you to know that we will manage these reductions responsibly; our decision-making will be transparent and guided by our mission and values. We will manage through cost containment and cost reductions, broad based cuts, targeted cuts and delayed investment schedules. We will protect student aid and those academic initiatives that have been funded by our strategic planning and budget setting process.

In addition, we will work hard to limit the impact of this budget problem on faculty and staff. However, given the size of the problem we are facing, all options must be considered, including some changes in employee benefit packages. The Benefits Advisory Task Force and other employee consultative groups will play a critical role in this issue.

Third, I need your help! You know better than anyone else does if there are potential cost savings in your area of responsibility. Some of the best ideas on how to make the University work better will certainly come from you. If you have ideas on how the University can save money, please send them to me at: [upres@umn.edu](mailto:upres@umn.edu).

Finally, I want to remind all of you that the University has been through difficult times before -- in our 152-year history, we have survived many other crises. Throughout our history, we have stayed focused on service to Minnesota and to the nation through quality education, teaching and outreach. That will not change as we weather these economic difficulties.

I value the commitment of the University's faculty and staff to our students, to our research and to our community connections. Whatever success we have is because you work hard and you work smart. Please bring that same commitment to the work of solving this difficult budget problem. -President Robert H. Bruininks

## SEMINARS

February 4

Plant Biological Sciences, Program Reception. All graduate students, faculty, and staff please attend this start of the semester get-together, 3:30 p.m., 335 Borlaug Hall.

February 5

What's Up in Sustainable Agriculture (WUSA), Michael Skladany, The Institute for Agriculture and Trade Policy, Some Thoughts on "Feeding the World" Through Sustainable Aquaculture, 12:30 p.m., 197 McNeal Hall.

February 5

Applied Plant Sciences (APS), Dr. Gary Gardner, "Regulation of Plant Growth and Development: Applied and Fundamental Approaches," 3:30 p.m., 310 Alderman Hall.

February 5

Molecular Biology Search, Xuemei Zhao, "Mechanisms of TATA-Box Binding Protein Function: Teaching an Old Dog New Tricks," 4:00 p.m., 2-520 Moos Tower, Minneapolis Campus. Chalk Talk, February 6, 9:00 a.m., 6-135 Jackson Hall.

February 6

Plant Biology, Candidate for a Developmental/Genomics position, Dr. David Meinke, Oklahoma State University, "Genes with Essential Functions During Seed Development in Arabidopsis," 3:30 p.m., B45 Classroom Office Bldg. Chalk Talk, February 7, "Compiling a Comprehensive List of Genes with Mutant Phenotypes in Arabidopsis," 9:00 a.m., 239 Gortner Lab.

February 10

Special Presentation, Dr. Rolf Derpsch, presentation and visit with those interested in cover crops and soil conservation, 9:00 a.m., 306 Borlaug Hall. Dr. Derpsch has worked in South America for over 30 years on cover crops and conservation tillage.

February 10

Plant Molecular Genetics, "An Unusual Group of Nodule Specific Calmodulin-like Genes in *Medicago truncatula*," Junqi Liu, Sr. Research Assoc., Carroll Vance's Lab, 11:45 a.m., 239 Gortner Lab.

February 10

Applied Plant Sciences (APS), Krishona Martinson, "Land Use and Development: The Benefits of Agriculture," 3:30 p.m., 306 Borlaug Hall.

February 10

Molecular Biology Search, Kurt Fredrick, "Coupled Movement of tRNA and mRNA Within the Ribosome," 4:00 p.m., 2-137 Jackson Hall. Chalk Talk, February 11, 9:00 a.m., 6-135 Jackson Hall.

## POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

## UNIVERSITY OF VERMONT

Chair, Department of Plant and Soil Science, Burlington, VT. Doctorate degree in one of the disciplines represented in the department (horticulture, agronomy, soils, plant pathology, entomology or agroecology), whose research is focused on plants, and whose background and interests would help the department incorporate an ecological/agroecological approach into its programs. Closing date: March 18, 2003.

## PURDUE UNIVERSITY

Director, Purdue Crop Diagnostic Training and Research Center, West Lafayette, IN. M.S. or Ph.D. (or equivalent experience) in Agronomy, Entomology, Plant Pathology, Weed Science, or related discipline. Closing date: March 7, 2003.

**USDA, REE, ARS**

Rice Molecular Geneticist, Dale Bumpers National Rice Research Center, Stuttgart, AR. A degree in genetics or a related scientific discipline is required. Closing date: February 14, 2003.

**MONSANTO COMPANY**

Self-motivated individual, the Production Discovery Group, Agracetus Campus, Middleton, WI. M.S./Ph.D. degree with 2-3 years experience in a biological science discipline. Consideration will be given to candidates with a B.S. degree and significant relevant experience.

**UNIVERSITY OF MAINE**

Plant Geneticist, Department of Biological Sciences, Orono, ME. Ph.D. in plant genetics or a closely related field and experience in the use of molecular tools for plant improvement. Closing date: February 1, 2003 and continue until a suitable candidate is found.

**UNIVERSITY OF WISCONSIN-EXTENSION**

Agriculture Agent, Monroe County, Sparta, WI. Master's degree with at least one degree in a field that relates to the responsibilities of this position such as agriculture economics, dairy science, animal science or agriculture education. Closing date: February 19, 2003.

**THE NATURE CONSERVANCY**

Seasonal employment opportunities for 2003, Portland, OR. For more information: [nature.org/careers](http://nature.org/careers).

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2/10/2003 8:00 AM

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February 10, 2003

## ANNOUNCEMENTS

### FACTS TRIVIAL AND OTHERWISE

The recently passed Farm Bill by Congress and the President needs some clarification. First, the sum usually quoted is for a 6 year period, not one year. Second, about 60% of the sum is applied to food stamps, not agriculture!!! The amount spent on food stamps should be charged to the Dept. of Health and Human Services, not Agriculture. Third, a lot of the funds are directed to conservation rather than to crop subsidies as most people believe. Fourth, it costs less than the 1996 Farm Bill and amounts to about 0.05% of the U.S. budget. -D.G. Baker, Dept of Soil, Water, and Climate

Departmental Coffee, Friday, February 21, 9:30 a.m. in 306 Borlaug Hall. Please remember to bring your own mug. Sponsored by the Syngenta Development Committee. Hosted by the Weed Ecology Project.

Juan Gebauer, Scott Johnson and Bob Nielsen, former departmental graduate students, send greetings to those in the Department who remember them. -Deon Stuthman

The University's unique "Great Conversations" series opens its Spring season with a special appearance by Nobel Peace Prize recipient Archbishop Desmond Tutu. Engaging in a public discussion of human rights with University Vice President and Executive Vice Provost Robert J. Jones, Tuesday, February 25, 7:30 p.m., Northrup Auditorium. For further information or to order tickets, call 612-624-2345 or visit [www.cce.umn.edu/conversations](http://www.cce.umn.edu/conversations).

## SEMINARS

February 11

Plant Biology, Candidate for a Developmental/Genomics position, Dr. Francine Carland, Yale University, "Novel roles for sterols and inositol phosphates in vascular patterning of Arabidopsis foliar organs," 3:30 p.m., 335 Borlaug Hall. Chalk Talk, February 12, "Vascular Patterning Mechanisms in Arabidopsis, 9:00 a.m., 239 Gortner Lab.

February 12

Applied Plant Sciences (APS), David Zlesak, "Selection of non-obligate vernalization requirement for flowering in lily," 3:30 p.m., 310 Alderman Hall.



February 13

BioTechnology Institute, David J. Norris, Chemical Engineering and Materials Science, Univ. of Minn., "Quantum Dots in Frogs," 3:30 p.m., 239 Gortner Lab, St. Paul Campus.

February 13

Plant Biology, Candidate for a Developmental/Genomics position, Dr. Fumiaki Katagiri, Torrey Mesa Research Institute, "Plant Disease Resistance: Insights from Protein Structure and Global Expression Profiling," 3:30 p.m., B45 Classroom Office Bldg. Chalk Talk, February 14, "Attacking Complex Problems with the Power of Systems Biology?," 9:00 a.m., 239 Gortner Lab.

February 17

Plant Pathology, Jim Kolmer, Adjunct Assoc. Prof., USDA, "Wheat Leaf Rust Research at the Cereal Disease Lab, 3:00 p.m., 365 Borlaug Hall.

February 17

Applied Plant Sciences (APS), Michael Long, "Toward a Comprehensive Understanding of Rose Fragrance," 3:30 p.m., 306 Borlaug Hall.

February 17

Molecular Biology search candidate, Judd Rice, "Analysis of histone methylation during development and the cell cycle," 2-137 Jackson Hall, 4:00 p.m. Chalk Talk, February 18, 9:00 a.m., 6-135 Jackson Hall.

#### POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

#### MICHIGAN STATE UNIVERSITY

Assistant Professor, Weed Management Systems in Agronomic Crops, Dept. of Crop and Soil Sciences, E. Lansing, MI. Ph.D. in Weed Science, Agronomy, Crop Science, Soil Science or related discipline. Closing date: March 1, 2003.

#### SOUTH DAKOTA STATE UNIVERSITY

Research Associate I, Precision Farming, Department of Plant Science, Brookings, SD. Earned M.S. in agriculture or biological field. Closing date: March 15, 2003.

#### UNIVERSITY OF MISSOURI-COLUMBIA

Assistant Professor of Agronomy, State Extension Specialist, Integrated Weed Management, Plant Sciences Unit. Ph.D. with emphasis in weed science and interest in conducting field research and educational programs in weed management. Closing date: March 24, 2003.

#### UNIVERSITY OF KENTUCKY

Graduate Research Assistant, Department of Agronomy, Lexington, KY. Research topic: Using Novel Corn Varieties for No-till Silage Production in Kentucky. B.S. degree

in Soil Science, Crop Science, Agronomy, Biology or related field. Closing date:  
Applications accepted until position is filled.

Agronomy Gleanings, February 17, 2003

2/17/2003 8:00 AM

Agronomy Gleanings

Department of Agronomy and Plant Genetics, University of Minnesota

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

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

February 17, 2003

## ANNOUNCEMENTS

Departmental Coffee, Friday, February 21, 9:30 a.m. in 306 Borlaug Hall. Join your friends and colleagues for coffee, juice and goodies. Bring your own coffee mug. Sponsored by: Syngenta and the Weed Ecology group.

Classes without Quizzes. Every day researchers in the College of Agricultural, Food and Environmental Sciences learn new things about food, the environment and agriculture that make a difference in your lives. On April 5, these scientists will tell what they know in an enjoyable, half-day session.

Interesting sessions will share the latest research on protecting water quality, handling pesky mosquitoes and making the right food choices. We'll also give you an insider's look at a plan for renewable energy on the prairie and the promise and perils of robots in food production. Plus, special sessions will focus on revitalizing rural communities and strategies to manage the threat of bioterrorism against our food supply.

Classes without Quizzes gives our College a way to showcase all the interesting things we do here that bring value to the state. Please plan to attend and invite your friends and other contacts for this fresh look at science that affects their lives. For a complete program and registration information go to <http://alumni.coafes.umn.edu/forum>. The cost is \$15 for Alumni Society members, \$20 for non Alumni Society members and \$10 for students.

Personal Vehicle Maintenance. Did you know that you can now have the oil changed on your personal vehicle, or have your brakes checked and replaced if needed, while you are at work? The St. Paul Campus Ag. Services Farm Shop is now approved to do maintenance on privately owned vehicles and equipment for U of M employees. For details, call our mechanic, Steve Ziertman at 625-5730, for a price quote, and scheduling. Thanks. -Tom Warnke

Bill Bushnell's Retirement Party. Prof. William Bushnell, Cereal Disease Lab, Plant Pathology Department, is retiring this spring. The Department of Plant Pathology is hosting a retirement reception for Bill and Ann on the afternoon of Thursday, May 29th, 2003. Please send your letters for Bill and Ann before April 1st to: Prof. Richard Zeyen, Plant Pathology, Univ. of Minnesota, 495 Borlaug Hall, 1991 Upper Buford Circle, St.

Paul, MN 55108.

## SEMINARS

February 18

Plant Biology, candidate for a Developmental/Genomics position, Dr. Heriberto Cerutti, Univ. of Nebraska/Lincoln, "Mechanisms of epigenetic gene silencing in *Chlamydomonas* and *Arabidopsis*: from defense response to developmental control," 3:30 p.m., 335 Borlaug Hall. Chalk Talk, February 19, "Perspectives on RNA interference and functional genomics in *Chlamydomonas*," 9:00 a.m., 239 Gortner Lab.

February 19

WUSA (What's Up in Sustainable Agriculture), Kristen Corselius, The Institute for Agriculture and Trade Policy, "Messages matter! Communicating about food and agriculture issues," 12:00 noon, 306 Borlaug Hall.

February 19

Applied Plant Sciences (APS), Seminar canceled.

February 19

Molecular Biology, faculty candidate, Dr. Reuben Harris, Cambridge, England, "Physiological Roles and Pathological Consequences of DNA Deamination," 4:00 p.m., 2-520 Moos Tower, Mpls. Campus. Chalk Talk, February 20, 9:00 a.m., 6-135 Jackson Hall.

February 20

Plant Biology, Candidate for a Developmental/Genomics position, Dr. Keith Adams, Iowa State University, "Genome Evolution and the Mysteries of Polyploidy," 3:30 p.m., B45 Classroom Office Bldg. Chalk Talk, February 21, "Evolutionary and Comparative Genomics of Polyploids: Research Plans," 9:00 a.m., 239 Gortner Lab.

February 24

Plant Pathology, Bob Blanchette, "Microbes, Trees and Wood-Recent Investigations and Current Projects on Forest Pathology and Wood Microbiology in the Department of Plant Pathology," 3:00 p.m., 365 Borlaug Hall.

February 24

Applied Plant Sciences (APS), No Seminar. Prelim question discussion, 3:30 p.m., 306 Borlaug Hall.

## POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

None this week.

Agronomy Gleanings, March 3, 2003

3/3/2003 8:00 AM

Agronomy Gleanings

Department of Agronomy and Plant Genetics, University of Minnesota

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

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

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

March 3, 2003

## ANNOUNCEMENTS

### Birth Announcements

Yun and Jianming Yu are the proud parents of a baby girl, Anyang. She was born February 15, 12:34 p.m., at Fairview-University Medical Center, Riverside. Weight: 6 lbs 6 oz; length: 21 inches.

Roger and Jill Caspers wish to announce the arrival of Anna Rose, born 11:30 p.m., 3/3/03. Weight: 8 lbs 11 oz. Mom and baby are doing well.

Condolences. Deon Stuthman's mother, Elna, passed away February 25. Funeral services were Saturday, March 1, in West Point, Nebraska.

Mark Galatowitsch sends greetings from South Africa. Check out the new pictures on their web site: <http://www.tc.umn.edu/~galat001/>

West Nile Virus in North America National Pest Alert information can be found at Web site <http://www.ncpmc.org/newsalerts/westnilevirus.html>

Chemical Requests. I am taking chemical requests from all Agronomy projects at this time. Email ([mccl004@umn.edu](mailto:mccl004@umn.edu)), call (4-5395), or campus mail by March 15th a list of what you might need this summer. --Mike McClellan

2003 Field Plot Requests at St. Paul. Any projects that need plot space for the upcoming growing season need to contact Mike McClellan at 4-5395 before April 1st.

Vehicle For Sale: 1991 Isuzu pickup, 2 wheel drive, AM-FM radio, 5 speed, very good condition, \$2100.00, call Tom Warnke at 625-1228 for more information.

Parking Warning. This is to remind all personnel that work in or use the Crop Research and Crop Service facilities that any private vehicles parked anywhere around the Crop Service building will be tagged or towed. The only exception will be when using a private vehicle for loading or unloading samples for processing or drying. This should be limited to 30 minutes and no longer. All overhead doors and service doors need to be accessible at all times. All projects that use the building need to be able to move

samples and equipment in and out without hassles. Also, all entrances need to be kept unblocked due to safety issues, such as moving emergency equipment and personnel into the building and evacuation of the building in case of a fire or other problems that would cause the building to become unsafe. Any questions, call Mike at 4-5395.

The 2003 Kermit A. Olson Memorial Lecture, sponsored by the Department of Horticultural Science, will be held March 12 at 3:30 PM in 110 Green Hall, St. Paul Campus. Lecture title: "Modern Economic Botany; Tropical Fruit Markets and Resources," by Dr. Richard J. Campbell, Senior Curator and Head of the Tropical Fruit Program at Fairchild Tropical Garden, Coral Gables, Florida.

3:30 PM - Scholarship Awards Presentation

4:00 PM - Dr. Campbell's lecture

5:00 PM - Reception honoring Dr. Campbell and department scholarship and award recipients will follow the lecture in room 310 Alderman Hall.

#### 2003 Spring Classes at Magrath Library

Featured class: Grad Student Workshop, Thurs., March 6, 3:00 to 4:30. Learn efficient ways to use the library, and identify the newest resources in your field. Appropriate for newer students and those currently planning or working on a literature review.

New class: Bioinformatics Resources: An Introduction, Mon., March 31, 3:30 to 4:30. An overview of bioinformatics resources and tools available free from the National Center for Biotechnology Information (NCBI), including Entrez databases such as GenBank and RefSeq, the BLAST similarity search engine and genome data. Register for classes at <http://www.lib.umn.edu/registration>.

Regular offerings:

- Automatic E-mail Updates, March 4, 6, 26, April 6
- Searching: 14 Habits of Highly Effective Searchers, March 6, April 2
- Organizing your Personal Library using EndNote, March 18, April 3
- E-journals: Tips and tricks, March 4, 26, April 7
- Grant resources: Locating Grants in your Field, March 11
- SciFinder: Web Access to Chemical Abstracts, March 25

If these times don't fit your schedule, please contact the Magrath Reference Desk to make arrangements for a special session: [magrath@umn.edu](mailto:magrath@umn.edu) or 612-624-1212.

#### SEMINARS

March 4

Plant Biology, Candidate for a Developmental/Genomics position, Dr. Jane Glazebrook, Torrey Mesa Research Institute, 3:30 p.m., 335 Borlaug Hall. Chalk Talk, "High-Throughput Approaches for Elucidating Plant Disease Resistance Network Topology," March 5, 9:00 a.m., 239 Gortner Lab.

March 5

WUSA (What's Up in Sustainable Agriculture), John Fisher-Merritt, Food Farm, "Season Extension with a Root Cellar," 12:00 noon, 306 Borlaug Hall.

March 5

Applied Plant Sciences (APS), Jenipher Bisikwa, thesis proposal: "Growth and Management of Common Buckthorn," 3:30 p.m., 310 Alderman Hall.

March 6

BioTechnology Institute, Kevin Roberg-Perez, Univ. of Minnesota Cancer Center, "Bioinformatics Approaches and Databases in Cancer Center Research," 3:30 p.m., Room 450, Cancer Center Research Building, Minneapolis Campus.

March 7

Special Seminar, "Genetic Manipulation of Cool Season Forages," Zengyu Wang, Forage Biotechnology Group, The Samuel Roberts Noble Foundation, 9:30 AM, 306 Borlaug Hall.

March 10

Plant Pathology, Linda Kinkel, "The Ecology of Antibiotic-Producing Bacteria in Agricultural and Prairie Soils," 3:00 p.m., 365 Borlaug Hall.

March 10

Applied Plant Sciences (APS), Sam Hutton, "Efficacy of Transgenic Cotton," 3:30 p.m., 306 Borlaug Hall.

#### POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

#### USDA - ARS, ST. PAUL, MINNESOTA

Temporary (2-year) Biological Science Technician to work on disease resistance and other traits in wheat. Specialized experience or related graduate education required. Closing date: March 14, 2003.

#### MANAGEMENT RECRUITERS OF IOWA CITY

Station Manager/Yield Trial Manager, Morris, MN. Bachelors degree in Agronomy or related field preferred.

#### MANAGEMENT RECRUITERS OF IOWA CITY

Testing Station Technician, Hybrid Corn, Nebraska. B.S. in Agronomy or equivalent.

#### MANAGEMENT RECRUITERS OF IOWA CITY

Entry level position at a seed production facility, Kankakee, Illinois. AA or BS in Agronomy, Crop Science or related area.

#### WEBER STATE UNIVERSITY

Assistant Professor of Botany, Plant Anatomy/Morphology, Ogden, Utah. Ph.D. in botany, plant biology, or related field with expertise in plant anatomy and morphology. Closing date: March 14, 2003.

SOUTH DAKOTA STATE UNIVERSITY

Assistant Professor/Extension Agronomist (Forage Crops), Brookings, SD. PhD degree, by application deadline, in agronomy or related discipline with emphasis on forage production and management. Closing date: May 1, 2003.



Agronomy Gleanings, March 10, 2003

3/10/2003 8:00 AM

Agronomy Gleanings

Department of Agronomy and Plant Genetics, University of Minnesota

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

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

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

March 10, 2003

## ANNOUNCEMENTS

A Departmental Coffee will be held on Friday, 14 March, from 9:30 am - 10:30 am in 306 Borlaug Hall. Please reserve this time and plan to come for coffee, tea, juice and good things to eat. The Coffee is hosted by Some of the Undergraduate Teaching Folks. Come prepared to eat, drink and learn! --Sponsored by the Syngenta Development Committee.

Details of the University budget reduction for 2004-2005 are not likely to be known until the Legislature adopts the next biennial budget. As President Bruininks announces the University's plans and strategies in the coming months, the potential impact on the Department also will become clearer. Any new information will be passed along as it is available. In the meantime my door is open for you to talk to me about your concerns. -- Burle

Thank You. Judy and I wish to thank everyone for the very thoughtful memorials, beautiful flowers/cards, and/or oral expressions of sympathy upon the death of my mother. She had a good and long life but her Parkinson's finally took its ultimate toll. It is especially at times like this that expressions of support mean so much. They do make the burden lighter. Again thanks. --Deon and Judy Stuthman

Philip C. Hamm Memorial Scholarship Program. One scholarship of \$1000 is available to undergraduate students in the plant sciences and related disciplines. Nominations should be submitted to: Dr. Mark E. Ascerno, Chairperson, Hamm Memorial Selection Committee, Department of Entomology, 219 Hodson Hall, St. Paul Campus. Application deadline is March 12, 2003.

Philip C. Hamm Memorial Scholarship Program. Two nonrenewable scholarships of \$1500 each are available to graduate students in the plant sciences and related disciplines. Nominations should be submitted to: Dr. Mark E. Ascerno, Chairperson, Hamm Memorial Selection Committee, Department of Entomology, 219 Hodson Hall, St. Paul Campus. Application deadline is March 12, 2003.

Applications are being accepted for the Hueg-Harrison Fellowship. Graduate students in the Departments of Agronomy and Plant Genetics; Applied Economics; Dairy Science in

Animal Science; Soil, Water, and Climate are eligible. Applications should be sent to the Director of Graduate Studies in your department. Application deadline is March 28, 2003.

Campus Sustainability Summit, Wednesday, April 23, 2003, 8:30 am-5:00 pm, Bell Museum of Natural History and College of Architecture and Landscape Architecture, Rapson Hall, University of Minnesota, Minneapolis. This is a one-day workshop to identify ways that the University can provide leadership in sustainable development through its teaching, as well as serve as an example of sustainability through its campus operations and community partnerships. Sustainable development is defined as meeting the needs of the present without compromising the ability of future generations to meet their needs. For additional details, visit the Summit's website at <http://www.fw.umn.edu/isees/CSS/css.htm>, or contact Lark Weller at the Institute for Social, Economic and Ecological Sustainability (ISEES) at 612-624-7723 or [isees@fw.umn.edu](mailto:isees@fw.umn.edu).

Great Conversations, Norman E. Bowie and Thomas W. Dunfee, "Business Ethics," Ted Mann Concert Hall, Monday, March 17, 7:30 p.m. For further information or to order tickets, call 624-2345 or visit [www.cce.umn.edu/conversations](http://www.cce.umn.edu/conversations).

William E. Larson and Raymond R. Allmaras Lecture Series, Dept. of Soil, Water, and Climate, Emerging Issues in Soil and Water. Lecture: "Controlling Greenhouse Gases and Feeding the Globe Through Soil Management," Dr. Rattan Lal, Ohio State University, April 4, 2003, 2:00-3:45 p.m., 335 Borlaug Hall.

Classes Without Quizzes. Renewable energy, managing threat of bioterrorism in our food supply, eating to reduce heart disease, and using robots in food production will be among topics at April 5th Classes Without Quizzes. Half-day program on research that affects you in food, environment, and agriculture is sponsored by COAFES. To register, see [alumni.coafes.umn.edu/forum](http://alumni.coafes.umn.edu/forum).

## SEMINARS

March 11

Plant Biological Sciences, Dr. Pill-Soon Song, Univ. of Nebraska, Lincoln, "Inter-domain cross-talk and phosphorylation in the phytochrome A molecule," 3:30 p.m., 335 Borlaug Hall.

March 12

Applied Plant Sciences (APS). No seminar.

March 12

Kermit A. Olson Memorial Lecture, Dr. Richard J. Campbell, "Modern Economic Botany; Tropical Fruit Markets and Resources," 4:00 p.m., 110 Green Hall, St. Paul Campus.

March 12

Biochemistry, Molecular Biology and Biophysics, "Structural Studies of 5'-methylthioadenosine/S-adenosylhomocysteine nucleosidase: A potential target for the design of novel antibiotics," Dr. Lynne Howell, University of Toronto, Canada, 4:00 p.m., 2-520 Moos Tower, Minneapolis Campus.

March 13

BioTechnology Institute, Wendy Lougee, University Librarian, "Libraries of the Future," 3:30 p.m., 2-101 Basic Sciences and BioMedical Engineering.

March 17

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

#### POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

None this week.

Agronomy Gleanings, March 17, 2003

3/17/2003 8:00 AM

Agronomy Gleanings

Department of Agronomy and Plant Genetics, University of Minnesota

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

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

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

March 17, 2003

## ANNOUNCEMENTS

Birth Announcement. Daniella and Marcelo Pacheco wish to announce the arrival of Clara Machado, born March 2nd, weighing 8 lb 1 oz. Mother and baby are doing well.

Cliff Christianson's new address is: c/o Ann Lockwood, 128 Russell St., Spartanburg, SC 29307.

The Civil Service Committee will have seven vacancies beginning July 2003; six on the TC Campus, one for Morris Campus. Application deadline: Friday, April 4, 2003. <http://www1.umn.edu/csc/>

Shape Up Challenge 2003, sponsored by the Syngenta Committee, starts Tuesday, April 1 and lasts until Monday, May 12. The Shape Up Challenge is a six-week opportunity to become more physically active. The challenge awards points and prizes to employees for doing aerobic or strength training and flexibility activities. The purpose is to encourage employees towards fitness. Your goal is to earn 200 points worth of exercise each week. Each minute of exercise is worth 1 point. Form a team or participate individually. Teams will select a team captain who will report your points each week to Lynne Medgaarden ([medga001@umn.edu](mailto:medga001@umn.edu)) or Jeff Roessler ([roess001@umn.edu](mailto:roess001@umn.edu)).

MCIA HISTORY BOOK AVAILABLE. To commemorate 100 years of service to Minnesota agriculture the Minnesota Crop Improvement Association has published a history of the organization. Faculty and staff interested in the book may pick up a complementary copy in the Agronomy office, 411 Borlaug Hall. The book "Minnesota Crop Improvement Association 1903-2002" compiled by Harlan Stoehr chronicles the 100 year history of MCIA highlighting the people, activities and events that shaped the organization. Its publication and distribution were made possible by the generous contributions from the Minnesota Seed Producers and Promotion Association, the Minnesota Approved Seed Conditioners and Marketing Association and the Minnesota Soybean Growers Association and Minnesota Soybean Promotion Council.

ASA/CSSA/SSSA. Undergraduate and Graduate Students consider the American Society of Agronomy (ASA), Crop Science Society of America (CSSA), or Soil Science

Society of America (SSSA) as your scientific Society of choice to help you reach your career goals and shape your profession, whether in the professional work force or continuing your education in graduate school. Special Undergraduate/Graduate Student Membership Rate: \$10 off! Become a member at the special rate of only \$21 per year, or \$42 for two years. Apply today: [www.asa-cssa-sssa.org/special](http://www.asa-cssa-sssa.org/special)

Services of Employee Career Enrichment Program (ECEP) include workshops, individual career coaching, supervisor training, departmental consultation, and online tutorials and career information -- especially the Job Search Resources section with Web-based tools. Individuals who would like to explore career development issues are encouraged to use these services. Refer to the ECEP Web site at <http://www1.umn.edu/ohr/ecep>

The Talent Resource Bank encourages non-renewed P&A staff to submit a resume to the Bank, which is then made available for consideration by interested hiring departments/units within the University. This service is available to employees during the time they remain employed at the University. For more detailed information, refer to the Talent Resource Bank for P&A employees at <http://www1.umn.edu/ohr/talentbank/>

The Layoff List is a rich resource of experienced civil service and bargaining unit employees who have been laid off due to a lack of work or funds, or who have not passed a subsequent probationary period. Employees who receive a notice of layoff have rights to vacancies under either the Civil Service Rules or a Bargaining Unit Contract. They are referred to vacancies in those classifications where they have passed probation and earned seniority if they meet the essential qualifications for the positions. For more detailed information, refer to the Job Search Resources section of the ECEP Web site at <http://www1.umn.edu/ohr/ecep/jobsearch.htm>

The Employee Assistance Program is available as a resource to anyone who might experience a personal or work-related difficulty that may impact their health or well being. Services provided include professional personal problem assessment, introduction to problem solving skills, short-term counseling, and assistance with referrals to managed care resources and other external community resources. Refer to the EAP Web site at <http://www1.umn.edu/ohr/eap>

The Academic Staff Non-Renewal Program is an elected benefit program provided to academic professional and administrative (P&A) staff who receive a non-renewal of appointment notice and who meet the eligibility requirements. Benefits are based on years of continuous service with the University in designated types of appointments. The program was established to recognize years of service to the University of Minnesota by eligible P&A employees whose appointments are non-renewed. For more information refer to the Toolkit for Managing During Times of Limited Resources Web site at <http://www1.umn.edu/ohr/st/toolkit.htm> or call Employee Benefits at 612-624-9090 or 800-756-2363 (option 2).

The Civil Service and Bargaining Unit Staff Layoff Severance Program is an elected benefit program provided to civil service and represented bargaining unit staff who receive a notice of layoff and who meet the eligibility requirements. Benefits are based on years of continuous service with the University in designated types of appointments. The program was established to recognize years of service to the University of Minnesota by eligible civil service and represented bargaining unit staff employees who receive a written notice of layoff. For more information refer to the Toolkit for Managing During Times of Limited Resources Web site at <http://www1.umn.edu/ohr/st/toolkit.htm> or call Employee Benefits at 612-624-9090 or 800-756-2363 (option 2).

## SEMINARS

March 18

Special Seminar, Paul Ehrlich, Stanford University, will be the latest speaker in the National Academy of Sciences Lecturer Series sponsored by the Center for Microbial and Plant Genomics. Public lecture, "Checkerspot: A Model System in Population Biology," 3:30 pm, 135 Earle Brown Center.

March 19

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

March 24

Plant Pathology, Caitilyn Allen, Univ. of Wisconsin, Madison, "Interactions Between Plants and *Ralstonia solanacearum*, the Bacterial Wilt Pathogen," 3:00 p.m., 365 Borlaug Hall.

March 24

Applied Plant Sciences (APS), Ebandro Uscanga-Mortera, "Biological Control of Weeds," 3:30 p.m., 306 Borlaug Hall.

## POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

### COLORADO STATE UNIVERSITY

Graduate Research Assistantship leading to the M.S. or Ph.D. in Plant Breeding and Genetics, Department of Soil and Crop Sciences, Fort Collins, CO. Research in dry bean breeding and genetics. Start date: Fall 2003.

### OUTREACH/EXTENSION, UNIVERSITY OF MISSOURI, LINCOLN

Regional Extension Specialist, Grant City, MO. MS degree in agronomy and/or soil science, with courses in crop and forage production, plant pathology, entomology, weed science and soils. Closing date: April 10, 2003.

### UNIVERSITY OF WASHINGTON

Professor and Director of the Center for Urban Horticulture and the Washington Park

Arboretum, Seattle, Washington. Closing date: March 31, 2003. <http://www.cfr.washington.edu/Internal/jobs/jobs.htm>

**USDA CSREES**

Program Specialist, Plant Science background, Washington, DC. Closing date: May 2, 2003. <http://www.reeusda.gov/hrd/S3M-4153.htm>

**BUREAU OF LAND MANAGEMENT, DEPARTMENT OF INTERIOR**

Range Aid/Range Technician, summer weed jobs, Reno, Nevada. Closing date: April 11, 2003. [www.USAJOBS.opm.gov](http://www.USAJOBS.opm.gov)

Agronomy Gleanings, March 24, 2003

3/24/2003 8:00 AM

Agronomy Gleanings

Department of Agronomy and Plant Genetics, University of Minnesota

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

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

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

March 24, 2003

## ANNOUNCEMENTS

H.K. Hayes Memorial Lecture and Hayes Graduate Student Award, Monday, April 7, 2003. Lecture: "A Time to Choose" by Robert Bergland, Former University of Minnesota Regent and U.S. Secretary of Agriculture.

Lunch: 12:30-1:30 p.m. (306 Borlaug Hall). A complimentary light lunch will be served. A Panel Discussion with Former H.K. Hayes Graduate Student Award Recipients

Award: 2:00-3:00 p.m. (306 Borlaug Hall) Graduate Student Award

Lecture: 3:00-4:00 p.m. (335 Borlaug Hall) Hayes Memorial Lecture

Reception: 4:00-5:00 p.m. (306 Borlaug Hall)

The Graduate Student Award--Jianming Yu has been chosen as the thirtieth recipient of the H.K. Hayes Graduate Student Award. He has excelled in classroom performance, research competency, and leadership in department and student activities. Jianming is majoring in plant breeding. He will be presented a plaque and cash award.

Phillip C. Hamm Memorial Lecture, "Mixed Messages in Caterpillar Saliva: Implications for Plant Defenses," by Gary Felton, Department Head, Department of Entomology, Pennsylvania State University, Tuesday, April 15, 2003, 3:30-4:00 p.m., Reception, Borlaug Hall Lobby, 4:00-5:30 p.m., Awards Ceremony and Lecture, 335 Borlaug Hall, St. Paul Campus. Everyone is welcome.

2003 Request for Proposals/USDA/USDE, Biomass Research and Development Initiative. Due date is May 16, 2003. See Jeanne for copy of RFP.

Birth Announcement--Tracy O'Neill had a baby girl Tuesday, March 18 at 10:03 a.m. Ava Sererina was 8 lbs 4 oz and 21 ½ inches. Both are very healthy and happy.

Condolences--Keith Henjum's mother, Shirley Henjum, passed away on Saturday, March 22. Funeral services are on Wednesday, March 26, at 11:00 a.m., Emerson Congregational United Church of Christ, 7601 Girard Avenue South, Richfield, MN.

Due to rising concerns regarding risk of identity theft, social security numbers will no longer be required on U forms--travel authorization, employee travel reimbursement, and payment authorization. Employees should provide their employee identification



number or Peoplesoft ID number instead. Forms in use will be revised to reflect change once remaining inventory has been depleted. Also, as extra security measure, cardholders are advised to cross out credit card numbers on receipts.

Peace Corps--Interested in work and travel abroad? Want to learn another language and experience another culture while working to make the world a better place? Up for the challenge of a lifetime? Come find out more about opportunities for you with the Peace Corps. General Information Meeting and Returned Volunteer Panel, Wednesday, March 26, University YMCA (1801 University Ave. SE--near Williams Arena), 6:00 pm - 7:00 pm. For more information contact Shannon Skally, U of M Campus Representative, Peace Corps, 310 Green Hall, 612-625-4716.

Grant Writing Seminar--The Office of the Executive Vice President and Provost invites you to attend a 1.5 day grant writing instructional program designed for junior faculty and P&A staff who are currently serving or who have previously served as a principal investigator for a grant. The workshop will be held at the Holiday Inn Metrodome on April 3, 8:30-4:30 p.m. and April 4, 8:30 - 12 noon. There is no cost for the workshop, but registration is due by March 28. To register contact Barb Hartman at b-hart@umn.edu or 626-9545.

International Travel and Study Abroad Programs. It is understandable that faculty, staff and students who are contemplating or have international travel scheduled in the near future may have some special concerns at this time. Many of your questions can be addressed at the "Travel Resources" link on the Office of International Programs website at: <http://www.international.umn.edu> or at "Safety Links" on the Global Campus-Study Abroad website: <http://www.umabroad.umn.edu/safetylinks.html>

## SEMINARS

March 26

WUSA (What's Up in Sustainable Agriculture), Paula Westmoreland, Ecological Gardens, "Permaculture Landscaping, Workshops and More!," 12:00 noon, 306 Borlaug.

March 26

Applied Plant Sciences (APS), Federico Condon, thesis proposal, "SSR Allelic Diversity Evolution in the MN Barley Breeding Project," 3:30 p.m., 310 Alderman Hall.

March 26

Biochemistry, Molecular Biology and Biophysics, "Preparing Recombinant Multicomponent Protein Complexes for Biochemical and Structural Studies: Applications to Eukaryotic Gene Regulatory Complexes," Dr. Song Tan, Penn State University, 4:00 p.m., 2-520 Moos Tower, Minneapolis Campus.

March 31

Plant Pathology, James Kurle, Assistant Professor, "The Soybean Pathology Project: Soybean Disease Management from the Ground Up," 3:00 p.m., 365 Borlaug Hall.

March 31

Applied Plant Sciences (APS), No seminar. Prelim question discussion.

April 1

Plant Biological Sciences, Dr. Barry Palevitz, University of Georgia, "Preaching Beyond the Choir: Scientists Communicating Science to a Wider Audience," 3:30 p.m., 335 Borlaug Hall.

April 5

COAFES and its Alumni Society, Classes Without Quizzes, 9:00 a.m.-2:00 p.m., Borlaug Hall. For more details and to register, call 4-1745 or <http://alumni.coafes.umn.edu/forum/>

#### POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

#### UNIVERSITY OF WISCONSIN-EXTENSION

Agri-Business Development Educator, Waukesha, WI. Master's degree with at least one degree in a field that relates to the responsibilities of this position such as agri-business or agriculture economics, agronomy, animal science or dairy science. Closing date: March 26, 2003.

Agronomy Gleanings, March 31, 2003

3/31/2003 8:00 AM

## AGRONOMY GLEANINGS

Department of Agronomy and Plant Genetics, University of Minnesota

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

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

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

March 31, 2003

## ANNOUNCEMENTS

The 2003 Shape Up Challenge will start Tuesday, April 1, with a kick-off event in 306 Borlaug Hall. Team photos and weekly point totals for teams and individuals will be posted on the Shape Up Challenge Bulletin Board on 3rd floor of Hayes Hall. The first double point day is April 1.

H.K. Hayes Memorial Lecture and Hayes Graduate Student Award, Monday, April 7, 2003. Lecture: "A Time to Choose" by Robert Bergland, Former University of Minnesota Regent and U.S. Secretary of Agriculture.

Lunch: 12:30-1:30 p.m. (306 Borlaug Hall). A complimentary light lunch will be served. A Panel Discussion with Former H.K. Hayes Graduate Student Award Recipients.

Award: 2:00-3:00 p.m. (306 Borlaug Hall) Graduate Student Award

Lecture: 3:00-4:00 p.m. (335 Borlaug Hall) Hayes Memorial Lecture

Reception: 4:00-5:00 p.m. (306 Borlaug Hall)

Address Change: SW Research and Outreach Center, 23669 130th St., Lamberton, MN 56152-1326.

PLANT SALE presented by the Plant Biology Phytograds and the CBS Greenhouse, Wednesday and Thursday, April 2nd and 3rd from 9:00 AM - 4:00 PM, St. Paul Student Center room #108.

The Bioethics Institute 2003, Sponsored and Funded by the United States Department of Agriculture and National Agricultural Biotechnology Council, June 14-19, 2003, McNamara Alumni Center, University of Minnesota, Minneapolis Campus. Deadline for applications: April 15, 2003. Website: [www.bioethics.umn.edu](http://www.bioethics.umn.edu)

## SEMINARS

April 1

Plant Biological Sciences, Dr. Barry Palevitz, University of Georgia, "Preaching Beyond the Choir: Scientists Communicating Science to a Wider Audience," 3:30 p.m., 335 Borlaug Hall. Round table discussion with Dr. Palevitz, 4:30 p.m., 306 Borlaug Hall.

April 2

WUSA (What's Up in Sustainable Agriculture), Bud Markhart, Horticultural Science, "Organic Travels in Taiwan," 12:00 noon, 306 Borlaug Hall.

April 2

Applied Plant Sciences (APS), Jason Fischbach, "The Domestication and Commercialization of Wild Rice, Hazelnuts, and Illinois Bundleflower: New Agriculture or Continued Oligarchical Myopism?," 3:30 p.m., 310 Alderman Hall.

April 2

Biochemistry, Molecular Biology and Biophysics, "Use of Knockout and Transgenic Mice to Test the Oxidative Stress Theory of Aging," Dr. Arlan Richardson, Univ. of Texas Health Science Center, 4:00 p.m., 2-520 Moos Tower.

April 3

BioTechnology Institute, Microbial Engineering Defense, Bradley G. Sepp, "Evaluation of Edtpa-Modified Zirconia and Bare Zirconia as Immobilized Metal Affinity Chromatography Supports," 9:00 a.m., 239 Gortner Labs.

April 3

Biotechnology Institute, Suzanne Grindle, Univ. of Minnesota Cancer Center, "Microarray Analysis in the Cancer Center," 3:30 p.m., Room 450 Cancer Center Research Building, Minneapolis Campus.

April 5

COAFES and its Alumni Society, Classes Without Quizzes, 9:00 a.m.-2:00 p.m., Borlaug Hall. For more details and to register, call 4-1745 or <http://alumni.coafes.umn.edu/forum/>

April 7

Applied Plant Sciences (APS), Robert Bergland, H.K. Hayes Lecture, "A Time to Choose," 3:00 p.m., 335 Borlaug Hall.

April 7

Plant Pathology, Carol Windels, "Aphanomyces Root Rot of Sugar Beets: Trials and Tribulations in Disease Management," 3:00 p.m., 365 Borlaug Hall.

## POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

## RODALE INSTITUTE

Weed Scientist/Agronomist, Kutztown, Pennsylvania. Advanced degree in Weed Science/Agronomy, minimum M.Sc. and preferably Ph.D.

## UNIVERSITY OF MINNESOTA

Director of Student Services, College of Biological Sciences, St. Paul, MN. Masters

degree in a major that is relevant to undergraduate student service in biological sciences or related field. Closing date: April 4, 2003 and continue until the position is filled.

**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: April 18, 2003.

Agronomy Gleanings, April 7, 2003

4/7/2003 8:00 AM

Agronomy Gleanings

Department of Agronomy and Plant Genetics, University of Minnesota

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

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

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

April 7, 2003

## ANNOUNCEMENTS

Shape Up Challenge--Week 2 begins on Tuesday, April 8. Double points day will be Wednesday this week.

When using Federal Express, you must use a non-sponsored account to charge it to.  
--Judy

No Parking Notice: Starting Monday, April 7th there will be No Parking around the Crops Research Building for about four weeks. Crops Research will be getting re-roofed during this time period and the contractor needs room to work and move equipment next to the building. This is the area between Crops Research and Crops Service on both sides of the connecting hallway. Any questions, call Mike at 4-5395.

Campus Club, Faculty and Staff Membership--\$6.93 per pay period using payroll deduction. Join Online: [umn.edu/cclub](http://umn.edu/cclub). The completely updated faculty and staff meeting place offers high quality dining, wonderful views, private dining rooms, fully appointed meeting rooms, an informal bar and lounge plus outdoor terrace seating.

## CSREES LISTS OPEN REQUESTS FOR GRANT APPLICATIONS

\*Community Food Projects Competitive Grants Program. Closing date: April 14, 2003. URL: [http://www.reeusda.gov/1700/funding/rfacfp\\_03.htm](http://www.reeusda.gov/1700/funding/rfacfp_03.htm) CSREES contact ELIZABETH TUCKERMANTY (202-205-0241 or [etuckermanty@csrees.usda.gov](mailto:etuckermanty@csrees.usda.gov))

\*Integrated Research, Education, and Extension Competitive Grant. Program-Water Quality. Closing date: April 21, 2003. URL: [http://www.reeusda.gov/1700/funding/rfaintegrated\\_03.htm](http://www.reeusda.gov/1700/funding/rfaintegrated_03.htm). CSREES contact: MIKE O'NEILL (202-205-5952 or [moneill@csrees.usda.gov](mailto:moneill@csrees.usda.gov))

\*Higher Education Multicultural Scholars Programs-Special Experiential Learning Grants. Closing date: September 30, 2003. URL [http://www.reeusda.gov/1700/funding/rfahemsgp\\_selg\\_03.htm](http://www.reeusda.gov/1700/funding/rfahemsgp_selg_03.htm) CSREES contact S. SURESHWARAN (202- 720-1973 or [ssureshwaran@csrees.usda.gov](mailto:ssureshwaran@csrees.usda.gov))

\*Food and Agricultural Sciences National Needs Graduate Fellowships Grants Program

- Special International Study or Thesis/Dissertation Research. Travel Allowances. Closing date: Sept. 30, 2003. [http://www.reeusda.gov/1700/funding/rfellowships\\_03.htm](http://www.reeusda.gov/1700/funding/rfellowships_03.htm). CSREES contact S. SURESHWARAN (202- 720-1973 or [ssureshwaran@csrees.usda.gov](mailto:ssureshwaran@csrees.usda.gov))

Understanding Biotechnology will be translated into Chinese. Pearson Education North Asia LTD has licensed a Chinese Simplified translation of Understanding Biotechnology. It usually takes about 24 months to bring a translation to market. --Aluizio Borem

## SEMINARS

April 8

Plant Biological Sciences, Dr. David Baum, University of Wisconsin/Madison, "The Genetic Basis of Plant Morphological Evolution," 3:30 p.m., 335 Borlaug Hall.

April 9

Applied Plant Sciences (APS), Jason DeBruin, "Analyzing and Managing Risk in Farming Systems," 3:30 p.m., 310 Alderman Hall.

April 9

Biochemistry, Molecular Biology, and Biophysics, Dr. David Markovitz, University of Michigan Medical Center, "Adventures with the Exotic DEK Protein," 4:00 p.m., 2-520 Moos Tower, Minneapolis Campus.

April 10

MISA, WUSA, The Black Student Union, Eco-Watch and The South Side Family School, Hollis Watkins, Co-founder and President of Southern Echo, Inc., will share his thoughts on sustainability, fighting racism, youth leadership and community organizing, 4:30 p.m., 335 Borlaug Hall.

April 10

BioTechnology Institute, Microbial Engineering Defense, Salim P. Charaniya, "Designing Thin, Micro-porous, Bilayer Latex Biocatalytic Coatings Containing Non-growing Gluconobacter Oxydans for Very High Oxidation Rates of D-Sorbitol to L-Sorbose," 3:30 p.m., 239 Gortner Labs.

April 14

Plant Pathology, Sally Stetina, Assistant Professor, SWROC, "University of Minnesota/Southwest State University Agronomy Program: Challenges and Rewards," 3:00 p.m., 365 Borlaug Hall.

April 14

Applied Plant Sciences (APS), Ryan Miller, "Impacts of Pesticide Use on Human Health," 3:30 p.m., 306 Borlaug Hall.

## POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

### EXECUTECH, INC.

Agronomy Fieldman Specialist. Location Statewide, KS, IA, NE, USA. Skills: AGRICULT, AGRONOMY, AGRI-BUS, AGRICHEM. Industries: FEEDS, AGRICULT.

### UNIVERSITY OF MINNESOTA

Director of Student Services, College of Biological Sciences, St. Paul, MN. Masters degree in a major that is relevant to undergraduate student service in biological sciences or related field. Closing date: April 4, 2003 and continue until the position is filled.



Agronomy Gleanings, April 14, 2003

4/14/2003 8:00 AM

Agronomy Gleanings

Department of Agronomy and Plant Genetics, University of Minnesota

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

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

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

April 14, 2003

## ANNOUNCEMENTS

Note: The Gleanings email address has changed to [agro@mail.coafes.umn.edu](mailto:agro@mail.coafes.umn.edu). Please update your address book. Thank you.

Shape Up Challenge--There are 122 participants in this year's Shape Up Challenge. 96 out of 122 earned 200 points or more and were eligible for our first week's drawing.

Congratulations to our first week's winner, Mary Brakke. Mary receives a \$20 gift certificate to Ciatti's Italian Restaurant. High individual for week #1 was Eric Smith with 1080 points. Top five teams as of the end of week #1 are:

4960 pts - C.I.A. Beans

3550 pts - Muehlbauer & His Motley Mob

3525 pts - Phillips/Rines.com

3177 pts - 411 Plus

2875 pts - Two Yankees & a Rebel

Don't forget to turn in your points to your team captain by 10:00 a.m. on Tuesdays.

Double points day for week #3 is Thursday, April 17.

Congratulations to Lee Hardman on winning the 2003 Distinguished Faculty Award! This annual award is given out by COAFES, University of Minnesota Alumni Society.

ART + GENOMICS + ETHICS, presentation and panel discussion, Weisman Art Museum, Tuesday, April 15, 7:00 p.m. Free and open to the public. Weisman Art Museum, 333 E. River Road, Minneapolis, 612-625-9494.

Campus Sustainability Summit, Tuesday, April 23, 8:30 a.m. - 5 p.m., Bell Museum, [www.fw.umn.edu/isees/CSS/css.htm](http://www.fw.umn.edu/isees/CSS/css.htm)

The next Agronomy & Plant Genetics Department Coffee will be on Friday, April 25th, from 9:30 to 10:30 am in 306 Borlaug. Join us for an "Egg Bake"! Also on the menu: sausage, mini-bagels, fruit, coffee and juice. Sponsored by Syngenta and hosted by the Phillips'/Rines' Labs. Please bring your own coffee mug.

## SEMINARS

April 15

Hamm Memorial Lecture, Dr. Gary Felton, Pennsylvania State University, "Mixed Messages in Caterpillar Saliva: Implication for Plant Defenses," 4:00 p.m., 335 Borlaug Hall. Everyone is welcome.

April 16

Applied Plant Sciences (APS), Dindo Tabanao, Thesis Proposal, "Genetic variation in corn breeding populations with different numbers of parents," 3:30 p.m., 310 Alderman Hall.

April 16

Biochemistry, Molecular Biology & Biophysics, "Regulation of the Activity of the Pyruvate Dehydrogenase Complex by Altered Expression of its Kinase and Phosphatase," Dr. Robert Harris, Indiana University School of Medicine, 4:00 p.m., 2-520 Moos Tower, Minneapolis Campus.

April 17

BioTechnology Institute, Anuj Bhartiya, Microbial Engineering, Univ. of Minnesota, "Metabolic Engineering of the Methylophilic Yeast *Pichia Pastoris* for Carotenoid Production," 3:30 p.m., 239 Gortner Labs.

April 21

Plant Pathology, Richard Zeyen, "Active Plant Defenses Against Fungi: A Research Odyssey," 3:00 p.m., 365 Borlaug Hall.

April 21

Applied Plant Sciences (APS), Irina Makarevitch, "Plant Proteomics: Fairyland or Reality?," 3:30 p.m., 306 Borlaug Hall.

#### POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

#### USDA-ARS, ST. PAUL, MINNESOTA

Temporary (2-year) Biological Science Technician to provide technical support for research directed toward genomics, germplasm evaluation, and genetic improvement in oats. Specialized experience or related graduate education required. Closing date: May 5, 2003.

#### UNIVERSITY OF MINNESOTA

Associate to Vice President and Chief of Staff, Office of the President, Minneapolis Campus. Master's degree and minimum of five years' experience in responsible administrative positions. Closing date: May 1, 2003.

Agronomy Gleanings, April 21, 2003

4/21/2003 8:00 AM

## AGRONOMY GLEANINGS

Department of Agronomy and Plant Genetics, University of Minnesota

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

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

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

April 21, 2003

## ANNOUNCEMENTS

Shape Up Challenge. Congratulations to Carroll Vance (Legumaniacs team) our second week winner of a \$20 gift certificate to Cub Foods. High individual, once again, for week #2 was Eric Smith with 1380 points. You ask, "How does Eric earn all those Shape Up Challenge points?" It seems Eric's secret motivator is his dog. Eric walks laps with other dog owners, while his dog runs with canine friends a couple of hours every evening.

Week #2 top five teams with highest team average are:

732 Ave pts - Two Yankees & a Rebel

480 Ave pts - Team Tufo

465 Ave pts - The John Dears

464 Ave pts - Muehlbauer & His Motley Mob

444 Ave pts - 411 Plus

Check out the Shape Up Challenge bulletin board, 3rd floor Hayes, for a closer look at the competition. Thanks again for all who participated in team photos. Double points day for week #4 is Friday, April 25. Keep on exercising and earning those points!

The next Agronomy & Plant Genetics Department Coffee will be on Friday, April 25th, from 9:30 to 10:30 am in 306 Borlaug. Join us for an "Egg Bake"! Also on the menu: sausage, mini-bagels, fruit, coffee and juice. Sponsored by Syngenta and hosted by the Phillips'/Rines' Labs. Please bring your own coffee mug.

74th Annual Minnesota State FFA Convention, Sunday, April 27 through Tuesday, April 29 on the St. Paul Campus. Please greet these visiting students and teachers and help them with directions when they are in your building.

Campus Sustainability Summit, Wednesday, April 23, 8:30 a.m. - 5 p.m., Bell Museum, [www.fw.umn.edu/isees/CSS/css.htm](http://www.fw.umn.edu/isees/CSS/css.htm)

Retirement Luncheon. Given the amount of campus and collegiate activity that already exists in addition to budget constraints, the Deans and Directors of the St. Paul campus have determined that it is best to end the retirement luncheon and honor retirees within our own colleges and departments as we have in the past.

Get Well Wishes. Anne Behrens, wife of Dick Behrens (recently retired) was operated

on for breast cancer (partial radical) April 2. The outcome was very favorable. Anne will undergo radiation treatment for 4-7 weeks.

All University Celebration and Thank You to Faculty and Staff Campaign Minnesota donors. April 22, 2003, 12:00 to 1:00 p.m., lunch, program and tree planting--A Beautiful U Day event! St. Paul Campus, the Mall between Eckles & Cleveland (Rain location - Northstar Ballroom, SPSC). Parade from the Student Center to the Mall with Goldy Gopher starting at 11:45 a.m.

Special Presentation. Dr. Paul Umbeck, a Ph.D. graduate of the department (Dr. Gengenbach was his advisor) about 1980 will be making a special presentation to the post-doc group in the department on Wed., April 30 at 3:00 pm in 306 Borlaug Hall. His topic is "Life Science Career Opportunities and Development," with emphasis on private industry.

The 5th Annual Bollum Symposium, "Structural Dynamics of Membrane Signal Transduction," May 7, 2003, 1:30 to 5:00 p.m., 2-101 BSBE. Hosted by Dept. of Biochemistry, Molecular Biology, and Biophysics. Info: 612-625-6100.

## SEMINARS

April 22

Plant Biological Sciences, Dr. Michelle Graham, Dept. of Plant Biology, Univ. of Minnesota, "Computational Identification of Legume-Specific Genes," 3:30 p.m., 335 Borlaug Hall.

April 22

Great Conversations Series, "Biotechnology and the Environment," Anne R. Kapuscinski and Margaret Mellon, Ted Mann Concert Hall, 7:30 p.m. For further information or to order tickets, call 612-624-2345 or visit [www.cce.umn.edu/conversations](http://www.cce.umn.edu/conversations)

April 23

Applied Plant Sciences (APS), Troy Carson, "DNA Fingerprinting of Creeping Bluegrass Using Inter-simple Sequence Repeats," 3:30 p.m., 310 Alderman Hall.

April 23

Biochemistry, Molecular Biology & Biophysics, "Modulation of Insulin Receptor Substrate-1 Function: A Phosphorylation-Dependent Mechanism," Dr. Michael Greene, Stanford University, 4:00 p.m., 2-520 Moos Tower, Minneapolis Campus.

April 28

Plant Pathology, Consuelo Esteves de Jensen, Research Fellow, "Effect of Edaphic and Biotic Factors on Root Rot of Irrigated Dry Beans," 3:00 p.m., 365 Borlaug Hall.

April 28

Applied Plant Sciences (APS), Elizabeth Vaughan, "Effect of silicon on plant pest resistance," 3:30 p.m., 306 Borlaug Hall.

#### POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

THE NATIONAL ARS RECRUITMENT OFFICE issues a weekly e-mail message through the ARS Jobs List-Serv which highlights new vacancies posted each week. Any one interested can subscribe to receive the weekly e-mail and you manage your own subscription. You can access the sign-up page for ARS Jobs at the following web site: [http://www.ars.usda.gov/careers/list\\_subscribe.html](http://www.ars.usda.gov/careers/list_subscribe.html)

#### IOWA STATE UNIVERSITY

Assistant or Associate Professor, Extension Corn Production Specialist, Department of Agronomy, Ames, IA. Ph.D. in corn production with experience in extension and research on corn production. Closing date: May 30, 2003.

Agronomy Gleanings, April 28, 2003

4/28/2003 8:00 AM

## AGRONOMY GLEANINGS

Department of Agronomy and Plant Genetics, University of Minnesota

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

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

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

April 28, 2003

## ANNOUNCEMENTS

Shape Up Challenge. Tuesday, April 29, is the start of week 5 of the Shape Up Challenge. I've just noticed that we had listed Monday, April 28 as double points day but that doesn't work because we started on a Tuesday so that would give two double points days in one week (Friday and Monday). So, I'm changing double points day for Week 5 to Wednesday, April 30. The winner for week #3 of the Shape Up Challenge drawing is Lorien Radmer (Gary Muelhbauer's project). Lorien will receive a \$20 gift certificate to Ciatti's Italian Restaurant. Doug Miller was the high individual last week with 1200 points. Wow! The overall average for everyone last week was 341 points per person. Week #3 top five teams with highest team average are:

403 Ave pts - Muehlbauer and His Motley Mob

438 Ave pts - Forageurs

557 Ave pts - Two Yankees and a Rebel

373 Ave pts - 411+

354 Ave pts - MISA

Marilyn Swanson has designed a wonderful bulletin board on the third floor of Hayes Hall. Stop by to check out the team photos. I've also posted all the point totals thus far. Remember to turn your point totals in to your team captain by Tuesday each week. Keep on exercising! -- Lynne Medgaarden

Special Presentation. Dr. Paul Umbeck, a Ph.D. graduate of the department (Dr. Gengenbach was his advisor) about 1980 will be making a special presentation to the post-doc group in the department on Wed., April 30 at 3:00 pm in 306 Borlaug Hall. His topic is "Life Science Career Opportunities and Development," with emphasis on private industry.

"Social" Science, Friday, May 2, 4:00 p.m. on the Borlaug patio (rain plan: 306 Borlaug Hall). The APS Grad Student Assoc. and the Agronomy Social Committee invite all APS faculty, staff and students to the 1st departmental Happy Hour. Come socialize with fellow employees over snacks, soft drinks and your favorite brew. Bring some change for suggested donations (so we can do this again). Questions: email Sam Hutton ([hutt0047@umn.edu](mailto:hutt0047@umn.edu)).

Lu Oliveira, a former Ph.D. student of Dr. Rasmusson (barley project), whose complete

name is Aluizio Borem Oliveira, has been elected President of the Brazilian Society of Plant Breeding for 2003/2005.

Project Review Schedule. Department of Agronomy and Plant Genetics faculty, staff and students are invited and encouraged to attend the presentations and discussions of the following revised Experiment Station projects. Current project titles are given. All sessions start at 12 noon in room 306 Borlaug Hall.

- Tuesday, May 13, Gregg Johnson, "Integrated Weed Management Strategies" and Paul Peterson, "Improving Forage Production and Utilization"

- Thursday, May 15, Nick Jordan, "Crop/Weed Ecology of Agricultural Diversification" and Roger Becker, "Weed Management in Disturbed and Undisturbed Systems"

- Friday, May 16 [after department meeting], Ron Phillips, "Molecular Cytogenetics in Plant Improvement"

- Thursday, May 22, Bev Durgan, "Weed Management Strategies for Small-Grain Production Systems" and Robert Jones, "Physiology of Corn Kernel Development"

## SEMINARS

April 29

Plant Biological Sciences, Dr. Candi Galen, Univ. of Missouri, "Sunny side up: the functional ecology of flower heliotropism in an alpine buttercup," 3:30 p.m., 335 Borlaug Hall.

April 30

MISA and WUSA present a field trip to Chocolat Celeste with Mary Leonard, a local Chocolatier who graces this month's cover of the Minnesota Alumni Association's magazine, 12:00 noon at Chocolat Celeste, 2506 West University Ave., St. Paul. If you'd like a ride, please call (5-2738) or email ([wusa@umn.edu](mailto:wusa@umn.edu)) to reserve a spot or you are welcome to join them there.

April 30

Applied Plant Sciences (APS), Ina Timling, "Cheating - when mutualistic relationships go bad," 3:30 p.m., 310 Alderman Hall.

April 30

Biochemistry, Molecular Biology and Biophysics, "Enforcing Late DNA Replication: What Makes the Difference Between an Early-Firing and a Late-Firing Replication Origin?," Dr. Joel Huberman, Roswell Park Cancer Institute, Buffalo, NY, 4:00 p.m., 2-520 Moos Tower, Minneapolis Campus.

May 5

Plant Pathology, Char Hollingsworth, Assistant Professor and Extension Plant Pathologist, "Life, Liberty and the Pursuit of Extension in Greater Minnesota," 3:00 p.m., 365 Borlaug Hall.

May 5

Applied Plant Sciences (APS), Emily Wennerlind, "Genetic vulnerability in clonally propagated crops," 3:30 p.m., 306 Borlaug Hall.

#### POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

None this week.



Agronomy Gleanings, May 5, 2003

5/5/2003 8:00 AM

## AGRONOMY GLEANINGS

Department of Agronomy and Plant Genetics, University of Minnesota

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

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

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

May 5, 2003

## ANNOUNCEMENTS

Shape Up Challenge. The final week of the 2003 Shape Up Challenge starts on Tuesday, May 6th so you have only one more week to earn those points. The winner of the drawing for week #4 was Sue Miller. She will receive a \$20 gift certificate to Cub Foods. Week #4 top five teams with highest team average are:

1053 Ave pts - Two Yankees and a Rebel

729 Ave pts - Forageurs

568 Ave pts - 411+

543 Ave pts - PhillipsRines.com

526 Ave pts - John Dears

High individual for week 4 was Doug Miller with 1850 points. Way to go Doug!

Mark your calendars. We have arranged a special seminar in conjunction with the Shape Up Challenge for Wednesday, May 21 at noon in 306 Borlaug Hall with Dr. Christopher Hafner, L.Ac., "Cultivating A Quiet Mind; The Foundation of Self Health Care Response - Ability." According to Chinese philosophy our continued health and wellbeing is dependant upon our ability to make appropriate responses to change. Change is continuous, and every change can have a positive or negative impact upon our lives depending upon how much we are present to change and how appropriately we respond to it. This is literally our most basic "response ability" in our own self health care. How can we become more present in our lives and more aware of the changes that affect us? How can we better understand change and best formulate appropriate responses to change in order to create more harmonious lives and enjoy better health and wellbeing? The answers to these questions, according to Chinese medicine, begin with the cultivation of a quiet mind and the practice of present-mindfulness. Cultivating a quiet mind and staying in the present moment is, in Chinese medicine, the very foundation of all other self health care practices. Only with a quiet and present mind can you best determine what is the most appropriate response for you to make to the changes affecting your life at any given point in time - the right foods to eat and in what amounts, the right way to exercise, the right balance between activity and rest, and the right path for you to follow in your life. In this brief introduction to cultivating a quiet mind we will explore some of the basic philosophy behind Chinese medicine and how you can apply this very holistic philosophy to your life for optimal health and wellbeing. You will learn a time honored simple technique for quieting your mind and becoming more present and mindful in your life. Christopher Hafner is a national board certified

practitioner of Traditional Chinese Medicine (TCM) and a licensed acupuncturist. He has been in practice for over twenty years and currently maintains a private practice in St. Paul, Minnesota. Christopher also has extensive teaching experience in the fields of Oriental Medicine and Complementary and Alternative Medicine (CAM). He is currently on faculty as an instructor and clinic supervisor at the Minnesota College of Acupuncture and Oriental Medicine (MCAOM) at Northwestern Health Science University (NWSU) in Bloomington, Minnesota, as well as serving on the faculty of the American Academy of Acupuncture and Oriental Medicine (AAAOM) in Roseville, MN. Christopher is also an adjunct faculty member of the Center for Spirituality and Healing at the University of Minnesota where he teaches a graduate level course in Traditional Chinese Medicine.

2003-2004 Gopher Crops and Soils Club Officers:

President, Jessica Donley

Vice President, Paul Werner

Secretary, Erik Nelson

Treasurer, Nate Scwab

Ag Board, Steph Leuer

Historian, Justin Pinter

Crop Kits Chair, Jason Resch

Co-Chair, Lillian Magidow

Advisor, Dr. Vernon Cardwell

The Southern Research and Outreach Center at Waseca has posted their 2003-2004 calendar of events at <http://sroc.coafes.umn.edu>

Verna (Dalluge) and Everett Gerrish came by to visit the department last week. Verna was a secretary in the Agronomy Department and Everett was a graduate student (M.S. 1954 , Ph.D. 1956 with Dr. N.L. Pinnell). Verna said the other women in the office kept telling her she should marry one of those graduate students, so she did. "We remember you all. So many changes, but this building (Hayes Hall) is the same! Thank goodness. We will celebrate our 50th anniversary on June 13, 2003. Imagine!" Verna and Everett live in Grinnell, Iowa.

End of Printed Class Schedules. The printed class schedule for Fall 2003 is the last one. Beginning Spring 2004 all registration information, tuition and fees, Liberal Education requirements courses offered, exam schedules, and forms will be available exclusively on the Web through [www.onestop.umn.edu](http://www.onestop.umn.edu)

Minnesota Food Association. The New Immigrant Agriculture Project is a program of the Minnesota Food Association, a 21-year-old statewide non-profit organization. Educating and training new immigrants in all areas of farming from growing your own food products using sustainable agriculture methods and practices, to farm business management and marketing skills is our aim. But our primary goal is to help new immigrants to become eligible to purchase or lease their own farm. To know more about

the New Immigrant Agriculture Project contact: Alvaro Rivera at 651-766-8895 or [arivera@mnfoodassociation.org](mailto:arivera@mnfoodassociation.org)

Plant Pathology Library Book Sale, May 7-14, 2003. Classics in Mycology, Plant Pathology, Plant Sciences, and General Sciences for sale. All proceeds will go directly into the Plant Pathology Library New Book Budget. Most books are \$3. May 14 is Last Chance Day: all remaining books will be \$1. Checks only please. Want to contribute further to the library? Bring in your used books to the library before May 7 and they will be sold along with the library's books, directly profiting the Plant Pathology Library!

A new Office of Postdoctoral Affairs (OPDA) opened in the Graduate School in December to serve more than 900 postdoctoral fellows and associates on the Twin Cities and Duluth campuses. The office was created to ensure fair employment conditions for the University's postdocs, enhance the quality of their training, offer guidance about campus facilities and services, and provide career development tools to increase their competitiveness in the job market. OPDA collaborates with other University offices and departments on issues related to postdocs and provides workshops on such topics as writing grant proposals and conducting a job search. OPDA is located in 333 Johnston Hall. Contact staff by email at [postdoc@umn.edu](mailto:postdoc@umn.edu) or call Kathryn Johnson at 612-626-4768. More information, including upcoming workshops, can be found at [www.grad.umn.edu/postdoctroal\\_affairs/](http://www.grad.umn.edu/postdoctroal_affairs/)

The North Central Teaching Symposium for faculty and staff, "Building Communities of Teaching and Learning," June 9th and 10th, St. Paul Campus. Web site for program and online registration: <http://www.ardilla.umn.edu/ncts>

## SEMINARS

May 6

Plant Biological Sciences, Dr. Arun Goyal, Dept. of Plant Biology, University of Minnesota/Duluth, "Carbon Concentration Mechanism in Plants and Algae," 3:30 p.m., 335 Borlaug Hall.

May 7

WUSA (What's Up in Sustainable Agriculture), Leslie Bardo, Farm Educator, Gale Woods Farm, "New Agricultural Education Opportunities at a Local Farm Park," 12:00 noon, 306 Borlaug Hall.

May 7

Applied Plant Sciences (APS), Ioana Dinu, "Comparative genetics of disease resistance in Solanaceae," 3:30 p.m., Alderman Hall.

May 8

Special Seminar in conjunction with Agro 8280, Dr. Mark Cooper, Pioneer Hi-Bred International, Inc., "Genomics, Genetics and Plant Breeding: A Private Sector

Perspective," 9:00 a.m., 306 Borlaug Hall.

May 8

BioTechnology Institute, Simon Silver, University of Illinois, Chicago, "Microbes and Arsenic: from Geocycles to Genes and Enzymes," 3:30 p.m., 239 Gortner Labs.

May 12

Plant Molecular Genetics Institute and the Center for Microbial and Plant Genomics, Dr. Daphne Preuss, University of Chicago, "How plants choose their mates: lessons from Arabidopsis," 1:00 p.m., 335 Borlaug Hall.

#### POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

#### IOWA STATE UNIVERSITY

Postdoctoral research associate, Department of Horticulture, Ames, IA. A research program with overall objective of understanding physiological, genetic and molecular basis for low temperature stress tolerance in plants. Available July 1, 2003.

#### SOUTH DAKOTA STATE UNIVERSITY

County Extension Educator, Agronomy, 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: June 2, 2003 or until a suitable applicant is employed.

#### UNIVERSITY OF MINNESOTA

Senior Research Plot Technician, Department of Entomology, St. Paul, MN, and Umore Park, Rosemount, MN. Position available May 19 to September 5, 2003. Closing date: May 15, 2003.

#### UNIVERSITY OF MINNESOTA

Graduate Research Assistant, the Minnesota Center for Survey Research (MCSR), Minneapolis campus. Specializing in telephone and mail surveys for improving public policy in Minnesota. U of M registered graduate student for duration of appointment. Closing date: May 21, 2003, at 4:30 p.m.

Agronomy Gleanings, May 12, 2003

5/12/2003 8:00 AM

## AGRONOMY GLEANINGS

Department of Agronomy and Plant Genetics, University of Minnesota

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

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

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

May 12, 2003

## ANNOUNCEMENTS

Shape Up Challenge. Congratulations to Shape Up Challenge winner for Week #5, Jayanti Suresh. Jayanti receives a \$20 gift certificate to Ciatti's Italian Restaurant. High point individual was Penny Kianian with 1150 points. With only one more week's results to go, Week #5 top five high point average teams are:

450 pts - Muehlbauer and His Motley Mob

450 pts - John Dears

436 pts - Forageurs

421 pts - 411 Plus

421 pts - PhillipsRines.com

Shape Up Challenge Dates to Remember:

- A special seminar by Dr. Christopher Hafner, "Cultivating a Quiet Mind, The Foundation of Self Health Care Response - Ability," Wed., May 21 at 12 noon in 306 BH.

- The Shape Up Challenge Grand Finale, Wed., May 28 at 12 noon in 306 BH. Join team members for the free subway sandwich lunch and leave with your 2003 participant gift, a specially designed hat. The celebration won't end until 1) ten individual grand prize gift certificates from Target are awarded to individuals who earned 200 points minimum for all six weeks, and 2) one of the top five high point average teams wins a Nelson's Cheese lunch.

Open House Reception in appreciation of Kathy Donahue's 22 years of service to the University of Minnesota, and to wish her the very best as she begins a new chapter in her life. You are welcome anytime between 2:30 to 4:30 p.m., Thursday, May 29th, Rm 120 Coffey Hall, St. Paul Campus.

Greenhouse request forms for the year July 1, 2003 to June 30, 2004 are due to Pam & Roger by May 31, 2003. We prefer that you send your requests via the web page: <http://greenhouses.coafes.umn.edu/>. PLEASE FILL OUT THE FORM COMPLETELY. We have forms in our office if you would prefer to come and talk to us. Our office is 1907 Dudley Ave. (MAES/MDA Plant Growth Facility), Rm 102. Contact us: Roger, 4-3631, pager 538-5670, [meiss003@umn.edu](mailto:meiss003@umn.edu) & Pam, 5-3153, [alter002@umn.edu](mailto:alter002@umn.edu)

2003 Research and Outreach Center Summer Field Days:

- June 18, Lamberton
- June 24, Waseca, Agronomy Field Tour
- July 8, Waseca, Crop Management Tour (Potsdam)
- July 10, Crookston
- July 10, Waseca, Crop Management Tour (Rochester)
- July 11, Morris, 7:30 a.m.-12 noon
- July 24 (Tentative), Grand Rapids, Wildrice

The 2003 Ag Professional Field School will be held at the University of Minnesota's Umore Park, located at Rosemount, Minnesota. Session I will be held July 15-16 and Session II, July 17-18. Registration deadline for Session I and Session II is July 8, 2003. For more information: <http://www.extension.umn.edu/fieldschool> Questions can be directed to Kevin Cavanaugh at 625-2778 or Email: [cavan008@umn.edu](mailto:cavan008@umn.edu)

Books for Africa (Minnesota based) is interested in journals that you no longer need. They collect, sort, ship and distribute books to Africa. For more information: <http://www.booksforafrica.org/>

Lot S108 Closing for the Summer. Effective Friday, May 16 at 11 p.m., the State Fairgrounds Parking Lot S108 will close for the summer. Public, car pool, and student commuter contract parking will be available in the following locations:

**PUBLIC PARKING**

- Lot S101
- Lot S104
- Lot S106
- Gortner Avenue Ramp

**STUDENT COMMUTER CONTRACT PARKING** (available on a first-come, first-served basis)

- Lot SC175

**CAR POOL PARKING**

- Lot S101 until 2:00 p.m.

For information on rates and locations: <http://www.parkandtrans.umn.edu/parking.htm>

**SEMINARS**

May 13

Project Reviews, Gregg Johnson, "Integrated Weed Management Strategies," and Paul Peterson, "Improving Forage Production and Utilization," 12-1:30 pm, 306 Borlaug Hall.

May 14

Applied Plant Sciences (APS), Deb Zak, "Horticultural partnership opportunities on the White Earth Reservation," 3:30 p.m., 310 Alderman Hall.

May 14

Biochemistry, Molecular Biology & Biophysics, Dr. Pengbo Zhou, Weill Medical College of Cornell University, "Proteolytic Control of Damaged DNA Recognition in Nucleotide Excision Repair," 4:00 p.m., 2-520 Moos Tower, Minneapolis Campus.

May 15

Project Reviews, Nick Jordan, "Crop/Weed Ecology of Agricultural Diversification," and Roger Becker, "Weed Management in Disturbed and Undisturbed Systems," 12-1:30 pm, 306 Borlaug Hall.

May 16

Project Review, Ron Phillips, "Molecular Cytogenetics in Plant Improvement," 12:15-1:00 pm [after department meeting], 306 Borlaug Hall.

#### POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

#### UNIVERSITY OF NEBRASKA, LINCOLN

Distance Education Specialist, Department of Agronomy and Horticulture. Master's in agronomy, horticulture, or related field plus experience with distance education materials development and teaching, required. Closing date: May 19, 2003 and will remain open till suitable candidate found.

#### SOUTH DAKOTA STATE UNIVERSITY

A 2-year, half-time graduate research assistantship leading to an M.S. in Agronomy/Soil Science with an emphasis on the development of cover crop technology for use in no-till systems. Earned B.S. in agronomy, soil science, biology, or a related field. Closing date: July 31, 2003, or until filled.

Agronomy Gleanings, May 19, 2003

5/19/2003 8:00 AM

## AGRONOMY GLEANINGS

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

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

May 19, 2003

## ANNOUNCEMENTS

Memorial Day Holiday observed May 26, 2003. University offices closed.

Shape Up Challenge special seminar by Dr. Christopher Hafner, "Cultivating a Quiet Mind, The Foundation of Self Health Care Response - Ability," Wednesday, May 21 at 12 noon in 306 BH.

The Shape Up Challenge Grand Finale, Wednesday, May 28 at 12 noon in 306 BH. Join team members for the free subway sandwich lunch and leave with your 2003 participant gift, a specially designed hat. The celebration won't end until 1) ten individual grand prize gift certificates from Target are awarded to individuals who earned 200 points minimum for all six weeks, and 2) one of the top five high point average teams wins a Nelson's Cheese lunch.

Agronomy and Plant Genetics Civil Service Staff meeting will be held on Thursday, May 29, at 9:30 a.m. in 306 Borlaug Hall. The agenda includes a discussion of current and future events to be held during the summer and fall, and two new members are to be nominated to the committee this year. A vote will be taken at the meeting. Also, the meeting is open for any questions/suggestions you may have for the committee. We hope to see everyone in attendance. Refreshments will be served.

5th Annual CSBU Staff Day, Thursday, June 5, The Pit, St. Paul Campus, 11:30 a.m. to 1:00 p.m. Come for the food and stay for the fun! To claim your appreciation gift, present your campus mail coupon/invitation.

Phase I, Plant Growth Facility Ribbon Cutting Ceremony, Friday, May 30, 3:00 p.m., Dudley Avenue, St. Paul Campus. RSVP to Shelly Tschida at [stschida@umn.edu](mailto:stschida@umn.edu) or 612-624-7480 by Wednesday, May 21st. Joint effort between the Minnesota Agricultural Experiment Station and the Minnesota Department of Agriculture.

## SEMINARS

May 22

Project Reviews, Bev Durgan, "Weed Management Strategies for Small-Grain



Production Systems" and Robert Jones, "Physiology of Corn Kernel Development,"  
11:30 a.m. - 1:00 p.m., 306 Borlaug Hall.

**POSITION ANNOUNCEMENTS**

(Posted in notebook in 411 Borlaug Hall)

**UNIVERSITY OF ARKANSAS, FAYETTEVILLE**

Research Specialist in Plant Cell and Molecular Biology, Department of Crop, Soil, and Environmental Sciences. B.S. degree in Biology or related degree. Closing date: June 30, 2003.

Agronomy Gleanings, May 29, 2003

5/29/2003 8:00 AM

## AGRONOMY GLEANINGS

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

May 29, 2003

## ANNOUNCEMENTS

Congratulations to the Shape Up Challenge Grand Finale winners! Target gift certificates were awarded to those participants who made a special effort to earn 200 points or more per week for all six weeks. The winners were: \$50-Judy Slyter; \$50-Alex Vialettes; \$25-Deon Stuthman, \$25-Helene Murray; \$25-Shane Heinen; \$10-Beth Bedell; \$10-Marilyn Swanson; \$10-Keith Henjum; \$10-Ryan Miller; \$10-Kristen Mercer.

Two \$15 gift certificates from Cub Foods were drawn from a total of ten individuals who earned 1000 points or more in one week for their team. Cub Foods certificate winners were Eric Smith and Wade Odland.

Door prize winners were: Judy Slyter, Warren Kruger, Howard Rines, Josh Larson, Kate Plaisance, Vern Cardwell, Rolandas Valaitis, Guillermo Velasquez, Tina Schmidt, Marilyn Swanson.

The top five teams with the highest average points per person for the six weeks were Muehlbauer and His Motley Mob, John Dears, 411 Plus, Forageurs, and Two Yankees and a Rebel. The winner of the Nelson's Cheese & Deli Factory lunch went to Muehlbauer and His Motley Mob.

Congratulations to all the winners!

A special thank you to Lynne Medgaarden, Jeff Roessler, and Marilyn Swanson for their time and effort in coordinating the Shape Up Challenge event sponsored by the Syngenta Development fund.

New address for Cliff & Marie Christenson is 104 Dillon Drive #305, Spartanburg, SC 29307.

Notice to all projects that park project vehicles on the north side of the Crops Service Building. On Friday, May 30th between 2:00 and 5:00 p.m., Dudley Avenue will be temporarily closed off due to the grand opening of the new Plant Growth Facility. Please plan ahead because you will not be able to enter or exit with project vehicles during this time. Any questions, call Mike at 4-5395.

Plant Growth Facility Ribbon Cutting Ceremony, Friday, May 30, 3:00 p.m., 1907 Dudley Avenue, St. Paul Campus. RSVP to Shelly Tschida at [stschida@umn.edu](mailto:stschida@umn.edu) or 612-624-7480.

Farewell Tea for Deb Drange on Friday, May 30th at 2 p.m., 403 Stakman Hall. Please join us in wishing Deb a fond farewell. --The Dept. of Plant Pathology

New pictures posted to Mark's web site: <http://www.tc.umn.edu/~galat001/>. Last photos until we return - then there will be a few more from our last trip to Namibia. Cheers, Mark Galatowitsch

Parking and Transportation Services has moved the entire parking reservations process online. Effective Monday, June 2, all parking reservations will be accepted online at [www.parkandtrans.umn.edu/deptsrvcs.htm](http://www.parkandtrans.umn.edu/deptsrvcs.htm). Faxed parking reservations will no longer be accepted beginning on this date. Once a parking reservation has been made, the person who made the reservation is the only one who can update or make changes to that reservation. All parking reservations must be made at least one business day in advance by noon. If you have any questions, call 612-626-7275.

5th Annual CSBU Staff Day, Thursday, June 5, The Pit, St. Paul Campus, 11:30 a.m. to 1:00 p.m. Come for the food and stay for the fun! To claim your appreciation gift, present your campus mail coupon/invitation.

## SEMINARS

May 30

Special Seminar, Professor Gustavo Goldman, Universidade de Sao Paulo, "Different roles of the Mre11 DNA repair complex in the filamentous fungus *Aspergillus nidulans*," 12 noon, 306 Borlaug Hall. Sponsored by the Center for Microbial and Plant Genomics.

June 3

Summer Brown Bag, Dr. Chris Gerrard, "A Meta-evaluation of the Consultative Group for International Agricultural Research (CGIAR)," 12:00-1:30 p.m., 230 Classroom Office Building, Dept. of Applied Economics.

June 4

Biochemistry, Molecular Biology and Biophysics, Dr. James Bryant Howard, Univ. of Minnesota, "What can be learned about membrane transport, metabolic regulation, protein synthesis, nucleic acid replication, virus packaging, and muscle contraction (to name just a few) from studying NITROGEN FIXATION," 4:00 p.m., 2-137 Jackson Hall, Minneapolis Campus.

## POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

USDA, REE, ARS

Interdisciplinary: Weed Ecologist/Plant Physiologist, Agricultural Systems Research Unit, Sidney, Montana. Ph.D. or equivalent degree or 1 year of specialized experience.

Closing date: June 16, 2003.

**SOUTH DAKOTA STATE UNIVERSITY**

Assistant Professor of Plant Science, Brookings, SD. Earned Ph.D. in agronomy or related crop production sciences with all degree requirements completed prior to appointment. Closing date: July 15, 2003 or until filled.

**UNIVERSITY OF NEBRASKA, LINCOLN**

Research Technologist, Department of Agronomy and Horticulture, Lincoln, NE. Bachelor's in agronomy or related field, plus one year field research experience required. Closing date: May 30, 2003 or until filled.

**KANSAS STATE UNIVERSITY**

Two Graduate Research Assistants, Department of Agronomy, Manhattan, KS. M.S. in soil microbiology, ecology microbiology, or related field. Date available: June 1, 2003.

Agronomy Gleanings, June 9, 2003

6/9/2003 8:00 AM

## AGRONOMY GLEANINGS

Department of Agronomy and Plant Genetics, University of Minnesota

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

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

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

June 9, 2003

## ANNOUNCEMENTS

Congratulations to Carroll Vance on his promotion to Supergrade, which is the highest level that can be achieved by an ARS scientist.

It's a Boy! Congratulations to Lee and Sue Hardman on the birth of their 4th grandchild. Ryan Daniel was born to first-time parents Dan and Heather Hardman on June 2 at 4:45 p.m., weighing 7 lbs 13 oz.

Sandra Milach and Mauro Teixeira sent pictures of their F1s. Aline is 2.9 years old and the twins, Eduardo and Fernando, are two months old. They have been quite busy at home these days. (Pictures in 411 BH.)

"Social" Science, Friday, June 13th, 4:00 pm on the Borlaug Hall patio and amphitheater. All APS faculty, staff and students are invited to the 2nd APS Happy Hour, hosted by the Grad Student Assoc. and the Agronomy Social Committee. A variety of beer will be served, along with hamburgers, hot off the grill. Bring some change for donations. Sponsored in part by Dr. Seth Naeve's soybean project.

U of M Chinese Students & Scholars, their Families, Friends and Professors, are invited to the "Summer in Minnesota" Picnic, Sunday, June 15, 11:00 am-2:00 pm, Como Park. For information or tickets, call the China Center at 612-624-1002.

UPlan Proposed Changes in Benefits. Employee Benefits is sponsoring informational forums on the proposed changes for 2004 in your UPlan health benefits due to the current budget challenges. Plan to attend one of these forums to hear the proposals for modification of health benefits. Each session will provide time for questions and answers. The St. Paul campus forum will be Monday, June 16, 12:15 to 1:15 p.m., St. Paul Student Center. For more information or forum dates/locations on the Minneapolis campus, contact Employee Benefits at 612-624-9090, or visit the Web site at [www.umn.edu/ohr/eb](http://www.umn.edu/ohr/eb).

Call for Applications. The Robert Wood Johnson Health and Society Scholars Program is a two-year fellowship designed to build the nation's capacity for research, leadership and action to address the broad range of factors affecting health. Application deadline:

October 15, 2003. The complete Call for Applications is available on the program's Web site: [www.healthandsocietyscholars.org](http://www.healthandsocietyscholars.org).

Virtual Museum of Minerals and Molecules Web site ([www.soils.umn.edu/virtual\\_museum](http://www.soils.umn.edu/virtual_museum)) recently won a Science/Technical award from Scientific American for best Web site. One of the site's curators is Ed Nater, Dept. of Soil, Water, and Climate.

2003 Field School for agricultural professionals will be held in Rosemount, MN on July 15-16 (Session I) and July 17-18 (Session II). Deadline for registration is July 8. For more details go to [www.extension.umn.edu/fieldschool](http://www.extension.umn.edu/fieldschool).

## SEMINARS

June 11

Project Review, "Physiology of Corn Kernel Development," Robert Jones, 2:00 p.m., 306 Borlaug Hall.

June 17

Address by Joseph Jen, Under Secretary for Research, Education and Economics, USDA, "Science: The Foundation of Agriculture," Lecture Room, The Cargill Building - Microbial & Plant Genomics, 3:30 to 4:30 pm. Reception follows the Under Secretary's address. RSVP Sarah Hustoles, [sch@umn.edu](mailto:sch@umn.edu), 625-6710 by Friday, June 13.

## POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

None this week.

Agronomy Gleanings, June 16, 2003

6/16/2003 8:00 AM

## AGRONOMY GLEANINGS

Department of Agronomy and Plant Genetics, University of Minnesota

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

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

June 16, 2003

## ANNOUNCEMENTS

Ron Phillips helped organize and spoke at, "From the Green Revolution to the Gene Revolution," an international conference held at the University of Bologna, Italy, in late May. Nobel Peace Prize Winner Norman Borlaug, a graduate of our College, also spoke at the meeting.

Steve Morse, Debra Elias Morse, Jim Riddle and Beth Waterhouse were recently named Senior Fellows in the School of Agriculture Endowed Chair in Agricultural Systems at the University of Minnesota.

SW Research and Outreach Center Summer Field Day, Wednesday, June 18, Lamberton, Minn. For more information: <http://swroc.coafes.umn.edu/>

Minnesota Department of Agriculture. Export certification (includes federal and state phytosanitary, processed products and re-export certificates) fees must be adjusted to fully cover program costs, effective July 1, 2003. New fee for Export Certificates for shipment value <\$250 = \$25 and for shipment value >\$250 = \$75. MDA's website: [www.mda.state.mn.us](http://www.mda.state.mn.us)

The University will require all international students, visiting scholars, and their dependents to enroll in the Student Health Benefit Plan, effective fall 2003, unless they are covered by a U.S.-based, employer-sponsored health plan or the Graduate Assistant Insurance Plan provided by the University. For more information, call the Student Health Benefits Office at 612-624-0627 or e-mail [studins@bhs.umn.edu](mailto:studins@bhs.umn.edu)

## SEMINARS

June 17

Address by Joseph Jen, Under Secretary for Research, Education and Economics, USDA, "Science: The Foundation of Agriculture," Lecture Room, The Cargill Building - Microbial & Plant Genomics, 3:30 to 4:30 pm. Reception follows the Under Secretary's address. RSVP Sarah Hustoles, [sch@umn.edu](mailto:sch@umn.edu), 625-6710.

June 20

Brown Bag Seminar, "Use of predictive models to control turfgrass weeds," Roberta Masin, Venezia, Italy, 12:00 noon, 306 Borlaug Hall.

#### POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

#### UNIVERSITY OF NEBRASKA, LINCOLN

Research Technologist I, Department of Agronomy and Horticulture. Bachelors with major in agriculture or related field, plus 1 year plant breeding research experience is required. Closing date: June 20, 2003.

#### SOUTH DAKOTA STATE UNIVERSITY

County Extension Educator - Agronomy, Onida, SD. Earned Bachelor's Degree in Agriculture with a major in an agricultural field including course work and/or experience in agronomy. Closing date: July 11, 2003.



Agronomy Gleanings, June 24, 2003

6/24/2003 8:00 AM

## AGRONOMY GLEANINGS

Department of Agronomy and Plant Genetics, University of Minnesota

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

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

June 23, 2003

## ANNOUNCEMENTS

Independence Day, Friday, July 4th. University offices will be closed.

The Applied Plant Sciences Grad Student Association held elections for new officers for 2003/2004.

Grad Student elected officers:

Nadilia Gomez (President)

Karin Kettenring (Vice-president)

Charlie Rowher (Secretary)

Penny Kianian (Treasurer)

Track representatives and COGS rep:

Martin Arbelbide (Plant Breeding and Genetics Track)

Marjorie Ross (Horticulture Track)

Krishona Martinson (Agroecology Track)

Lois Braun (General Track)

Jen Jacobs (COGS rep)

The new Civil Service Liaison Committee members are: Eric Smith, Casey Kuderer, and Morrison Jacobs. Special thanks to outgoing committee members: Gail Nelson, Ed Schiefelbein, and Adrian Stec.

A Civil Service Ice Cream Social will be held on Thursday, July 31st from 2:30 - 4:00 pm, 306 Borlaug Hall.

USA Scientific and Invitrogen Life Technologies, Combined Product Show, Thursday, June 26, 9:00 am-11:00 am, 342 Gortner. New products. Win prizes. Refreshments.

COAFES Priority Listening Sessions 2003:

- July 8, 3:00-5:30 pm, Northwest Research and Outreach Center, Crookston.
- July 9, 9:00-11:30 am, North Central Research and Outreach Center, Grand Rapids.
- July 15, 1:00-3:30 pm, West Central Research and Outreach Center, Morris.
- July 16, 9:00-11:30 am, Southwest Research and Outreach Center, Lamberton.
- July 17, 9:30 am-Noon, Southern Research and Outreach Center, Waseca.
- July 21, 3:00-5:30 pm, Minnesota Landscape Arboretum, Chanhassen.

- July 24, 3:00-5:30 pm, University of Minnesota, St. Paul campus, Borlaug Hall.
- August 5, 3:00-5:30 pm, Minnesota Rural Summit, Centennial Student Union, Minnesota State University, Mankato. Register on the Web <http://www.coafes.umn.edu/> listen or by calling 612-624-3009.

#### POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

#### SOUTH DAKOTA STATE UNIVERSITY

Research/Extension Associate I, Department of Horticulture, Forestry, Landscape, and Parks, Brookings, SD. Earned Masters Degree in Agronomy, Horticulture, or related Plant Science discipline. Experience or courses in turf management highly preferred.

#### SOUTH DAKOTA STATE UNIVERSITY

Research Associate II, Plant Science Department, Brookings, SD. MS degree in agronomy, genetics, or related discipline with one to three years of experience. Closing date: September 1, 2003.

#### AUBURN UNIVERSITY

Research Fellow, Department of Agronomy and Soils, Auburn, Alabama. Minimum qualifications are a PhD in Plant Genetics, Plant Breeding, or a related discipline. Closing date: July 7, 2003.

#### MONSANTO COMPANY

Agronomist breeder to provide support for soybean QTL discovery efforts. MS with experience or a highly-experienced BS with greenhouse and field experience, agronomy/horticulture/plant pathology background, understanding of plant breeding principles, experience in pollination of crop plants and conducting field trials. Contact: Vergel Concibido at [vergel.c.concibido@monsanto.com](mailto:vergel.c.concibido@monsanto.com)

Agronomy Gleanings, July 14, 2003

7/14/2003 8:00 AM

## AGRONOMY GLEANINGS

Department of Agronomy and Plant Genetics, University of Minnesota

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

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

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

July 14, 2003

## ANNOUNCEMENTS

Mary Spainhour Lambert, age 87, passed away suddenly on Saturday, July 12. Memorial Service at 2 PM Sunday, July 20, St. Anthony Park United Church of Christ, 2129 Commonwealth Avenue, St. Paul. Mary was the wife of the late Jean Lambert, a soybean breeder in the department from 1946-1982. Memorials: U of M Foundation J.W. Lambert Graduate Fellowship Fund.

"Social" Science, Thursday, July 17, 4:00 pm on the Borlaug Hall patio and amphitheater. The APS GSA and the Agronomy Social Committee invite all APS faculty, staff and students to the last departmental happy hour of the summer. Final opportunity to enjoy a variety of beer, soft drinks, chips and grilled burgers while socializing with fellow employees. Bring a little change for donations.

Reminder A Civil Service Ice Cream Social will be held on Thursday, July 31st from 2:30 - 4:00 pm, 306 Borlaug Hall.

### COAFES Priority Listening Sessions 2003:

- July 15, 1:00-3:30 pm, West Central Research and Outreach Center, Morris.
- July 16, 9:00-11:30 am, Southwest Research and Outreach Center, Lamberton.
- July 17, 9:30 am-Noon, Southern Research and Outreach Center, Waseca.
- July 21, 3:00-5:30 pm, Minnesota Landscape Arboretum, Chanhassen.
- July 24, 3:00-5:30 pm, University of Minnesota, St. Paul campus, Borlaug Hall.
- August 5, 3:00-5:30 pm, Minnesota Rural Summit, Centennial Student Union, Minnesota State University, Mankato. Register on the Web <http://www.coafes.umn.edu/> listen or by calling 612-624-3009.

Minnesota Rural Summit 03, "Entrepreneurship: a winning game plan for rural communities," August 3-5, Minnesota State University, Mankato.  
[www.minnesotaruralpartners.org/2003\\_summit](http://www.minnesotaruralpartners.org/2003_summit)

2003 Plant Pathology Graduate Student Symposium, "The Future of Plant Health: A Multidisciplinary Vision," Monday, September 8, 9:00 am - 3:30 pm, The Cargill Building for Microbial and Plant Genomics. Free admission.  
Dr. Ron Phillips, University of Minnesota (Introduction)

Dr. Helen Alexander, University of Kansas (Ecology)  
Dr. David Ragsdale, University of Minnesota (Entomology)  
Dr. William Fry, Cornell University (Epidemiology)  
Dr. Irwin Goldman, University of Wisconsin (Plant Breeding)  
Dr. Molly Jahn, Cornell University (Plant Genomics)  
Dr. Gary Stacey, University of Missouri (Microbial Genomics)

Fall 2003 Course Packet Reminder. Copyright permission requests for Fall 2003 should be submitted to the Copyright Permissions Center as soon as possible. The Copyright Permissions Center will obtain permission for course packets, copyrighted handouts, and many other projects where copyright permission is necessary (i.e., books, journal articles, theses, websites). Reading lists, including full citations, may be dropped off at any Printing Services location or submitted directly to the Copyright Permissions Center via fax (612-626-9810), campus mail (102 Printing Services Bldg), email (willi119@umn.edu) or via the web [www.copyright.umn.edu](http://www.copyright.umn.edu). Please contact Lois Williams at 612-624-8258 or Dale Mossestad at 612-626-9416 for additional information.

Campus Parking Rates. Public parking rates on campus will NOT increase for the 2003-2004 academic year. However, some contract parking rates will nominally increase beginning October 1. For more information, visit the Parking and Transportation Services Web site at <http://www.parkandtrans.umn.edu> or e-mail [parking@umn.edu](mailto:parking@umn.edu).

The Guy Stanton Ford Memorial Lecture, "First Principles," by David McCullough, Wednesday, October 8, 2003, 10:15 a.m., Ted Mann Concert Hall West Bank Campus. Free and Open to the Public. [www.grad.umn.edu/facstaff/ford\\_lectureship/](http://www.grad.umn.edu/facstaff/ford_lectureship/)

POSITION ANNOUNCEMENTS  
(Posted in notebook in 411 Borlaug Hall)

NATIONAL PARK SERVICE  
Weeds job, Upper Midwest. Team liaison for the Great Lakes Network Exotic Plant Management Team to be located in Ashland, Wisconsin. Pay range depending on grade is \$47,000 to \$73,000. The position closes on July 14. Information on the position can be found on USAJOBS at <http://www.usajobs.opm.gov>, the vacancy identification number is CK174779JM.

THE UNIVERSITY OF ILLINOIS  
Postdoctoral Research Associate in Crop Sciences, Urbana, IL. PhD in genetics, physiology, or a related discipline. Strong background in the use of immunochemical procedures. Closing date: August 1, 2003.

Agronomy Gleanings, July 25, 2003

7/25/2003 8:00 AM

## AGRONOMY GLEANINGS

Department of Agronomy and Plant Genetics, University of Minnesota

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

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

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

July 25, 2003

## ANNOUNCEMENTS

Department of Agronomy Annual Corn Feed, Thursday, July 31, 2003, Noon, 306 Borlaug Hall, \$3.00. Hotdogs, cucumbers, tomatoes, and all the corn you can eat. Coffee and lemonade. Please pass the word to all AGRONOMY PERSONNEL.

A Civil Service Ice Cream Social will be held on Thursday, July 31st from 2:30 - 4:00 pm, 306 Borlaug Hall.

Congratulations to Jenipher Bisikwa who received the Hueg-Harrison Fellowship on Tuesday, July 22, 3:30 p.m., Minnesota Commons, St. Paul Student Center. This Fellowship focuses on a strong student mentor relationship while in pursuit of a graduate degree in production and applied agriculture. Roger Becker is her advisor.

COAFES Priority Listening Session:

- August 5, 3:00-5:30 pm, Minnesota Rural Summit, Centennial Student Union, Minnesota State University, Mankato. Register on the Web <http://www.coafes.umn.edu/listen> or by calling 612-624-3009.

## SEMINARS

July 28

Ph.D. Thesis Defense, Jianming Yu, "Changes in Genetic Variance During Advanced Cycle Breeding in Maize," 9:00 a.m., 306 Borlaug Hall.

## POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

### MISSISSIPPI STATE UNIVERSITY

Professor and Head, Department of Plant and Soil Sciences, Starkville, MS. Ph.D. in Agronomy, Horticulture, Soil Science, Weed Science, or a closely allied field. Closing date: October 1, 2003, or until position filled.

### UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN

Assistant Professor of Bioinformatics, Department of Crop Sciences. Ph.D. required and

experience beyond the Ph.D. desirable. Education in bioinformation sciences, computer sciences, genomics, statistics, or related areas. Closing date: September 10, 2003.

Agronomy Gleanings, August 4, 2003

8/4/2003 8:00 AM

## AGRONOMY GLEANINGS

Department of Agronomy and Plant Genetics, University of Minnesota

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

August 4, 2003

## ANNOUNCEMENTS

Farewell Coffee for Paula Olhoft, Friday, August 8, 3:00 p.m., 408 Hayes Hall.

Congratulations to Don and Bev Wyse on the arrival of their fourth grandchild, Lara Corrin. Born: July 28. Weight: 6 lbs 2 oz. Length: 19  $\frac{3}{4}$  inches. Proud parents are Dawn and Todd Pester and older brother, Hayden Allen.

Art Exhibit. Dr. John Goodding and former Agr. Dean Dr. Al Linck are having an exhibit of their recent art work at the St. Paul Campus Student Center starting on Thursday, July 31, and running until August 29.

New Publication! "Building a Sustainable Business: A guide to Developing a Business Plan for Farms and Rural Businesses," Minnesota Institute for Sustainable Agriculture. To order, call (800) 909-6472 or email [misamail@umn.edu](mailto:misamail@umn.edu) (\$14.00 plus \$3.95 shipping and handling.) This publication can be viewed on-line at [www.misa.umn.edu/publications/bizplan.html](http://www.misa.umn.edu/publications/bizplan.html).

"Gardening the Organic Way," sponsored by the U of M Southwest Research and Outreach Center, Lamberton, and the Minnesota State Horticultural Society. A day devoted to the theory and practice of organic gardening, Wednesday, August 20, 9:00 a.m.- 3:15 p.m., Lamberton, Minn. Registration: <http://swroc.coafes.umn.edu/upcoming/2003/garden/flyer.htm>.

2003 Plant Pathology Graduate Student Symposium, "The Future of Plant Health: A Multidisciplinary Vision," September 8, 9:00 a.m.-3:30 p.m., Seminar Room, Cargill Building for Microbial and Plant Genomics. Website: <http://www.plpa.agri.umn.edu/plpagrads/Website/2003symposium.htm>.

The World Food Prize International Symposium, "Defeating Hunger and Famine," October 16-17, 2003, Marriott Hotel, Des Moines, Iowa. Catherine Bertini was chosen as the 2003 World Food Prize Laureate for her leadership in "saving millions from famine and starvation" while serving as Executive Director of the United Nations World Food Programme. To register: [www.worldfoodprize.org](http://www.worldfoodprize.org)

POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

UNIVERSITY OF NEBRASKA, LINCOLN

Research Technologist I, Department of Agronomy and Horticulture. Bachelor's with major in Agriculture, or related biological field plus two years' relevant experience required. M.S. preferred. Review of resumes will begin August 8, 2003.



Agronomy Gleanings, August 18, 2003

8/18/2003 8:00 AM

Agronomy Gleanings

Department of Agronomy and Plant Genetics, University of Minnesota

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

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

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

August 18, 2003

## ANNOUNCEMENTS

Labor Day, Monday, September 1, 2003. University offices closed.

Summer Field Day. The Barnes-Aastad Association, in collaboration with the North Central Soil Conservation Research Laboratory, will hold a Summer Field Day on Thursday, August 21, from 3 to 5 p.m. at the Swan Lake Research Farm, Morris, Minn. Information will be shared on the current research for alternative crops, carbon sequestration and cropping systems. For more information, call 320-589-3411.

Beef/Forage Day at the North Central Research and Outreach Center, 28 August 2003, 10:00 a.m. to 3:00 p.m., events held at Beef/Forage Research Farm, 4 miles south of Grand Rapids; cost is \$10, includes lunch. Call Center for more information (218-327-4490).

2003 Plant Pathology Graduate Student Symposium, "The Future of Plant Health: A Multidisciplinary Vision," September 8, 9:00 a.m.-3:30 p.m., Seminar Room, Cargill Building for Microbial and Plant Genomics. Website: <http://www.plpa.agri.umn.edu/plpagrads/Website/2003symposium.htm>.

Mark your calendars! University Stores 17th Annual Open House, Wednesday, Sept. 17, 10:00 a.m. to 2:00 p.m., Radisson Hotel Metrodome, 615 Washington Avenue SE. Lunch served 11:00 to 1:00 p.m.

Ongoing Event. Discover the fascinating world of insects during Dave Rogers' Big Bugs Exhibition at the Minnesota Landscape Arboretum, through September 28, 2003. Experience life from a bug's-eye view as you explore 13 larger-than-life wood sculptures of insects from a menacing 18-foot praying mantis to a dragonfly with a 17-foot wingspan. The Big Bugs Exhibition will be accompanied by a swarm of special events and educational programs. Cost: \*\*University of Minnesota students receive free admission with their student ID card.\*\* Arboretum admission: \$7 adults. Ages 18 and under free. Members free. Minnesota Landscape Arboretum, Chanhassen. Web site: [www.arboretum.umn.edu](http://www.arboretum.umn.edu)

Course Announcement. Interested in Curriculum Development and Teaching? Join us

as we develop a set of original, student-ready, international case studies related to environmental and agricultural issues in soil, water, and climate resources. Course Objectives: To reinforce and apply the skills of case study development. To demonstrate the ability to locate and apply authentic data in classroom teaching. To gain familiarity with education resources. Registration Information: SOIL 8110 - Colloquium in Soil Science: Developing International Case Studies (Course Number 13987). For more information contact: Deborah Allan (dallan@soils.umn.edu) or Jenni Swenson (jswenson@soils.umn.edu).

#### POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

#### MICHIGAN STATE UNIVERSITY

Assistant Professor in Plant Biology, MSU-DOE Plant Research Laboratory, East Lansing, MI. Postdoctoral research experience Closing date: September 15, 2003.

Agronomy Gleanings, September 5, 2003

9/5/2003 8:00 AM

## AGRONOMY GLEANINGS

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

September 5, 2003

## ANNOUNCEMENTS

Welcome to new graduate students! Joy Borchardt (Sheaffer/Wyse), Candida Cabral (Rines), Barbara Fritz (Wyse), Mario Gaggero (Stuthman), Xiuling Zhang (Anderson).

Attention all Faculty and Staff September 17 is the deadline to correct personal information for 2003-04 Student/Staff Directory. Access the Employee Self-Service (ESS) Web site at: <http://hrss.umn.edu>.

Parking Lot Pig-Out at Bethel Lutheran Church, 670 Wheelock Parkway West, Saturday, September 6th, 11:00 a.m.-3:00 p.m. Pork loin sandwiches, games and prizes, giant slide, pony rides, bake sale, surprises! \$5/person or \$12/family. All are welcome! Wade Odland

Kickoff 2003-04. Our College will celebrate our optimism and hope about the future at Kickoff 2003-04 from 11:30 a.m. to 1 p.m., Tuesday, Sept. 9. A short program will highlight the impact our priorities are having. Most of the time will be available to enjoy the free pizza and pop. The Priority Steering Committee will be there with examples of how we are putting our priorities in action. Many student organizations will have displays to show the great work they do. The session is informal, so feel free to drop in anytime between 11:30 a.m. and 1 p.m. next Tuesday.

Open House, "Enhancing the Value of the Rural Landscape," Southern Research and Outreach Center, Waseca, MN, Thursday, September 11, 4:00 p.m.-8:00 p.m.

Fall Semester Kickoff Party. The APS graduate students (GSA) once again invite APS faculty, staff, and graduate students to attend a Fall semester kickoff party. This year's event will be held at the West Picnic Shelter at Como Park (SW of the zoo and conservatory) starting at 4:30 PM on Tuesday, September 9. It is a potluck event. Main course will be provided, bring a dish to share. We will be asking for a \$2 donation from individuals and \$5 from families of 3 or more. The odds of rain seem slim, so bring fun outdoor activities (soccer, frisbee, volleyball, koob, bug spray, whatever!). Charlie Rohwer, GSA Secretary

Departmental Coffees. September is here, and so is a new year for monthly

departmental coffees! Please sign up with your group or other associates to host a coffee during the 2003-2004 school year. If you didn't host last year, please take the opportunity to sign up now; or sign up if you are interested! These coffees are designed to promote goodwill, comradery, and social rapport within the Department of Agronomy and Plant Genetics. Hosting groups will be given an easy-to-follow sheet on what to do, where to get supplies, and ideas for treats. This is not meant to be a full scale food production; the emphasis is the social coming together. Easy and fun! Please email Sheri at huerd001 or call 5-1251. Sponsored by the Syngenta Development Committee.

The 11th Annual Kuehnast Lecture, Monday, October 13, 2003, 3:30 p.m., North Star Ballroom, St. Paul Student Center. Lecture presented by Dr. Henry Pollack, professor of geophysics, University of Michigan and author of the recent book *Uncertain Science ... Uncertain World*. Lecture title is "Climate Change: A View From Underground."

"Science, Ethics, and the Animal Protection Movement," Prof. Dale Jamieson, PhD, Carleton College. Lunch Series on the Societal Implications of the Life Sciences, Monday, September 22, 2003, 12:15 - 1:15 pm, Mississippi Room, Coffman Union. The event is free and open to the public. Box lunches are provided to those who RSVP before September 15 at 612-625-0055 or [lawvalue@umn.edu](mailto:lawvalue@umn.edu). For more information call 612-625-0055 or visit [www.lifesci.consortium.umn.edu](http://www.lifesci.consortium.umn.edu)

## SEMINARS

September 2

Molecular Biology & Biophysics, Department of Biochemistry, "The Role of the N-terminal Domain of DNA2 in Okazaki Fragment Processing in Eukaryotes," by Dr. Yeon-Soo Seo, Dept. of Biological Sciences, Korea Advanced Institute of Science and Technology, 12:00 PM, 2-520 Moos Tower, Minneapolis Campus.

September 9

Plant Biological Sciences, Program Reception for new students, faculty and staff. Introduction: Dr. Dave Somers, Director of Graduate Studies, 3:30 p.m., 335 Borlaug Hall.

September 10

MISA & WUSA (What's Up in Sustainable Agriculture) present Dr. Si Bennasseur Alaoui, Professor, Department of Agronomy and Plant Breeding, Institute of Agronomy and Veterinary Medicine Hassan II, Rabat, Morocco, "Agriculture in Morocco: Achievements, drawbacks and future perspectives," 12:00-1:00 p.m., 306 Borlaug Hall, St. Paul Campus.

## POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

## UNIVERSITY OF MISSOURI OUTREACH AND EXTENSION

Regional Extension Specialist, Grant City, Missouri. Earned master's degree in agronomy and/or soil science. Closing date: September 26, 2003.

#### KANSAS STATE UNIVERSITY

Graduate Research Assistantship, Department of Agronomy, Manhattan, KS. B.S. or M.S. in agronomy, plant breeding, genetics, or related field. Date available: Fall 2003.

#### USDA, REE, ARS

Biological Science Laboratory Technician (Plants), Plant Science Research Unit, St. Paul, MN. Closing date: September 15, 2003.

#### SYNGENTA SEEDS, INC.

Research Associate, Molecular Marker Laboratory, Stanton, MN. B.S. degree in Genetics, Plant Molecular Biology, or related discipline and relevant work experience (including automated DNA analyzers and liquid handling robotics). M.S. degree may substitute for work experience.

#### SYNGENTA SEEDS, INC.

Research Technician, Molecular Marker Laboratory, Stanton, MN. B.S. degree in Genetics, Plant Molecular Biology, or related discipline and relevant work experience (including automated DNA analyzers and liquid handling robotics).

#### UNIVERSITY OF MISSOURI-COLUMBIA

Two postdoctoral positions are available for an NSF-Plant Genome Research Program funded project on the proteomics of seed development in oilseeds. Ph.D. degree in Biochemistry, Biology, Molecular Biology or Bioinformatics and a strong interest in seed metabolism.

#### UNIVERSITY OF NEBRASKA, LINCOLN

Research Technologist, Department of Agronomy and Horticulture. Bachelor's in agronomy or related field, plus one year field research experience.

#### COLORADO STATE UNIVERSITY

Department of Soil and Crop Sciences, Ft. Collins, CO. Ph.D. degree in Soil Science, Agronomy, Agroecology or closely related discipline. Closing date: September 30, 2003.

Agronomy Gleanings, September 19, 2003

9/19/2003 8:00 AM

## AGRONOMY GLEANINGS

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

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

September 19, 2003

## ANNOUNCEMENTS

Birth Announcement. Grace Abigael Heinen was born August 30 weighing 9 lbs 7 oz, 22 inches. Her proud parents are Shane and Jennifer and her siblings are Emily (11), Matthew (7), Caeleb (5), and Grant (4).

Birth Announcement. Annabelle Marie Jones was born to Sarah (Jameson-Jones) and Mike on September 3 at 7:42 a.m. and weighed 9 lbs 11 oz.

Dear Agronomy Friends, Thank you for the gift of beautiful flowers at Mary Lambert's memorial service. She would be so pleased. Mary was a constant promoter of the University of Minnesota Agronomy Department and of soybeans themselves. Over the years we heard in great detail about the accomplishments of most everyone in the department. You were all family to her. Mary loved the State Fair, and in particular, the horticulture building and the University of Minnesota displays. This year I again saw an entry of "Lambert" variety of soybeans sporting a big blue ribbon. I recalled as conversation with Jean and Mary after Jean's retirement. We asked Jean when a variety of soybeans would be named after him. He smiled and with laughing eyes replied, "I'm in no rush to have a variety named after me. They don't do that until after you've died." We all broke out in hearty laughter. Thank you all for the work you do for the state of Minnesota, our country, and the world. And thank you for your friendship. --Joan, Lew, Robert and Jeanne Lambert

[Please note end of this newsletter for more about Mary Lambert.]

A Big Thank You to Vern Cardwell and the Gopher Crops and Soils Club for constructing two picnic tables for the Borlaug Hall patio. Everyone is welcome to use them.

Construction Notice--Partial Road Closure. Gortner Avenue will be patched/paved, east of the Gortner Avenue Ramp, Monday, September 22, 8:00 AM to 4:00 PM. Single lane traffic will be permitted during the road repairs. Questions/comments: Don Filowich (4-7761).

Driver training is required again to receive the lower deductible. The department is required to send 18 individuals for training this year. The classes are offered the third

Tuesday of every month. Training of all 18 must be completed by June, 2004. Contact Mike McClellan (4-5395) for details.

Saint Paul Week. The Campus Club is pleased to extend a special invitation to University faculty and staff based at the St. Paul Campus. Come enjoy the wonderful views of the Mall, the Mississippi River and downtown Minneapolis. Taste the best food within miles. Meet and greet friends and colleagues in the completely updated Campus Club on the 4th floor of Coffman Memorial Union. For details: [www.umn.edu/cclub](http://www.umn.edu/cclub)

The first Departmental Coffee for 2003-2004 is scheduled for October 22 at 9:30 a.m. in 306 Borlaug Hall. Sponsored by Syngenta and the Agronomy Administrative Staff. Plan to celebrate Halloween early!

Retirement Reception for Dick Levins, Thursday, October 2, 3:30 - 5:30 PM, Minnesota Commons Room, St. Paul Student Center. After fifteen years with the Dept of Applied Economics, Dick has joined the ranks of the retired. Come help us celebrate his years of service. Brief formal presentation of the requisite maroon U of M blazer at 4:00 PM.

American Society of Agronomy, Study Abroad Scholarship, Cross-Cultural Experience Program for 2004. Undergraduate student majoring in soils, crops, and agronomy or closely related sciences. Closing date: November 7, 2003. Details posted on bulletin board outside 411 Borlaug Hall.

## SEMINARS

Sept 22

Applied Plant Sciences (APS), Grace Pietsch, Horticultural Science, "Developing Cold Tolerant *Gaura lindheimeri*" (thesis proposal), 3:30 PM, 306 Borlaug Hall.

Sept 23

Food, Science, and Nutrition, Rui Hai Lui, Cornell University, "Phytochemicals in Whole Grains: Species, Variety, Processing, and Health Benefits," 3:00 PM, 15 FScN, St. Paul campus.

Sept 23

Plant Biological Sciences, Dr. Anke Reinders, Research Associate, U of M, "Finding Function: Analysis of the Major Facilitator Superfamily in Arabidopsis," 3:30 PM, 335 Borlaug Hall.

Sept 24

MISA & WUSA, A Field Trip to Izzy's Ice Cream Cafe, Jeff Sommers, "The Local Aspects of an Ice Cream Cafe; Meet outside in front of Borlaug Hall to car pool at 11:50 AM. To reserve a spot or volunteer to drive, RSVP at 612-625-2738.

Sept 24

Plant Molecular Genetics Institute & The Center for Microbial & Plant Genomics, Dr. Sixin Liu, Dept of Agronomy and Plant Genetics, "Toward map-based cloning of a disease resistance QLT in wheat," 12:00 noon, 105 Cargill Bldg, St. Paul Campus.

Sept 24

Biochemistry, Molecular Biology and Biophysics, Dr. Patrick Schlievert, Dept of Microbiology, U of M, "Regulation of Virulence of Category A and B Agents of Bioterrorism by Two-Component Regulatory Systems, 4:00 PM, 3-120 MCB, Minneapolis.

Sept 25

Minnesota Biotechnology (MNBIO), "Biotechnology and Energy: The Shift from Fossil Fuels to Plant Matter," 8:00 -10:30 AM, Le Meriden Hotel, Minneapolis. For more information: [http://www.minnesotabiotech.org/ir/mn/news/mnbio\\_showcase.htm](http://www.minnesotabiotech.org/ir/mn/news/mnbio_showcase.htm)

#### POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

#### COLORADO STATE UNIVERSITY

Assistant/Associate Professor specializing in dryland soil and crop management in the Dept of Soil and Crop Sciences, Fort Collins, CO. Ph.D. degree in Soil Science, Agronomy, Agroecology, or closely related discipline. Closing date: Sept 30, 2003.

#### UNIVERSITY OF KENTUCKY

Forage Extension Specialist, Department of Agronomy, Lexington, Kentucky. Ph.D. in Crop Science, Agronomy, Plant Science, or closely related academic area. Closing date: November 15, 2003.

#### UNIVERSITY OF KENTUCKY

Assistant or Associate Professor, Soil Physics, Department of Agronomy, Lexington, KY. Ph.D. in soil science or related discipline with emphasis on Soil Physics/Soil Hydrology. Closing date: October 15, 2003.

#### UNIVERSITY OF KENTUCKY

Three new faculty positions in Plant Bioengineering at the assistant, associate, or full professor level (Biomedical Plant Genomics, Plant Regulatory Biology, Crop Genomics). Ph.D. or equivalent advanced education in a relevant plant, biological, or biomedical science. Closing date: October 1, 2003.

#### UNIVERSITY OF KENTUCKY

Research Specialist, Plant Bioengineering, Department of Agronomy, Lexington, KY. M.S. degree in plant science or closely related area with minimum of 3 years of laboratory experience, or B.S. in same field with 5 years of laboratory experience. Closing date: October 15, 2003.



#### UNIVERSITY OF KENTUCKY

Research Specialist in Vegetation Management, Department of Agronomy, Lexington, KY. M.S. degree in Weed Science or closely related discipline. Closing date: October 20, 2003.

#### TIGR INSTITUTE FOR GENOMIC RESEARCH

Two faculty positions in Plant Genomics, Rockville, Maryland. Ph.D. and at least two years postdoctoral experience in plant genomics as well as an interest in high throughput and community-oriented technologies such as sequencing and/or functional genomics.

#### WALT DISNEY WORLD

EPCOT Land Greenhouse, college student or recent graduate (within 6 months of bachelor's degree) with applicable background and/or major in agriculture, food crops, biology, horticulture, botany, biotechnology, biological engineering, entomology, aquaculture, plant science, or related field. See: [www.wdwcollegeprogram.com](http://www.wdwcollegeprogram.com)

#### SOUTH DAKOTA STATE UNIVERSITY

Research Assistant/Assistant Manager, Seed Testing Laboratory, Brookings, SD. Earned BS degree in Agronomy/Botany or related area. Closing date: September 30, 2003.

Following is a poem written by Jeanne Lambert in remembrance of her grandmother, Mary Lambert.

#### ODE TO GRANDMA LAMBERT

My Grandma was a pistol,  
Ready to explode.  
A ray of sunshine,  
That broke the mold.

She had her quirks,  
Like all of us do.  
But hers made me smile,  
All my life through.

She rode bareback on horses,  
As a child.  
And carried a knife,  
To fend off the wild.

As a young single woman,  
She moved to Florida to teach.  
It was against the norm,  
Those around her would preach.

She told me of how she traveled the world,  
At my grandfathers side.  
Stories of Chile, Sweden, Denmark and Norway,  
I felt along for the ride.

With her adventuresome spirit,  
The world she wanted to see.  
I know that spirit,  
Was passed down to me.

She taught us how to hunt squirrels,  
And go fishing on the lake.  
Her love of nature,  
She never had to fake.

The birds of the neighborhood said,  
She'll be sorely missed.  
While the squirrels had her,  
on their most wanted list.

She was an operatic singer,  
And wasn't ashamed,  
To belt out the National Anthem,  
At every sporting game.

With a beautiful voice,  
Louder than the one on the field,  
She sang those notes,  
And refused to yield.

She wasn't hard to find,  
When I was lost in a crowd.  
She'd yell out a YOO-HOO!  
So loud and so proud.

She hated when people would,  
Complain all the time.  
She was a tough cookie,  
Who took her pain like a mime.

She had a love of soybeans,  
She carried with her through life.  
Passed on from my grandfather,  
To his beautiful wife.

From dawn 'til dusk,  
In the garden she would be.  
Caring for her lovely flowers,  
And toiling endlessly.

She was a lonely person,  
After Grandpa Jean died.  
But her vibrant spirit,  
Could not be denied.

With a professor/gardener,  
She found a companion in Ben.  
I believe it was the best thing,  
That could have happened for both of them.

At times,  
It was funny to see.  
Because Grandma had a boyfriend,  
Which was more than I could say for me!

She was the family glue,  
With that amazing memory.  
She'd tell us stories about moonshiners,  
Lawyers, and other kin to you and me.

She was always so proud,  
of her family and friends.  
And she'd let everyone know,  
Of the means to the ends.

And now that she's gone,  
I'm sure we'll all remember.  
How she loved each of us,  
So tough and so tender.

It's scary to think,  
that she now sees all that I do.  
I hear her saying, "Now Jeanne" in my head,  
So loud with lectures so true.

Dear Grandma,  
I'll miss you more than you'll know.  
Your life was a five star,  
Broadway show.

In Memory of Mary S. Lambert:

INTO THE SUNSET (author unknown)

Let me die working!

Still tackling plans unfinished, tasks undone.

Clean to its end, swift may my race be run.

No laggard steps; no faltering; no shrinking!

Let me die working!

Let me die thinking!

Let me fare forth still with an open mind,

Fresh secrets to unfold, new truth to find;

My soul undimmed, alert, no question blinking,

Let me die thinking!

Let me die laughing!

No sighing o'er past sins; they are forgiven, Spilled on this earth are all the joys of heaven.

Let me die laughing!

Let me die giving!

The substance of life for life's enriching;

Time, things, and self on heaven converging,

No selfish thought, loving, redeeming, living.

Let me die giving!

Let me die singing!

Agronomy Gleanings, September 29, 2003

9/29/2003 8:00 AM

## AGRONOMY GLEANINGS

Department of Agronomy and Plant Genetics, University of Minnesota

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

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

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

September 29, 2003

## ANNOUNCEMENTS

Fall Department Wine and Cheese Social, Friday, October 17, 2:30 - 4:30 PM, The Atrium in the Cargill Building. Come and enjoy delicious treats and meet staff, students, and faculty new to the department since last fall.

2003 Community Fund Drive. When you turn in your pledge card, either on-line or by mail, don't forget to enter the Department weekly drawing (sign up in 411 Borlaug Hall). The Community Fund Drive runs October 1 through October 31. Pledge card packets were distributed in mail boxes.

Message from Mohamed Oussible. Dear Friends, I would like to inform you that my dad (Abdellah) passed away on August 11 at the age of 98. He was sick for only 3 days.

Preparing Future Faculty, Center for Teaching and Learning Services. For course details: <http://www1.umn.edu/ohr/pff>

National Science Foundation (NSF), will award approx. 900 new Graduate Research Fellowships. Application Deadline for Life Sciences is November 4, 2003. For more information: <http://www.orau.org/nsf/nsffel.htm>

Pumpkin and Corn Sale by the Gopher Crops and Soils Club. Place your order in 411 Borlaug Hall. Will harvest this week.

Pumpkins:

6 inch, \$1.00

7-9 inches, \$2.00

9-12 inches, \$3.00

12-15 inches, \$4.00

>15 inches, \$5.00

Miniature pumpkins, \$0.50 or 3/\$1.00

Indian Corn, 3/\$1.00

The Campus Club. This week, September 29-October 3, is St. Paul week and you are invited to be a Member for a Day ... any and every day ... all week. Come for hot breakfast. Try The Servery for lunch. Register for the Wine Tasting. Come with friends

to the Seafood Extravaganza Buffet on Thursday. Drop by The Bar after work. See why people love the "new" Campus Club. You can also enjoy the wonderful views of the Mall, the Mississippi River and downtown Minneapolis. Taste the best food within miles. Meet and greet friends and colleagues in the completely updated Campus Club on the 4th floor of Coffman Memorial Union. More details are available at the web site: <http://www1.umn.edu/cclub/SaintPaulWeek2003.htm>

## SEMINARS

September 29

Applied Plant Sciences (APS), No Seminar. Audio-visual equipment training for APS graduate students, 3:30 p.m., 306 Borlaug Hall.

September 30

Plant Biological Sciences, ?A virtual tour of library resources on the Saint Paul Campus,? Kathy Allen, Librarian, McGrath Library, 3:30 p.m., 335 Borlaug Hall.

October 1

MISA & WUSA, Nancy Dunlavy & Jack Heckelman of Earth Charter, ?The Earth Charter Community Summit: Integrating the Global and Local,? 12:00 noon, 306 Borlaug Hall.

October 1

Biochemistry, Molecular Biology & Biophysics, ?Oxidative Signaling in Homocysteine-Related Redox Homeostasis,? Dr. Ruma Banerjee, Dept. of Biochemistry, Univ. of Nebraska, Lincoln, 4:00 p.m., 3-120 MCB, Minneapolis Campus.

October 2

Special Seminar, Thesis Proposal, Angela Hendrickson, PBS Graduate Student, ? Analysis of the tryptophan-dependent indole-3-acetic acid pathway: Identification, purification, and characterization of the intermediates and enzymes in maize endosperm,? 10:00 AM, 310 Alderman Hall.

October 6

The National Academy of Sciences Lecturer Series, Sponsored by the Center for Microbial and Plant Genomics, presents Christopher Walsh, Hamilton Kuhn Professor of Biological Chemistry and Molecular Pharmacology, Harvard Medical School, "Antibiotic Maturation by Action of Tailoring Glycosyltransferases," 1:30 pm, Seminar Room 105, Cargill Building for Microbial and Plant Genomics, 1500 Gortner Avenue, St. Paul.

October 13

Center for Microbial and Plant Genomics, "A Knockout for Every Gene and a Chip for Every Purpose in *Arabidopsis thaliana*," Michael Sussman, Department of Biochemistry, University of Wisconsin, Director, Biotechnology Center, 10:30 am, Seminar Room 105, Cargill Building for Microbial and Plant Genomics.

## POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

### USDA-ARS

Biological Science Laboratory Technician (Plants). Temporary (2-year), full-time position at the USDA-ARS Plant Science Research Unit, St. Paul, MN. Duties will involve conducting molecular and biochemical research on cell wall structure of herbaceous forages to be used as biofuel feedstocks. Closing date: October 14, 2003. For more information, refer to Job Posting Book in 411 BH or go to [www.ars.usda.gov](http://www.ars.usda.gov) (announcement # ARS-D3W-3442).

### PURDUE UNIVERSITY

Assistant Professor, Soil Geomorphologist/Pedologist, Department of Agronomy, West Lafayette, IN. Ph.D. degree in Agronomy, Soil & Water Science, Geosciences or related fields with emphasis on pedology and geomorphology. Closing date: November 15, 2003.

### PURDUE UNIVERSITY

Assistant/Associate/Full Professor and Director of the Laboratory for Applications of Remote Sensing, Department of Agronomy, West Lafayette, IN. Ph.D. degree in Agronomy, Soil & Water Science, Civil Engineering, Agricultural Engineering, Geosciences or related fields with an emphasis in Earth Observation is required. Closing date: November 15, 2003.

### UNIVERSITY OF LOUISIANA, MONROE

Assistant/Associate Professor, Agronomy-Plant Science/Row Crop Manager, Department of Agriculture. Ph.D. in Agronomy/Plant Science or closely related field. Closing date: October 15, 2003.

Agronomy Gleanings, October 6, 2003

10/6/2003 8:00 AM

## AGRONOMY GLEANINGS

Department of Agronomy and Plant Genetics, University of Minnesota

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

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

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

October 6, 2003

## ANNOUNCEMENTS

Farewell Tea for Laszlo Gyenis and Silvia Penuela, Friday, October 10, 10 a.m., 491 Borlaug Hall. Please stop by to hear about their future plans and to bid them a fond farewell! --Plant Pathology & Agronomy Depts.

Congratulations to Cris Handel and Paulo Canci! Laura was born September 22, weighing 5.8 pounds, 19 inches. Parents and baby are doing great!

2003 Community Fund Drive. When you turn in your pledge card, either on-line or by mail, don't forget to enter the Department weekly drawing for gift certificates to the Food Science and Nutrition Cheese Store (sign up in 411 Borlaug Hall). The Community Fund Drive runs October 1 through October 31. Pledge card packets were distributed in mail boxes.

National Work and Family Month, October 2003. For a variety of programs and events visit: [www.umn.edu/ohr/worklife/](http://www.umn.edu/ohr/worklife/)

New Online Safety Training Now Available. In an effort to meet an increasing demand for safety training that is flexible and readily available for the University community, DEHS now has three online tutorials available: "Introduction to Research Safety," "Chemical Safety," and "Radiation Safety Orientation." To view the tutorials, visit the DEHS Web site at: <http://www.dehs.umn.edu/training/new/>

Pumpkin and Corn Sale by the Gopher Crops and Soils Club. Place your order in 411 Borlaug Hall. Pumpkins:

6 inch, \$1.00

7-9 inches, \$2.00

9-12 inches, \$3.00

12-15 inches, \$4.00

>15 inches, \$5.00

Miniature pumpkins, \$0.50 or 3/\$1.00

Indian Corn, 3/\$1.00

Fall Department Wine and Cheese Social, Friday, October 17, 2:30 - 4:30 PM, The



Atrium in the Cargill Building. Come and enjoy delicious treats and meet staff, students, and faculty new to the department since last fall.

The first Departmental Coffee for 2003-2004 is scheduled for Wednesday, October 22 at 9:30 a.m. in 306 Borlaug Hall. Sponsored by Syngenta and the Agronomy Administrative Staff. Plan to celebrate Halloween early!

BioCycle Conference, "Renewable Energy from Organics Recycling," November 17-19, 2003, at the Millennium Hotel in Minneapolis. Among the topics to be discussed are: From Public Incentives to Operational Projects; Agricultural Residuals as Energy Feedstock; Biomass Opportunities for Energy Conversion; and Accelerating Renewable Energy Growth. For more information visit <http://www.biocycle.net>

## SEMINARS

October 7

Plant Biological Sciences, "Phylogenetic overdispersion in the assembly of Floridian oak communities," Dr. Jeannine Cavender-Bares, Ecology, Evolution and Behavior, Univ of Minnesota, 3:30 p.m., 335 Borlaug Hall.

October 8

MISA & WUSA, Derek Folden, MS Graduate Student in Geography, "Community Supported Agriculture From an Intern's Perspective," 12:00 noon, 306 Borlaug Hall.

October 8

The Guy Stanton Ford Memorial Lecture, "First Principles," David McCullough, 10:15 a.m., Ted Mann Concert Hall, West Bank Campus. Free and Open to the Public.

October 8

Plant Molecular Genetics Institute and The Center for Microbial and Plant Genomics, "Genomic and proteomic gene expression profiling on CHO< mouse myeloma cells, and Streptomyces," Prof. Wei-Shou Hu and Group Members, Dept. of Chemical Engineering & Materials Science, Univ. of Minnesota, 12:00 p.m., 239 Gortner Lab.

October 8

Biochemistry, Molecular Biology & Biophysics, Dr. Andrew Mesecar, University of Illinois, Chicago, "Dynamic Motions of Enzymes Revealed by Static and Time-Resolved X-ray Structures," 4:00 p.m., 3-120 MCB, Minneapolis Campus.

October 10

The Humphrey Institute's Freeman Center on International Economic Policy, Nobel Peace Prize laureate Norman Borlaug, "From the Green Revolution to the Gene Revolution: Our 21st Century Challenge?," 3:00 p.m., Cowles Auditorium, Humphrey Center, 301-19th Avenue South, Minneapolis, West Bank Campus.

October 13

11th Annual Kuehnast Lecture, "Climate Change: A View from Underground," Dr. Henry Pollack, University of Michigan, 3:30 to 5:00 p.m., North Star Ballroom, St. Paul Campus Student Center.

October 13

Applied Plant Sciences (APS), Lois Braun, Horticultural Science, "Determining Nitrogen Requirements for Hybrid Hazelnuts" (thesis proposal), 3:30 p.m., 306 Borlaug Hall.

#### POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

#### USDA/ARS

Postdoctoral Research Associate, Plant Molecular Biologist/Biochemist, Produce Quality and Safety Laboratory, Beltsville Agricultural Research Center, Beltsville, MD. Ph.D. in Plant Molecular Biology, Plant Biochemistry, Plant Physiology, or a related field.

#### KANSAS STATE UNIVERSITY

Two Graduate Research Assistants, Soil and Environmental Chemistry, Department of Agronomy, Manhattan, KS. B.S. or M.S. degree in Soil Science, Agronomy, or closely related discipline. Applications accepted until position filled.

#### KANSAS STATE UNIVERSITY

Graduate Research Assistant, Soil Science, Department of Agronomy, Manhattan, KS. B.S. or M.S. degree (M.S. preferred) in Soil Science, Agronomy, Chemistry, Ecology, Biology, or closely related discipline.

#### THE UNIVERSITY OF ARIZONA

Assistant/Associate/Full Professor, Plant Genetics/Cytogenetics, Dept. of Plant Sciences, Tucson, AZ. Ph.D. in plant genetics or a related field and documented experience in cytogenetics/molecular genetics. Closing date: November 17, 2003.

Agronomy Gleanings, October 13, 2003

10/13/2003 8:00 AM

## AGRONOMY GLEANINGS

Department of Agronomy and Plant Genetics, University of Minnesota

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

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

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

October 13, 2003

## ANNOUNCEMENTS

Training for Global Understanding is a series of workshops sponsored by the Office of International Programs designed to help faculty and staff better understand the University's international community and learn specific strategies for crossing cultural barriers. Workshops begin October 21. For further information regarding the workshops contact Hanae Tsukada at [issstaf@umn.edu](mailto:issstaf@umn.edu).

2003 Community Fund Drive. When you turn in your pledge card, either on-line or by mail, don't forget to enter the Department weekly drawing for gift certificates to the Food Science and Nutrition Cheese Store (sign up in 411 Borlaug Hall). Winners last week were Roger Caspers and Nancy Ehlke. The Community Fund Drive runs October 1 through October 31. Pledge card packets were distributed in mail boxes.

Gopher Health Walk & Wellness Fair. The Gopher Health Walk & Wellness Fair will be held on Tuesday, October 21, at the McNamara Alumni Center. The Wellness Fair will be held 11:30-1:30. Fair presenters include U resources, community services, Uplan health plans, and many more. The 2-mile Health Walk will also begin at McNamara Alumni Center. Walk anytime between 11:30 am and 1:30 pm. For more details: [www.umn.edu/ohr/eb](http://www.umn.edu/ohr/eb).

National Work and Family Month, October 2003. For programs and events visit: [www.umn.edu/ohr/worklife/](http://www.umn.edu/ohr/worklife/)

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Pumpkin and Corn Sale by the Gopher Crops and Soils Club. The sale will be held 3:30-5:30, Monday-Friday, next to the kiosk on Gortner Ave.

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7-9 inches, \$2.00

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>15 inches, \$5.00  
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## SEMINARS

October 14

Plant Biological Sciences, "Six months in Xinjiang, China," Dr. Clifford Wetmore, Professor and Curator, Dept. of Plant Biology, Univ of Minnesota, 3:30 p.m., 335 Borlaug Hall.

October 15

WUSA & MISA present Steve and Debra Elias Morse, joint appointees to the Endowed Chair in Agricultural Systems, Green Lands, Blue Waters. Wednesday, 12:00 noon, 306 Borlaug Hall.

October 15

Molecular Biology and Biophysics Seminar, "The Role of MTP in Lipoprotein Assembly," Dr. Mahmood Hussain, Dept. Of Anatomy and Cell Biology, and Pediatrics, SUNY Downstate Medical Center, 4:00 p.m., 3-120 MCB, Minneapolis.

October 20

Applied Plant Sciences (APS), No seminar. APS written preliminary exam discussion, 3:30 p.m., 306 Borlaug Hall.

October 22

Plant Molecular Genetics Institute and The Center for Microbial and Plant Genomics Discussion Series, "Secret Agent reveals one Gigantea secret: cytoplasmic sugar modifications affect development," Dr. Lynn Hartweck, Dept. of Plant Biology, 12:00 pm, 105 Cargill Building.

## POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

### UNIVERSITY OF MISSOURI

Regional Extension Specialist, Agronomy, Crop Management, Outreach & Extension, Steelville, MO. M.S. degree in Agronomy and/or Soil Science. Applications accepted until November 3, 2003.

### UNIVERSITY OF MISSOURI

Regional Extension Specialist, Agronomy, Forage Production Systems, Outreach & Extension, Versailles, MO. M.S. degree in Agronomy and/or Soil Science. Applications accepted until November 3, 2003.

### UNIVERSITY OF WISCONSIN

Horticulture Educator, Kenosha County, Cooperative Extension Southeast District, Bristol WI. M.S. degree, Horticulture, or field with content expertise that relates to the responsibilities of this position. Review of applications will begin October 29, 2003.

### PURDUE UNIVERSITY

Assistant Professor of Agronomy, Turfgrass Science, Department of Agronomy, West Lafayette, IN. Ph.D. degree in Agronomy, Horticulture, Plant Biology, or related field. Screening of applicants will begin February 1, 2004.

### PURDUE UNIVERSITY

Assistant/Association Professor, Soybean Extension Specialist, Department of Agronomy, West Lafayette, IN. Ph.D. degree in Crop Science or related agronomic science. Screening of applicants will begin January 12, 2004.

### PURDUE UNIVERSITY

Assistant/Association Professor, Soil Fertility/Crop Nutrient Management Specialist, Department of Agronomy, West Lafayette, IN. Ph.D. degree in Soil Fertility, Soil Chemistry, Plant Nutrition, Plant Physiology, Soil Biology, or related field. Screening of applicants will begin February 1, 2004.

### NORTH DAKOTA STATE UNIVERSITY

Research Specialist, Carrington Research Extension Center, Carrington, ND. M.S. degree in Animal Science. Screening date November 12, 2003.

Agronomy Gleanings, October 27, 2003

10/27/2003 8:00 AM

## AGRONOMY GLEANINGS

Department of Agronomy and Plant Genetics, University of Minnesota

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

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

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

October 27, 2003

## ANNOUNCEMENTS

Birth Announcement. Congratulations to Dindo and Alpha Tabanao on the birth of their son, Joshua. He was born on October 19 at Abbott Northwestern Hospital. His weight was 8 lbs.

A Departmental Coffee is scheduled for Wednesday, November 12 at 9:30 a.m. in 306 Borlaug Hall. Sponsored by Syngenta and the Corn Breeding and Genetics Group.

The 2003 Community Fund Drive. Remember, the campaign closes October 31, and Minnesota Counts on U! If you have not yet donated or pledged, it is easy to do so. You may pledge online this year, at <http://www.umn.edu/cfd>. Or use the pledge forms you received at the beginning of October and return through Campus Mail. Thanks to all who have responded with your donations or pledges thus far.

The Department Community Fund Drive drawing winners:

Week 2, Jim Anderson and Deon Stuthman

Week 3, Burle Gengenbach and Jianming Yu

Employee Benefits Open Enrollment application deadline is November 15. You do not need to complete an application if you are not making changes to your benefits. Please note if you have DeltaCare, you will need to choose a new dental plan and complete an Application for Coverage for 2004. For more information, see: <http://www.umn.edu/ohr/eb/uplan/openenroll.htm>

15th Annual Employee Health and Benefits Fair, 10 a.m. to 3 p.m., Tuesday, October 28, North Star Ballroom, St. Paul Student Center.

Flu Shot Schedule. The Uplan Wellness Program is sponsoring flu shots at no cost to faculty and staff who are members of the Uplan medical options: HealthPartners Classic, Patient Choice, PreferredOne, or Definity Health. Two locations in St. Paul will be offered sometime after November 18. For up-to-date information check <http://www.bhs.umn.edu>.

ASA, CSSA, SSSA. Applications are currently being accepted for the 2005

Congressional Science Fellowship Program. Deadline is March 1, 2004 or until position is filled. Information on the Fellowship is available at <http://www.agronomy.org>. Click on the Congressional Science Fellowship icon.

The month of October is designated as National Disability Awareness Month. Also, Vision 2020: The Right to Sight, a global partnership of United Nations Agencies, governments, eye care organizations, health professionals, and philanthropic institutions working together to eliminate preventable blindness by the year 2020. The glasses will be recycled and given to the visually impaired throughout the world. All types of eyeglasses for children and adults are accepted, including exceptionally strong or weak prescriptions. Reading eyeglasses are also useful for those who perform close-up tasks while at work. Sunglasses are given to people living near the equator, especially those with cataracts. You can drop off donations in Room 454, Borlaug Hall through 31 October. ?Doreen Murray, Dept. of Soil, Water, and Climate

Upcoming Peace Corps Events. Looking for the next challenge? Interested in Peace Corps, but want to hear more from people who have already done it? Want to do something different after graduation or looking for a mid-career change? Life is calling! How far will you go? Come find out more about the "Toughest Job You'll Ever Love" and see where in the world it will take you. Thousands of positions for graduates in any major and experience in a variety of fields. Upcoming Information Sessions and Returned Volunteer Panel: Wednesday, October 29th, 5-6pm, 210 Green Hall (St. Paul Campus). Speak with a Recruiter: Friday, November 7th, 10am-2pm, St. Paul Student Center, Table Lower Level. Can't make it? Contact your campus representative anytime for more information: Shannon Skally, U of M Campus Representative, Peace Corps, 310 Green Hall, 612-625-4716.

## SEMINARS

October 28

Biochemistry, Molecular Biology & Biophysics, Lin Ma, "Mlx, the interaction partner of ChREBP in Regulating Glucose-Responsive Lipogenic Enzyme Genes," 12 noon, 2-520 Moos Tower, Minneapolis Campus.

October 28

Plant Biological Sciences, "The good things that happen when species are bad: Effects of hybridization on two Louisiana Iris species," Dr. Jill Johnston, Research Associate, Dept. of Plant Biology, University of Minnesota, 3:30 p.m. , 335 Borlaug Hall.

October 29

MISA and WUSA, R. Dennis Olson, Institute for Agriculture and Trade Policy, "The Role of Agricultural Issues in the Collapse of the WTO Talks in Cancun," 12:00 noon, 306 Borlaug Hall.

October 29

Biochemistry, Molecular Biology and Biophysics, "Intracellular cGMP Mediated Signaling," Dr. Wolfgang Dostmann, Univ. of Vermont, 4:00 p.m., 3-120 MCB, Minneapolis Campus.

October 31

Horticultural Science, Dr. Zhongchun Jiang, State University of New York, Turfgrass Science Candidate, "Mowing Turfgrass and Nitrate Uptake and Assimilation in Kentucky Bluegrass," 9:30 a.m., 310 Alderman Hall (note time change). Sign up to meet with Dr. Jiang in 305 Alderman Hall.

October 31

BAE, "Food Safety Engineering Challenges," Director Will Hueston and Assoc. Director Shaun Kennedy, Center for Animal Health and Food Safety, 2:30 p.m., 106 BioAgEng.

November 3

Applied Plant Sciences (APS). No Seminar. ASA meetings.

#### POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

None this week.



Agronomy Gleanings, November 7, 2003

11/7/2003 8:00 AM

## AGRONOMY GLEANINGS

Department of Agronomy and Plant Genetics, University of Minnesota

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

November 7, 2003

## ANNOUNCEMENTS

Upcoming University Holidays. The University will be closed.

Thursday, November 27, 2003

Friday, November 28, 2003

Thursday, December 25, 2003

Friday, December 26, 2003

Departmental Coffee, Wednesday, November 12 at 9:30 a.m. in 306 Borlaug Hall.  
Sponsored by Syngenta and the Corn Breeding and Genetics Group.

Farewell Coffee for Rachel Mann, Thursday, November 13, 3:00 p.m., 408 Hayes Hall.

The APS Grad Student Association Sloppy Joe Lunch and Turkey Raffle is scheduled for Friday, November 21, 306 Borlaug Hall.

The Department Community Fund Drive drawing winners:

Week 4, Jill Miller-Garvin and Helene Murray

Thanks to all who responded with your donations or pledges.

Annual Honey and Candle Sale, Entomology Student Association (Frenatae),

November 19-21, St. Paul Campus. For details:

<http://www.tc.umn.edu/~frenatae/Products/products.htm>

Center for Writing, "Reading Writing: A workshop for faculty and instructors who ask students to write about texts," Tuesday, November 11th, 3:30-5:30 p.m., 207A Lind Hall.  
RSVP [tlw@umn.edu](mailto:tlw@umn.edu) or 626-7579.

For graduate students and post-docs who are looking for positions at public institutions:  
<http://agriculture.academickeys.com/index.php>

Employee Benefits Open Enrollment application deadline is November 15. You need to complete an application if one of the following applies to you.

1. You have:

- DeltaCare dental, which is being eliminated as an option for 2004, so that you can

select a new dental plan

- Patient Choice and your care system is changing to a different cost group in 2004

2. You want to:

- change medical or dental plan options

- add or cancel family coverage

- add your spouse/same-sex domestic partner who is also a U employee to your family coverage

- add a flexible spending account for 2004 (health care or dependent care reimbursement account)

- add long-term disability insurance, if eligible

- waive medical or dental coverage

3. You were defaulted into a base medical and dental plan and want coverage for 2004.

An application is not required if none of the above applies to you. Web site: <http://www.umn.edu/ohr/eb/uplan/openenroll.htm>

Month of Kindness. November 2003 has been declared "Month of Kindness" at the University of Minnesota. The mission of the Month of Kindness is to put kindness and civility at the forefront of the University of Minnesota. Over 60 campus organizations are participating and a diverse array of programs and activities are being planned. This initiative is partially funded by the Event Partnership Grant from the Student Activities Office. For more information or to obtain a schedule of events, please contact Amy Olson at [olson362@tc.umn.edu](mailto:olson362@tc.umn.edu) .

Seed Grant RFP for Public Engagement due date is December 10, 2003. Website: <http://www.umn.edu/civic>

Preparing Future Faculty Retreat for graduate students, teaching assistants, or postdoctoral fellows, Wednesday, January 14, 9:00 a.m. to 2:00 p.m., 274 McNeal Hall, St. Paul Campus. The \$10 registration fee includes morning beverages and snacks, lunch, workshop materials and a packet on job searching in and outside of the academy. Reserve your space at: <http://www1.umn.edu/ohr/teachlearn/PFFretreat1.html> for check or cash or <http://www1.umn.edu/ohr/teachlearn/PFFretreat2.html> for Departmental CUFs.

Big Brothers Big Sisters Needs Volunteers!!! BBBS has a very large waiting list of kids and are in need of volunteers everywhere, but especially in the following counties: Anoka, Dakota, McLeod and Wright. If you know of anyone (friends, family members, co-workers) who would make a good volunteer or would be interested in learning more about BBBS, please ask them to call (651) 789-BIGS (2447) or: <http://www.bigstwincities.org/index.html>.

## SEMINARS

November 10

Applied Plant Sciences (APS), Dave Esplin, APS Graduate Student, Horticultural

Science, "Selection for cold chipping potato genotypes in populations derived by sexual polyploidization" (thesis proposal), 3:30 p.m., 306 Borlaug Hall.

November 11

Special vendor presentation, "Introduction to GeneSpring for Microarray Data Analysis," 10:00-11:45 a.m., 138 Cargill Microbial and Plant Genomics Bldg, St. Paul Campus. No registration required.

November 11

Special vendor presentation, "Introduction to GeNet," 1:00-2:30 p.m., 138 Cargill Microbial and Plant genomics Bldg., St. Paul Campus.

November 11

Biochemistry, Molecular Biology and Biophysics, 2003 Lerner Lecture, "X-linked Adrenoleukodystrophy: Is There a Problem With 'Bubblegum' in the Brain?," Dr. Paul A. Watkins, Kennedy Krieger Institute, Bethesda, MD, 12:00 p.m., 2-690 Moos Tower, Minneapolis.

November 11

MSI Tutorial, "Biological Image Processing and Analysis," Seema Jaisinghani, Supercomputing Institute, 1:00-3:00 p.m., 402 Walter. To register, call 625-1818 before noon on the day prior to the tutorial.

November 11

Plant Biological Sciences, "The Arabidopsis Aux/IAA and ARF Gene Families: Redundant Functions or Distinct Roles During Auxin-mediated Gene Expression," Dr. Paul Overvoorde, Macalester College, St. Paul, Minn., 3:30 p.m., 335 Borlaug Hall.

November 12

WUSA and MISA, Aleh Rodzkin, Assistant Professor, Department of Ecology, Belarusian National Technical University & Fellow of FSA Contemporary Issues Fellowship Program: "Agriculture in Belarus: Environmental Problems and Solutions," 12 noon, 306 Borlaug Hall.

November 12

Special Vendor Presentation by MSI, "Introduction to VectorNTI," Cliff Carter, Informax-Invitrogen Life Science Software, 12:30-2:30 p.m., Cargill 138, St. Paul. Lunch provided.

November 13

Department of Rhetoric, candidate for Head, Dr. Laura Gurak, "A Vision for the Department of Rhetoric, 3:45 p.m., 125 Coffey Hall. Everyone welcome.

November 14

MSI Tutorial, "Overview of Computational Genomics/Genetics Resources at the Supercomputing Institute," Zheng Jin Tu and Wayne Xu, Supercomputing Institute,

12:00-1:00 p.m., 138 Cargill Building, St. Paul Campus. To register, call 625-1818 before noon on the day prior to the tutorial.

November 17

Special Lecture, "Globalization and Biodiversity," Prof. David Ehrenfeld, MD, PhD, Rutgers University. Lunch Series on the Societal Implications of the Life Sciences, 12:15-1:15 p.m., Room 105, Cargill Genomics Building, St. Paul Campus.

November 17

Applied Plant Sciences (APS), Adriana Telias, APS Graduate Student, Horticultural Science, "Development of transgenic fruit cultivars: Some examples and implications," 3:30 p.m., 306 Borlaug Hall.

#### POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

#### USDA/REE/ARS

Biological Science Laboratory Technician (Plants), Cereal Disease Laboratory, St. Paul, Minn. One year of specialized experience equivalent to the GS-04 level in the federal government or successful completion of a full 4-year course of study leading to a bachelor's degree in biological sciences or related field. Closing date: November 24, 2003.

#### UNIVERSITY OF WISCONSIN, MADISON

Tenure-Track faculty position in Global Environmental Change, Natural Resources and Human Health. Closing date: December 19, 2003. <http://www.sage.wisc.edu/cluster>

Agronomy Gleanings, November 21, 2003

11/21/2003 8:00 AM

## AGRONOMY GLEANINGS

Department of Agronomy and Plant Genetics, University of Minnesota

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

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

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

November 21, 2003

## ANNOUNCEMENTS

Thanksgiving Holiday. The University will be closed Thursday, November 27 and Friday, November 28.

Sloppy Joe Lunch and Turkey Raffle, Friday, November 21, 11:30 a.m.-1:00 p.m., 306 Borlaug Hall. Price: \$3.00. Win a turkey or other valuable prizes. Raffle tickets: \$1.00 each or 6 for \$5.00, available from all graduate students or at the lunch. --APS Grad Student Association

St. Paul Location Flu Shot Schedule. December 5, 2003, Animal Science/Vet Med Building (Street Level lobby). Time: 10am - 3pm.

Jianming Yu, Postdoctoral Scientist, Department of Agronomy and Plant Genetics, University of Minnesota, was presented the Gerald O. Mott Scholarship at the CSSA Annual Meeting reception in Denver, Colorado, November 4. Jianming works with Rex Bernardo on a project to study the changes in genetic variance during advanced cycle breeding in maize and the underlying genetic mechanisms.

Agronomy and Plant Genetics Scholarship and Fellowship Appreciation Luncheon was held Friday, November 14.

Undergraduate Awards--

Oliver E. Strand Merit Scholarships: Jessica Donley, Paul Werner

Laddie J. Elling Scholarship: Scott Johnson

Lawrence H. Smith Scholarship: Erik Nelson

Clifford Christenson Scholarship: Stephanie Leuer

Edgar Hartwig Scholarship: Lillian Magidow

Robert G. Robinson Scholarships: Jessica Donley, Lillian Magidow, Sara Mursky-Fuller

Graduate Awards--

Jean W. Lambert Fellowship: Sam Hutton

Pioneer International Scholarships: Candida Cabral, Dindo Tabanao

Troyer/Darwin Fellowship: Dindo Tabanao

Bill Hueg Fellowship: Jenipher Bisikwa

Project AgGrad: Jenipher Bisikwa

Doctoral Dissertation Fellowship: Kristin Mercer

Federal Express. Please do not use a grant to send Federal Express shipments, unless you check with Judy first. Example: Do not use 409-6xxx.

USDA-CSREES National Research Initiative. Information on programs and deadlines for the USDA-CSREES National Research Initiative can be found at the following website: [http://www.reeusda.gov/1700/funding/04/rfa\\_nri\\_04.htm](http://www.reeusda.gov/1700/funding/04/rfa_nri_04.htm)

IREE Website. Please check into the IREE website regarding information and funding opportunities from the University of Minnesota Initiative on Renewable Energy and the Environment. [www.iree.umn.edu](http://www.iree.umn.edu)

You are cordially invited to the presentation of the degree of Doctor of Science, honoris causa to Charles J. Arntzen, Tuesday, December 16, 2003, Cargill Building for Microbial and Plant Genetics, St. Paul Campus, 3:00 p.m. National Academy of Sciences Lecture Series by Dr. Arntzen, "Using the Power of Plant Biotechnology to Prevent Infectious Disease: The Science of Plant-derived Vaccines," 4:00 p.m., ceremony reception following. RSVP by Thursday, December 11 to Karen King at (612) 624-4285 or [kking@umn.edu](mailto:kking@umn.edu). The Board of Regents of the University of Minnesota, the College of Agricultural, Food and Environmental Sciences and the College of Biological Sciences

U of M Dairy Food Products Gift Certificates. Purchase \$5 and \$10 gift certificates for U of M dairy food products for the Holidays! Gift certificates are now available in the Dairy Food Products Salesroom, which is open on Wednesdays from 3:00 to 5:00 p.m. The Salesroom is located in 166 Andrew Boss Laboratories for Meat Science (ABLMS). In December, gift certificates will be available in FScN 225, Monday to Friday, 8 a.m. to 4:00 p.m.

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Form W-4 Notice to All Employees. IRS regulations (Reg. 3103492(f)(2)-1(c)(3)) require the University of Minnesota to remind you annually to file a new Form W-4 whenever there is a change in filing status, exemption allowances (number of dependents claimed), or exempt status. Although you have the choice to file a new Form W-4 whenever you feel you're entitled to increase your allowances. You are required to submit a new Form W-4 if there is a decrease in the number of allowances you are entitled to claim, or if your exemption from withholding is no longer valid. You can change your W-4 allowances online at the Human Resources Self Service web site at <http://hrss.umn.edu> by choosing Self Service Actions, W-4 Online. If you don't have access to file your W-4 changes online, you can submit a paper Form W-4 to Payroll

Services. The paper form W-4 is also available on the Self Service web site. For general information concerning income tax deductions and Form W-4 allowances, see "Income Tax Deductions" on the Human Resources Self Service web site at [http://hrss.umn.edu/paycheck\\_info/Taxes](http://hrss.umn.edu/paycheck_info/Taxes). For information to help determine your eligibility for the IRS Earned Income Credit (EIC), see IRS Notice 797. The HRSS web site link is [http://hrss.umn.edu/paycheck\\_info/Taxes/Income%20Tax%20Deductions/Earned%20Income%20Credit](http://hrss.umn.edu/paycheck_info/Taxes/Income%20Tax%20Deductions/Earned%20Income%20Credit)

#### CHECK YOUR ADDRESS FOR W-2 REPORTING:

To assure that your Form W-2 is mailed to the correct address, please verify that your home address is accurate. You can view your address and make any necessary changes through the Human Resources Self Service web site at <http://hrss.umn.edu> under Self Service Actions, Update Personal Information. If you have any questions, please contact the HRMS/Payroll Call Center at (612) 625-2016.

#### SEMINARS

November 24

Applied Plant Sciences (APS), Jenipher Bisikwa, Graduate Student in Agronomy and Plant Genetics, "Agricultural Biotechnology: Opportunities and Challenges in Sub-Saharan Africa," 3:30 p.m., 306 Borlaug Hall.

November 26

Plant Molecular Genetics Institute and The Center for Microbial & Plant Genomics Discussion Series, "Inferring Gene Regulatory Networks Using Microarray Data," Dr. Hairong Wei, Chemical Engineering and Materials Science, Univ. of Minnesota, 12:00 p.m., 105 Cargill Building, St. Paul Campus.

December 1

Applied Plant Sciences (APS), Irina Makarevitch, Graduate Student in Agronomy and Plant Genetics, "The Role of Plant Topoisomerase II in Genomic Integration of DNA" (thesis proposal), 3:30 p.m., 306 Borlaug Hall.

December 3

What's Up in Sustainable Agriculture? and Minnesota Institute for Sustainable Agriculture present: Cathy Twohig, Office Director at Land Stewardship Project's Western Minnesota Office "Pride of the Prairie & Farm Beginnings," 12:00 noon, 306 Borlaug Hall, St. Paul Campus.

#### POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

#### MICHIGAN STATE UNIVERSITY

Assistant/Associate Professor jointly appointed between Department of Biochemistry

and Molecular Biology (BMB: [www.bch.msu.edu](http://www.bch.msu.edu)) and the Department of Plant Biology (PLB: [www.plantbiology.msu.edu](http://www.plantbiology.msu.edu)). Closing date: December 10, 2003.

**MICHIGAN STATE UNIVERSITY**

Assistant/Associate Professor in Horticulture ([www.hrt.msu.edu](http://www.hrt.msu.edu)) with the option of a joint appointment. Closing date December 10, 2003.

**MICHIGAN STATE UNIVERSITY**

Assistant Professor in Plant Pathology ([www.plantpathology.msu.edu](http://www.plantpathology.msu.edu)). Closing date: December 10, 2003.

**UNIVERSITY OF NEBRASKA-LINCOLN**

Half time Graduate Research Assistantship, Integrated Weed Management. Leading to an M.S. in Agronomy (Weed Science). Available January 1, 2004.

**USDA, REE, ARS**

Senior Scientific Research Service position, Director, Center for Medical, Agricultural, and Veterinary Entomology, Gainesville, Florida. Degree in entomology or a related discipline of the biological chemistry or physical sciences that included at least 16 semester hours in entomology. Closing date: February 3, 2004.

**UNIVERSITY OF MISSOURI-COLUMBIA**

Commercial Agriculture Extension Associate, Department of Agronomy. M.S. degree in an agricultural discipline or a B.S. in an agricultural discipline and extensive job related experience.



Agronomy Gleanings, December 4, 2003

12/4/2003 8:00 AM

## AGRONOMY GLEANINGS

Department of Agronomy and Plant Genetics, University of Minnesota

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

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

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

December 4, 2003

## ANNOUNCEMENTS

Departmental Coffee, Wednesday, December 10, 9:30 a.m., 306 Borlaug Hall. --  
Sponsored by Syngenta and the Barley Breeding and Genetics Group

Holiday Open House, Sunday, December 14, 1:00 to 5:00 p.m. at the home of Burle  
and Lou Gengenbach, 1994 Beacon Street, Roseville. You and your spouse or guest  
are invited.

Annual Holiday Cookie Party, Monday, December 15, 9:00 a.m. to 12 noon, 411  
Borlaug Hall. Everyone is invited to join us for cookies and hot apple cider. --The Office  
Staff

Department Holiday Party, Friday, December 19, 12 noon, 306 Borlaug Hall. Details to  
follow.

Flu Shots, Friday, December 5, Animal Science/Vet Med Building (Street Level Lobby).  
Time: 10:00 a.m.-3:00 p.m.

Albert Lea Seed House Open House Invitation, December 5th and 6th, 11:30-5:30  
Friday, 9:00-4:30 Saturday. Celebrate the opening of the new facility with a two-day  
event of speakers and tours. The Albert Lea Seed House is located on the corner of  
West Main Street and Highway 13 in Albert Lea. Please RSVP by phone:  
1-800-352-5247 or email: [seedhouse@alseed.com](mailto:seedhouse@alseed.com). Lunch Provided.

Minnesota Cattle Feeder Day, Tuesday, December 9, 9:30 a.m. to 3:00 p.m.  
Administration Building, Conference Room, West Central Research and Outreach  
Center, Morris, Minn. Pre-registration is requested by December 5. Contact Kirby  
Hettver at 320-589-7423 or [stevens@extension.umn.edu](mailto:stevens@extension.umn.edu). Registration fee of \$25/  
person collected at door (includes a copy of the proceedings, noon lunch and program).

Toys for Tots/Mitten Tree located in 411 Borlaug Hall. The goal is to decorate the tree  
with mittens, hats and scarves to be donated to local shelters, and to surround the  
bottom of the tree with a HUGE pile of toys to be donated to Toys for Tots. We donated  
over \$500 in toys to the Toys for Tots program last year. Let's try to double that gift this

year! ?Alex Kahler on behalf of the APS Graduate Student Association

The Sloppy Joe Lunch sponsored by the APS grad student association was a total success! Thank you for buying raffle tickets, donating wonderful gifts and attending the lunch. This is our only annual fund raising event and thanks to your generous contributions, we have exceeded our goal, almost doubling our expectations. We hope to see you back next year, the Friday before Thanksgiving, for another Sloppy Joe Lunch. --Nadilia Gomez, APS GSA president

For Magrath Library Reserve Procedures and Policies for Faculty, please visit:  
<http://magrath.lib.umn.edu/>

Organic Agriculture Symposium CDs available. Information presented at the Organic Agriculture Symposium held 4 & 5 November at the ASA-CSSA-SSSA annual meetings in Denver, CO is available in CD format. The CD is free of charge, and can be obtained through Kate in the MISA office: Kate Seager, Minnesota Institute for Sustainable Agriculture & U of MN Regional Partnerships, 411 Borlaug Hall, 1991 Upper Buford Circle, St. Paul, MN 55108 (Phone: 612.625.8235). The information on the CD is also accessible on the internet by going to the following URL: [www.misa.umn.edu](http://www.misa.umn.edu). The website actually contains updated information from several of the presenters. The symposium involved 35 speakers from across the U.S. Topics ranged from updates on organic farming statistics and grant program opportunities to summaries of on-going organic research projects.

## SEMINARS

December 4

BioTechnology Institute, Dr. Robert M. Kelly, North Carolina State University, ? Functional Genomics-Based Studies of the Microbial Physiology and Ecology of Hyperthermophilic Microorganisms,? 3:00 p.m. (note time change), 239 Gortner Laboratory, St. Paul Campus.

December 4

Biochemistry, Molecular Biology and Biophysics, The Stanley Dagley Lectureship, Dr. Rolf Thauer, Max Planck Institute for Terrestrial Microbiology, Marburg Germany, "Biochemistry of Methanogenesis," 4:00 p.m., 105 Microbial and Plant Genomics Building, St. Paul Campus.

December 8

A Great Conversation, "Energizing Assessment," Dr. Donald Liu, Professor, Applied Economics, COAFES; Dr. Rebecca McComas, Instructor, Small Animal Clinical Sci, CVM; Kelly Griffin, 1st year DVM student; Catherine Stephan, COAFES first-year student; Dr. Ann Hill Duin, Assoc. Dean, Academic Programs & Student Affairs, COAFES; Dr. Laura Molgaard, Assoc. Dean, Academic & Student Affairs, CVM, 3:00 - 4:30 p.m., Room 135 An Sci/Vet Med Building.

December 8

Food Science and Nutrition, "Advances and Future Perspectives of Science and Technology in Extrusion," Dr. Bernhard van Lengerich, James Ford Bell Technical Center, General Mills, Inc., 3:00 p.m., Room 15 Food Science and Nutrition Building.

December 8

Applied Plant Sciences (APS), No Seminar. APS written preliminary exam discussion, 3:30 p.m., 306 Borlaug Hall.

December 9

Plant Biological Sciences, Dr. David Spooner, University of Wisconsin-Madison, "Testing the predictive claim of taxonomy: a proposal in potato," 3:30 p.m., 335 Borlaug Hall.

#### POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

#### ARIZONA STATE UNIVERSITY

Faculty positions in Evolutionary and Systems Biology, Biogeochemistry/Microbial Ecology, Molecular Interactions/Bioimaging, Ecology of Infectious Diseases, and Evolutionary Bioinformatics/Computational Biology. Closing date: December 15, 2003. For details: <http://sols.asu.edu/>

#### BARENBRUG, USA

Plant Breeder in turf grass breeding and turf grass management, Albany, Oregon. Ph.D. degree or equivalent in Plant Breeding, Genetics, or related field.

#### THOMAS IRVINE DODGE NATURE CENTER

Executive Director, West St. Paul, Minn. Ideally, 15 years' experience and a proven ability to lead a relatively complex not-for-profit organization in the nature center, environmental education, or closely related field. [www.dodgenaturecenter.org](http://www.dodgenaturecenter.org)

#### MINNESOTA PROJECT

Clean Energy Policy position, St. Paul, Minn. Two to three years' experience working with policy and energy issues. Master's degree preferred. Closing date: December 5, 2003.

#### UNIVERSITY OF MINNESOTA

Post-doctoral in plant secondary metabolism/molecular biology, Department of Plant Biology, Cargill Building for Microbial and Plant Genomics, St. Paul, Minn. Available July 1, 2004.

Agronomy Gleanings, December 15, 2003

12/15/2003 8:00 AM

## AGRONOMY GLEANINGS

Department of Agronomy and Plant Genetics, University of Minnesota

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

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

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

December 15, 2003

## ANNOUNCEMENTS

University Holidays ?December 25 & 26 and January 1 & 2. The University will be closed.

Department Holiday Potluck Lunch, Friday, December 19, 12 noon-2:00 pm, 306 Borlaug Hall.

Please bring:

- \* A potluck dish (which serves 6-8) or \$5. Mystery judges will award prizes for the best food in four categories: main dish, salad, dessert, most festive food.
- \* Bring serving utensils and label your food with a list of ingredients.
- \* Food shelf donations (nonperishable food item or monetary donation).
- \* White elephant gift (deliver to 302 Hayes in advance).

Holiday Silent Auction. This year, in conjunction with the Annual Holiday Potluck on December 19, there will be a "Silent Auction" for a local charity, Second Harvest Heartland. Items for this auction will be donated by members of the department. On the morning of December 19, the donated items will be set out on tables in 306 Borlaug Hall. There will be a description and a bid sheet with a listed minimum opening bid for each item. Winning bidders will be announced at the Potluck. Please contact Dave Garvin ([garvi007@umn.edu](mailto:garvi007@umn.edu)) if you have items to donate to the silent auction, or if you have any questions. We would like to have all donated items in hand by Thursday, December 18.

The Center for Microbial and Plant Genomics cordially invites you to an afternoon of music and fellowship. You will be entertained by some of your fellow scientists who have come together to share their gift of music for the Holiday Season. Grab your lab mate or office buddy and enjoy refreshments in the atrium of the new Cargill Building as you listen to various melodies of the Season. The festivities will begin at 3:30 pm on Thursday December 18 and continue until about 6:00 pm (or until there is no more Wassail). The music program will start at 4:00 pm and will last about 45 minutes.

Condolences. Dr. Pierre C. Robert, Director of the Precision Agriculture Center and Professor in the Department of Soil, Water, and Climate at the University of Minnesota, died Friday, December 12 as the result of an accident late last week. Dr. Robert was 62

years old. He is survived by his wife, 4 children, 7 grandchildren, and his mother. A visitation will be held from 4 to 7 pm on Wednesday, December 17, in the Mueller-Bies Funeral Home in Roseville, Minn. The family requests that in lieu of flowers, memorials preferred. A memorial will be established in Dr. Robert's name at the University of Minnesota; donations may be sent to the Department of Soil, Water, and Climate, 439 Borlaug Hall, 1991 Upper Buford Circle, St. Paul, MN 55108.

The Toys for Tots/Mitten Tree is located in 411 Borlaug Hall until the afternoon of December 23. The goal is to decorate the tree with mittens, hats and scarves to be donated to local shelters, and to surround the bottom of the tree with a HUGE pile of toys to be donated to Toys for Tots. We donated over \$500 in toys to the Toys for Tots program last year. Let's try to double that gift this year! ?Alex Kahler on behalf of the APS Graduate Student Association

Velasquez Family Coffee makes a great Holiday Gift. Regular roasts (dark, medium, light) in 12 oz bags for \$8.00 or 5 lb bulk bags for \$45. Flavored coffees in 8 oz bags for \$5.50. Ground or whole bean available as well as a monthly delivery service. Contact Guillermo Velasquez to place your order (5-0250).

The Yard & Garden Line will no longer offer fee-for-service phone consultation and sample examination to the general public through the Yard & Garden Clinic. For questions about plants, insects or sample examination, call the Yard & Garden Line at 612-624-4771 and follow the menu options to leave your question for a Master Gardener. Yard & Garden staff will continue to provide all their current internet services at <http://www.extension.umn.edu/yardandgarden>. Garden and insect questions may also be posted on the ?Ask a Master Gardener? website: <http://www.extension.umn.edu/projects/yardandgarden/askmgintro.html>.

Renewing the Countryside calendars and books are now available via the MISA office. They are beautiful and feature great photos and stories of people across Minnesota and Iowa making a difference in their communities. Here is what we have in the office:

Minnesota Hardcover Books - \$40.00

Minnesota Paperback Books (scratch & dent) - \$15.00

Minnesota 2004 Calendars -

\$8.00 each for 1-4 calendars

\$30.00 for 5 calendars

\$50.00 for 10 calendars

Iowa Paperback Books - \$25.00

Iowa 2004 Calendars -

\$8.00 each for 1-4 calendars

\$30.00 for 5 calendars

\$50.00 for 10 calendars

Orders can also be processed directly from Renewing the Countryside at <http://store.rtcmarket.org> or by calling 612-870-3472.

## SEMINARS

December 17

Biochemistry, Molecular Biology & Biophysics, "Topoisomerases and DNA Replication: Essential Function and Lethal Targets," Dr. Hiroshi Hiasa, Pharmacology, Univ. of Minnesota, 4:00 pm, 3-120 MCB, Minneapolis Campus.

December 19

M.S. Thesis Defense in Applied Plant Sciences, "Forage Potential of Illinois Bundleflower (*Desmanthus illinoensis*) in the Upper Midwest: Yield, Regrowth, Persistence, and Quality," Jason Fischbach, 8:30 a.m., 408 Hayes Hall.

December 22

M.S. Thesis Defense, "Integrating a Rye Cover Crop into the Corn-Soybean Rotation: Interaction with Arbuscular Mycorrhizal Fungi, Regrowth After Mowing, and Influence on Soybean Yield," Jason De Bruin, Applied Plant Sciences student with Dr. Paul Porter, 1:00 p.m., 306 Borlaug Hall.

## POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

USDA, REE, ARS

Biological Science Laboratory Technician (Soil), Soil and Water Management Unit, St. Paul, Minn. One year of specialized experience or one full year of graduate education. Degree in Soil Science, Environmental Science, Agricultural Engineering or a closely related discipline. Closing date: December 22, 2003.

USDA, ARS

Postdoctoral Research Associate, North Central Soil Conservation Research Laboratory, Morris, Minn. Recent Ph.D. in agriculture, soil science, agricultural engineering, natural resource management, agricultural economics or a closely related discipline is required. Skill in computer programming and simulation and knowledge of multi-objective analysis, statistical methods, and economic analysis are desirable. Refer to <http://www.ars.usda.gov> for the full text announcement (RA-04-011H).

UNIVERSITY OF SASKATCHEWAN

Assistant Professor, Forest Soils, Department of Soil Science, College of Agriculture, University of Saskatchewan, Saskatoon, Canada. Ph.D. in Forest Soils or related area, with appropriate training in biogeochemistry, nutrient management, or environmental sciences. Closing date: January 31, 2004.