

TWIG BENDER

Department of Horticultural Science

305 Alderman Hall

St. Paul, MN 55108

Volume 17, #43, 1/14/00

DEPT SEMINARS & MEETINGS

Monday, January 17

Martin Luther King Day - University Holiday

Tuesday, January 18

Spring Semester begins

Turf-Extension Research Committee meeting,
8:15-9:30 am, 310 AlderH.

PBS Colloquium, Centrin Synthesis and Basal
Body Formation during Spermiogenesis in
Marsilea vertita, Dr. Stephen Wolniak, Dept.
of Cell Biology and Molecular Genetics, U of
Maryland, 3:30 pm, 335 BorH.

Wednesday, January 19

MTGF Board Meeting, 8-3:30 pm, 310 AlderH.

Dept Seminar, Horticulture Programs at Grad
Rapids, David Wildung, 3:30 pm, 415 AlderH.

Thursday, January 20

Turf-Extension Research Committee meeting,
8:15-9:30 am, 310 AlderH.

KUDOS to Bruce Cunliffe, who received the
2nd place award at the MNLA Conference,
January 6-8, in the graduate student research
papers category. !!!!

FIVE SIGNS THAT YOU HAVE HAD TOO MUCH OF THE '90's

1. You haven't played solitaire with a real deck of cards in years.
2. You have a list of 15 phone numbers to reach your family of three.
3. You chat several times a day with a stranger in South Africa, but haven't spoken to your next door neighbor yet this year.
4. You check the ingredients of a can of chicken noodle soup to see if it contains Echinacea.

SOS - The Office of the Vice President for Student Development and Athletics is very aware of the changing demographics of our student body and range of complex issues they bring to the University, into the classroom and their on-campus work sites. To address the changing needs, they have created an initiative called SOS: Supporting Our Students. This initiative is intended to assist faculty and staff to help improve our capacity to respond to students when we become aware of signs of distress. The following are resources in support of student issues and needs.

Additional info in Student- Staff Directory. Academic Success, Alcohol and/or Drug Misue, Economic, Gambling, Harrassment or Discrimination, Isolation, Legal, Mental Health, Personal Safety, Physical Health, Relationships, Sexual or Domestic Violence, Student Conduct Code Violations

RESERVE DATES FOR Turf-Extension Research Candidate Seminars (9:00 am):

Jan 24 - Dr. R. Chris Williamson, University of Wisconsin-Madison.

Feb 7 - Dr. David S. Gardner, University of Illinois

Feb 9 - Dr. Harlene M. Hatterman-Valenti, Consultant, Sioux Falls, SD.

Feb 23 - Matthew J. Fagerness, North Carolina State, PhD in progress.

Participate in
**Maroon & Gold
Casual Fridays**

TWIG BENDER

Department of Horticultural Science

305 Alderman Hall

St. Paul, MN 55108

Volume 18, #02, 1/21/00

DEPT SEMINARS & MEETINGS

Monday, January 24

Turf-Extension Research Candidate Seminar, Turfgrass Extensions Programming in the 21st Century, Dr. R. Chris Williamson, University of Wisconsin-Madison, 9:00 am, 310 AlderH.

APS Seminar, Seminar Overview, Computer Projection System, Orientation, Dave Somer, Mark Galatowitsch, 3:30 pm, 306 BorH.

Tuesday, January 25

DEADLINE TO SUBMIT HORT UNDERGRAD SCHOLARSHIP APPLICATION.

PBS Colloquium, Biogeography, Phylogeny, and Diversification of the Agarics (Mushrooms and Their Relatives), Dr. Rytas Vilgalys, Dept. of Botany, Duke University, 3:30 pm, 335 BorH.

Wednesday, January 26

Dept Seminar, An Update of Programs at the Southwestern Outreach and Research Center at Lamberton, Elizabeth Dyck, 3:30 pm, 415 AlderH.

Students will need instructor permission (magic number) to add courses beginning today.

Thursday, January 27

COAFES Health & Safety Seminar, Office Ergonomics, Neil Carlson, Dept of Environmental Health and Safety, 8-9:30 am, 106 BioAgEng Bldg.

Dept. First Aid Training, 9-1 pm, 310 AlderH.

Dept FCC, 10-12 noon, 398 AlderH.

Ron Phillips Reception, 4:30 pm, MN Commons.

Jan 27 continued, COAFES Career Services sponsoring Polish and Protocol or "How to Put your Best Fork Forward", an etiquette dinner and image presentation. Etiquette consultant, Dayton's consultant are available to help students with professional behavior, business networking. An all-university event so space is limited, \$10.00 fee, 5:30-7:00 pm, Northstar Ballroom, SPSC. Sign up with Jean Underwood, 612-624-2710 or jmunder@tc.umn.edu. Door Prizes,

RESERVE DATES FOR Turf-Extension Research Candidate Seminars (9:00 am, 310 AlderH)

Feb 7 - Dr. David S. Gardner, University of Illinois

Feb 9 - Dr. Harlene M. Hatterman-Valenti, Consultant, Sioux Falls, SD.

Feb 23 - Matthew J. Fagerness, North Carolina State, PhD in progress.

RESEARCH RETREAT-May 8 -- as FCC begins to put the day's program together, they would like to receive faculty input. PLEASE give Vince Fritz your feedback soon! FCC respects faculty time and we want to bring relevance to this retreat so all will attend.

BOOK DRIVE - January 17-31 - A Book Drive for Children, sponsored by the Office of the Vice President for Institutional Relations. Join your colleagues in a book drive for the Loring Nicollet-Bethlehem Community Center in Minneapolis. Loring's "Homework `N Hoops" program is in need of quality books for kids grades three through nine. Drop a book by Room 6, Morrill Hall between 7:45 am and 5:15 pm, and receive a Bookworm Project 2000 leather bookmark. If you'd like a list of recommended children's books, please call Kim at 612-624-6868.

ATTENTION STUDENTS - President's Student Leadership & Service Awards nominations are due no later than Friday, February 18 at 4:30 pm. Nomination form is available from Evonne in 305 AlderH or call Jill Stalpes at 612-624-7917, Office of the Vice President for Student Development.

FLORICULTURE UNDERGRADUATE STUDENTS - Joseph Shinoda Memorial Scholarship Foundation applications are now available from Evonne in 305 AlderH.

AWARDS, FELLOWS, AND SCHOLARSHIPS from Soil Science Society of American, Crop Science Society of America, and American Society of Agronomy nomination information has arrived. If interested, see Evonne in 305 AlderH. DEADLINE TO APPLY: FEBRUARY 28

NOW THAT I'M OLDER, HERE'S WHAT I
DISCOVERED

- I finally got my head together, now my body is falling apart.
- When did my wild oats turn into All-Bran?
- Funny, I don't remember being absent minded.
- If all is not lost, where is it?
- It is easier to get older than it is to get wiser.
- Some days you're the dog, some days you're the hydrant!
- Kids in the back seat cause accidents, accidents in the back seat cause kids.
- It's hard to make a comeback when you haven't been anywhere.
- If God wanted me to touch my toes, he would have put them on my knees.
- It's not the pace of life that scares me, it's the sudden stop at the end!

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Volume 18, #03, 1/28/00

DEPT SEMINARS & MEETINGS ...

Saturday&Sunday, January 29&30 - Orchid Society of Minnesota, Winter Carnival Orchid Show, Como Park Conservatory, 10:00 am -4:00 pm.

Monday, January 31

Student Project for Amity Among Nations (S.P.A.N.) is seeking faculty advisors to take student groups during summer 2001 for unique independent study experience abroad. Application deadline is today. Contact the SPAN office 612-626-1083 or span@tc.umn.edu

APS Seminar, Photosynthetic Acclimation to Elevated Atmospheric CO₂ Involves Rapid Changes in Gene Expression, Russel Gerschlager, USDA-ARS, Morris, MN, 3:30 pm, 306 BorH.

Tuesday, February 1

GSC Meeting, 10am-noon, 398 AlderH.

Wednesday, February 2

Vascular Plant Systematist Candidate Seminar, Adaptive speciation of the giant senecios and giant bovelias on the mountains of Eastern Africa, Dr. Eric Know, Rutgers U, 3:00 pm, 306 BorH.

RESERVE DATES

- Feb 8 - UAC mtg, 8-9:30 am
- Feb 9 - Dept Pot Luck, 11:30 am to welcome new faculty and students, 310 AlderH.
- Feb 9 - Dept. Faculty Meeting, 1-3:30 pm

- Turf-Extension Research Candidate Seminars (9:00 am, 310 AlderH)
 - Feb 7 - Dr. David S. Gardner, University of Illinois
 - Feb 9 - Dr. Harlene M. Hatterman-Valenti, Consultant, Sioux Falls, SD.
 - Feb 23 - Matthew J. Fagerness, North Carolina State, PhD in progress.

ATTENTION STUDENTS - American Floral Endowment has some great opportunities for internship/scholarship programs. See Evonne or Alderman lobby bulletin board or (www.endowment.org)

FEB 9 - DEPT POT LUCK - to welcome Jerry Cohen, Seijin Park, Bill Peters & Karina Zambreno (new grad students). Bring a dish and get acquainted - 11:30 am, 310 AlderH. All students, faculty, staff are encouraged to attend.

PROPOSAL DEADLINE - Feb 25, 4 pm (round 1) or April 28, 4 pm (round 2) for submission of proposals for projects which further the goal of improving and enhancing the campus climate for women. Call 612-625-2385 (X3) or women@tc.umn.edu or <http://www.umn.edu/women>

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Volume 18, #04, 2/11/00

ROSE SALE TODAY (2/11) AND MONDAY (2/14) - Buy your Valentine roses from the Hort Club, 9-5 at the SPSC.

DEPT SEMINARS & MEETINGS ...

Monday, February 14 - Valentine's Day
APS Prelim Exam Day. Exam will be held in room 17 of Classroom Office Building between 8 am and 3 pm. Evonne Kuyper will proctor the exam.

APS Seminar, Certification of Non-GMO and Other Identity Preserved Crops, Gary Beil, President/CEO, Minnesota Crop Improvement Association, 3:30 pm, 306 BorH.

Tuesday, February 15

Pant Developmental Biology Candidate Seminar, Ion channel-mediated ABA signaling in Arabidopsis guard cells, Dr. Zhen-Ming Pei, University of California/San Diego, 3:30 pm, 335 BorH.

Wednesday, February 16

Minnesota Turf & Grounds Foundation Board meeting, 9:00 am, 310 AlderH.

Thursday, February 17

Science Works! 3-5 pm, 229 Nolte Center, RSVP by 2/15 to Jody Martin (6-0214)

RESERVE DATES

- Turf-Extension Research Candidate Seminars (9:00 am, 310 AlderH)
Feb 23 - Matthew J. Fagerness, North Carolina State, PhD in progress.
- Turf-Extension Research Candidate Seminars (9:00 am, 310 AlderH)
Feb 28 - Dr. John Isgrigg, III, Zeneca Ag Products, West Des Moines, IA, (9:00 am, 310 AlderH)

REMINDER - undergraduate or graduate students enrolled in COAFES are admitted free to the Minnesota Landscape Arboretum, Chanhassen, MN. Students are encouraged to use this valuable education/research component of our department.

INTERNSHIP - Walt Disney World is looking for students to fill greenhouse-related internships and science communication-related internships for fall 2000 and spring 2001 terms. Students who have done these advanced internships have been extremely pleased with the experience. The Disney recruiter will be at the U of M on March 9. Contact Angie Wefel at 612-624-7577 to set up an appointment. Deb Brown has brochures describing the internships (158 Alderman). Students will need to bring a current resume, transcript and three letters of recommendation to the interview.

WANTED: Summer Intern 2000 - If you are interested in therapeutic horticulture and need a summer internship placement, this is your lucky day. If you qualify, you may be eligible to participate in a summer project at the Minnesota Landscape Arboretum. During the summer, you will be assisting and learning about the therapeutic benefits of plants with a variety of different groups and people. The placement can be arranged to fit your summer schedule. There is no stipend, but we do offer you a great experience and the opportunity to apply your skills and knowledge. For further information, contact, Jean Larson at 612-443-2460 ext. 527 or see your adviser.

HORTICULTURAL SCHOLARSHIPS AVAILABLE

- The 10th District Horticultural Society is offering three \$500 scholarships in 2000.

These scholarships are available to registered horticulture students whose HOME residence is with the area served by the members of the 10 District. Counties include: Douglas, Stevens, Pope, Big Stone, Swift, Chippewa, Kandiyohi, Lac qui Parle, Yellow Medicine, Renville. Applications deadline is March 15. See Evonne for an application if you qualify.

- Perennial Plant Association is offering two \$2,000 scholarships to college juniors or seniors studying horticulture. Deadline is March 1. See Evonne for application.

KUDOS to Karri Bitner, (contributor), the Display and Trial Garden crew, the students and faculty who work in the garden for a great recognition in the February issue of Northern Gardener, a publication of the Minnesota State Horticultural Society. A study in color is on pages 30-33.

KUDOS to Brad Pedersen, Bob Mugaas, and Diana Alfuth on their SULIS web site - guess the number of 'hits' for it's first full year out their on the web - 207,802

Hort Club Officers for 2000

President	Laura Baune
Vice President	Nancy Phelps
Secretary	Susan Reynolds
Treasurer	Leslie Orth
Greenhouse Managers	Leslie Orth Lori Ylitalo

Congratulations!!!

SYMPOSIUM ANNOUNCEMENT - 14th Annual Undergraduate Research Symposium sponsored by the Minnesota Academy of Science and the Council on Undergraduate Research at the 68th Annual Meeting of the Minnesota Academy of Science, Moorhead State University, Moorhead, MN., April 28,29 This is for undergraduate students to present the results of their research in: Applied Sciences, Business and Economics, Cellular and Molecular Biology, Computer Science and Mathematics, Ecology/Environment & Evolution, Organismal and Physiological Sciences, Physical Sciences, Social Sciences.

Submission from all college and universities in the Upper Midwest are encouraged. All accepted abstracts will be published in the Journal of the Minnesota Academy of Science. Participants should notify the MN Academy of Science by February 7 of their intent to present. Participants must submit an abstract of their research for publication by March 7. www.mnacadsci.org for more information.,

UNITED NEGRO COLLEGE FUND, INC. sponsors the Gates Millennium Scholars program aimed at increasing the number of low-income African Americans, Asian Pacific Americans, American Indians/Alaska Natives and Hispanic Americans. Funded by a grant from the Bill & Melinda Gates Foundation, this award program promotes academic excellence and enhances access to higher education for thousands of outstanding low-income students. See Evonne for a nomination packet - deadline March 15.

Participate in Maroon & Gold Casual Fridays

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Volume 18, #05, 2/18/00

DEPT SEMINARS & MEETINGS

Monday, February 21

MS Thesis Presentation, Effects of Nitrate-N Addition on Wetland Plant Community Establishment and Competition with Invasive Species, Emily K. Green, 9:00 am, 310 AlderH.
Coffee & donuts served at 8:45 am.

Tuesday, February 22

Plant Developmental Biology Candidate Seminar, Genetic Analysis of Plant-Rhizobial Symbiosis in the *Medicago truncatula*, Dr. Varma Penmetza, 3:30 pm, 335 BorH.

Wednesday, February 23

Turf-Extension Research Candidate Seminar, Turfgrass Ecology: A Holistic and Practical Approach to Turfgrass Extension and Research, Matthew J. Fagerness, North Carolina State, PhD in progress. 9:00 am, 310 AlderH.

COAFES Health and Safety Training, Chemical Hygiene/Lab Safety, Dawn Errede, DEHS, 9-10:30 am, 106 BioAgEngBldg. (repeating Sept 28 training).

Thursday, February 24

Dept. FCC, 8:00 am, 398 AlderH.

Plant Developmental Biology Candidate Seminar, Regulation of Auxin Signaling by PINOID, Dr. Susan Christensen, Salk Institute, LaJolla, CA, 3:30 pm, 335 BorH.

Friday, February 25

APS Invitational to prospective graduate students. Visits with various grad faculty throughout the day.
Current grad students are invited to attend a free lunch with these prospective graduate students, 12:30, 306 Borlaug. Sign up located across from grad mailboxes.

Saturday, February 26

Burke Gengenbach is hosting a pot luck for all current and prospective graduate students at his home, 6 pm.
Contact Lynne Medgaarden at 5-4742 for address and maps.

RESERVE DATES

- Turf-Extension Research Candidate Seminars (9:00 am, 310 AlderH)
Feb 28 - Dr. John Isgrigg, III, Zeneca Ag Products, West Des Moines, IA, (9:00 am, 310 AlderH)

KUDOS to:

Lori Ylitalo who our 2000 Outstanding Horticulture Student for ASHS. Her photo recognition will appear in the April issue of Hort Science.


and

Laura Perry who received both the Carolyn M. Crosby Fellowship and the Louise T. Dosdall Fellowship for 2000-2001.

and

Stephanie Jutila who received the Martin McLaren Fellowship with the Garden Club of America Program. This fellowship provides for study, research, and practical work at botanical gardens. Stephanie will leave in July for a semester of graduate study in Reading, UK and an opportunity to work at The Royal Botanic Gardens, Kew and Edinburgh. **WOW**

Welcome New Persons to Department. . . Jerry Cohen, Endowed Bailey Chair Professor arrived in January, 2000 and writes "I was born and raised in northern California and received a BS degree in microbiology from UC Riverside, my MS in Plant Physiology at San Diego State University, and



completed my graduate education at Michigan State in Plant Biochemistry. This experience was to be followed by a postdoctoral position at UC Berkeley. I spent 18 years in the Plant Hormone Lab at the USDA in Beltsville, Maryland and then went to NSF as the Program Director for Cell Biology (the Cell Biology cluster has two programs, Cellular Organization and Signal Transduction and Regulation). After being there for 10 months I was asked to serve as the Deputy Division Director for Molecular and Cellular Bioscience where I stayed until the start of my faculty position here. My hobbies are woodworking, electronics, computers, travel, gardening and playing with my 1976 MG Midget. Right now my main hobby is unpacking boxes, both in the lab and at home. My family (wife, Sue, and son Aaron) are both "off to college." Sue is working for USDA-APHIS while pursuing her Ph.D. at George Mason University in Virginia. Aaron is a Computer Engineering major at the University of Illinois in Champaign/Urbana. Of course my other hobby is research. My interests are in the process of hormonal regulation of plant development. Work in my lab has mainly focused on auxins and processes such as rooting, regeneration from cell culture, embryogenesis, and fruit ripening. I have always run a very open laboratory and try to have a lot of people share our methods and tools - this I plan to keep doing here at Minnesota both with colleagues on campus and worldwide. We are often known for our work on auxin analysis, but this actually forms only a small part of the work we do. As biochemists, much of our work involves isolating proteins involved in hormone metabolism and, of course, then cloning the genes." Thanks, Jerry - his office is 252 Alderman (4-9212) and his lab is located on third floor (321,327). Stop and get acquainted.

Tune in for more new persons next week....

FREE for the asking: HortScience (1983-1996) and Journal ASHS (1985-1996) issues. Contact Rhoda Burrows at 625-1949 or rhodab@puccini.crl.umn.edu.

Philip C. Hamm Memorial Scholarship Program...
For undergraduate students in the plant sciences and related disciplines. The purpose To be eligible for nomination, a student must be a junior or senior, have an outstanding scholastic record, submit a statement of career objectives, not to exceed one page. Nomination must be submitted through the respective college (COAFES-Alan Hunter, 120 BioAgEng). Deadline for receipt is March 3, 2000. March E. Ascerno, Chairperson, 219 Hodson Hall.

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Volume 18, #06, 2/25/00

DEPT SEMINARS & MEETINGS

Monday, February 28

APS Seminar, On-Line Literature Searches, JoAnn DeVries, Associate Librarian, McGrath Library Reference Service, U of MN, 3:30 pm, 306 BorH.

Tuesday, February 29

Plant Developmental Biology Candidate Seminar, Cellular Events Mediating the Light Regulation of Plant Development, Dr. Albrecht von Arnim, Dept of Botany, University of Tennessee/Knoxville, 3:30 pm, 335 BorH.

Wednesday, March 1

Chalk Talk - Dr. Albrecht von Arnim, Dept of Botany, University of Tennessee/Knoxville, 1:30-2:15 pm, 239 Bortner Lab - All Welcome!

Hort Dept. Seminar, Fruit Research Update from Scotland, Dr. Rex Brennan, Scottish Crop Research Institute, 3:30 pm, 415 AlderH.

Thursday, March 2

UAC Meeting, 8-9:30 am, 398 AlderH.

RESERVE DATES

- March 6 - APS Prelim papers available
- March 8 - GSC
- March 9 - Hort Faculty Meeting
- March 20 - APS Prelim Exam Day
- March 23 - 2000 Kermit A. Olson Memorial Lecture.
- April 27 - Bring your daughters to work day.
- May 8 - Dept. Research Retreat


Welcome New Persons to Department.

Carrie Reinhardt writes "A little about myself - I'm from Pennsylvania, which is warmer than Minnesota. I'm originally from the Philadelphia

area, but have lived in State College for the past 7 years, where I attended Penn State University. I got my BS from PSU in Environmental Resources Management, and got my MS also from PSU in Wetland Ecology. Like all Penn Staters, I am a very serious football fan. I went back to Penn State this year for the game against the Golden Gophers, and that was interesting.

I came to the U to work with Sue Galatowitsch. I am a PhD student in Water Resources Science. My research focuses on the control of reed canary grass (an invasive species) in wetland restorations. Reed canary grass invades wetland restorations, outcompeting native species, and colonizing the wetland as a monoculture. I will perform field and greenhouse experiments to help identify a physiology-based strategy for land managers to control this invasive grass." Thanks, Carrie - get acquainted with Carrie - her office is 290 Alderman Hall.


Seijin Park writes "I was born and raised in the country of South Korea. From Yonsei University, which is a sister university of U of MN, I received my BS in biology and MS in plant nutrition. In 1998 I completed my Ph.D. at the University of Tokyo in Applied Biological Chemistry. I researched the role and working mechanism of gibberellins during seed development with immunochemical and analytical methods. Since April, 1998, I have been working with Professor Jerry Cohen at the USDA in Beltsville, Maryland. I am researching about one of the IAA conjugates. I hope I could apply this knowledge to raise the quantity and the quality of agricultural products. My hobbies include watching movies and eating really good ice cream. My wife studies Chinese art history and my son has just started to climb into his chair. Even



though we have not had the opportunity to experience "real" Minnesota winter this year, we are desperately waiting for spring." Seijin is located in room 328 - so stop by and get acquainted.

Tune in for more new persons next week....

SCHOLARSHIP ANNOUNCEMENT - The Men's Garden Club of Minneapolis (MGCM) will be awarding three \$1,000.00 scholarships to students of horticulture in 2000. Students working toward a degree and career in horticulture, landscaping, or a related professional area are encouraged to apply. MGCM is a group of men and women interested in home gardening and landscaping and improving the communities in which we live. Over the last eight years, we have awarded a total of \$22,000 for student scholarships. These scholarships are awarded to students whose career goals are consistent with the interests of the gardener members of MGCM. See Evonne for an application - Must be postmarked May 1, 2000.



Participate in
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Casual Fridays



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Volume 18, #06, 3/03/00

DEPT SEMINARS & MEETINGS

Monday, March 6

APS Prelim Papers available - exam on March 20.

Civil Service Awards Meeting, 11 am, 398 AlderH.

APS Seminar, Agricultural Professional Education in Minnesota, Dr. Beverly Durgan, 3:30 pm, 306 BorH.

Plant Developmental Biology and Plant Genomics Candidate Seminar, The Role of Sucrose Transporters in Long-Distance Transport and Phloem Function, Dr. John Ward, Center for Plant Molecular Biology, University of Tubingen-Germany, 3:30 pm, 335 BorH.

Tuesday, March 7

GSC Meeting, 10-11am, 398 AlderH.

Chalk Talk, Dr. John Ward, 1:30-2:15 pm, 306 BorH. All Welcome!

Wednesday, March 8

Hort Faculty Meeting, 1-3:30 pm, 310 AlderH.

Hort Dept. Seminar, Glycinebetaine Increases Chilling Tolerance and Reduces Chilling-Induced Lipid Peroxidation in Zea mays L. WenPing Chen, 3:30 pm, 415 AlderH.

Thursday, March 9

Plant Genomics Candidate Seminar, Comparative Genetic and Functional Analysis of MYB Transcription Regulators in Sorghum and Maize and its Utility in Metabolic Engineering of Anti-fungal Flavonoid Compounds, Dr. Surinder Chopra, Dept. of Zoology and Genetics, Iowa State University, 3:30 pm, 306 BorH.

RESERVE DATES

- March 20 - APS Prelim Exam Day
- March 23 - 2000 Kermit A. Olson Memorial Lecture.
- April 27 - Bring your daughters to work day.
- May 8 - Dept. Research Retreat

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Volume 18, #07, 3/17/00

DEPT SEMINARS & MEETINGS

Monday, March 20

APS Prelim Exam - 8 am - 3 pm, 17 COB.

APS Seminar, Wetlands and Agricultural Runoff: The Benefits, Limits and Costs of Relying on Wetlands as Nutrient Sinks, Laura Perry, 3:30 pm, 306 BorH.

Tuesday, March 21

International Programs Seminar, Protecting the Environment in the USAID Context, Timothy Resch, Senior Environmental Program Adviser, U.S. East Asia and Pacific Environmental Initiative & U.S. Agency for International Development, 3:00 pm, 306 BorH.

Plant Genomics Candidate Seminar, Genetic approaches to understanding intercellular signaling via receptor kinases in *Arabidopsis*, Dr. Frans Tax, University of Arizona, 3:30 PM, 335 BorH.

Wednesday, March 22

PBS Graduate Defense Seminar, Seed Bank Variation under Different Levels of *Phalaris arundinacea* L. cover in a Restored Wetland, Marcia Raley to fulfill the requirements for the degree of Masters, 8:30 am, 306 BorH.

Thursday, March 23

2000 Kermit A. Olson Memorial Lecture, Frankenstein Food or Better Living Through Chemistry? The Ethics of Genetically Modified Plants, Dr. Jeffrey Kahn, Director, Center for Bioethics, U of MN, St. Paul Student Center Theatre - 4:00 pm - Scholarship Presentations; 4:30 pm, Dr. Kahn's lecture; 5:30 pm - Reception in 310 Alderman.

RESERVE DATES

- GSC meeting, 10 am
- April 12 - Potluck & Faculty Meeting

- April 13 - Fall Semester registration begins
- April 14 - Bailey Nursery Career Open House for Faculty/Professors
- April 18 - Global Event
- April 24-May 5 - dept course evaluation time
- April 27 - Bring your daughters to work day.
- May 8 - Dept. Research Retreat

Welcome New Persons to Department

Karina Zambreno writes "after graduating with a B.S. in Science in Agriculture from the U of M last winter. I worked with a holistic vet, Will Winter, DVM, helping with writing projects and learning about holistic pet care, herbalism, and homeopathy. A year was enough time away from school and I was excited to get into my graduate studies. I am currently working on an M.S. in Applied Plant Science-Horticulture with Emily Hoover as my advisor. My research involved evaluating potential winter hardy rootstocks for grapes, a continuation of research done by Mary Peterson. When away from school, I enjoy doing yoga, learning to play acoustic guitar, cooking, and playing with my cats." Say hello to Karina in room 256 Alderman.

Stefanie Miklovic writes "I am a Master's student in the Water Resources Sciences program. I grew up in a small farming town in the thumb of Michigan (in the lower peninsula), and received my undergraduate degree in Ecology from North Michigan University (in the U.P.). Currently, I am working on a project with Sue Galatowitsch to assess the effects of roadsalt on wetlands. Though I love winter, I am enjoying this warm weather and looking forward to my first summer in Minnesota!" Meet Stefanie - her office is 290 Alderman.

CONGRATULATIONS - to Troy and Sara Carson who welcome a baby girl into their family. Elizabeth Mae was born on 3/10/00 at 3:50 am. Elizabeth Mae weighed 9 lbs, 12 oz and 21" long. WOW

Hort Club Undergraduate Officers - 2000
President - Laura Baune (651-698-7281)
lbaune@hotmail.com
V.President - Nancy Phelps (612-866-2913)
phel0053@tc.umn.edu
Secretary - Susan Reynolds (612-537-5367)
SSReynolds@worldnet.att.net
Treasurer - Leslie Orth (651-459-0662)
orth0015@tc.umn.edu
UAC Rep - President Laura
GH Managers - Leslie Orth (651-459-0662)
- Lori Ylitalo (612-559-0898)
ylit0013@tc.umn.edu
Faculty Adviser - Bud Markhart (612-624-7705)

Student Chapter, U of MN, Officers for 2000

President - Darrell Wollmer (651-917-9283)
woll0047@tc.umn.edu
Vice President - Dan Stang (651-917-9283)
stan0234@tc.umn.edu
Treasurer - Brent Berkovitz (612-819-6553)
berk0045@tc.umn.edu
Admin. Asst. - Ben Just (651-646-3196 x 126)
just0047@tc.umn.edu
Liaison - Andrew Carlson (612-301-8228)
carl0202@usa.net
Liaison - Paul Wichmann (612-301-8201)
wich0030@tc.umn.edu
Faculty Adviser - Don White (612-624-9206)

Meetings take place on Thursdays @ 5:00 pm in
Alderman Hall

GO GOPHERS

PARTICIPATE IN
MAROON & GOLD
CASUAL FRIDAYS

TWIG BENDER

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Volume 18, #07, 3/24/00

DEPT SEMINARS & MEETINGS.....

Monday, March 27

Hort Variety Release Committee, 10:30 am, 310 AlderH.

HAVE A SAFE SPRING BREAK WEEK

THAT'S ALL FOLKS

REMINDER - Daylight SavingsTime begins April 2

MAROON

&

GOLD

CASUAL

FRIDAYS

TWIG BENDER

Department of Horticultural Science

305 Alderman Hall

St. Paul, MN 55108

Volume 18, #08, 4/07/00

DEPT SEMINARS & MEETINGS.....

Monday, April 10

Dept. FCC, 2:30-4:00, 398 AlderH.

APS Seminar, Analysis of the Sugarcane Baccilliform Virus Promoter in Both Monocots and Dicots, Nadiya Al-Saady, 3:30 pm, 306 BorH.

Urban Forestry Club presents, Innovations on tree planting, production and selection, Dr. Bonnie Applegate, Virginia Tech University, 6:30 pm, 110 Green Hall. Tickets are \$15 in advance and \$20 at the door. Ticket info 4-3020.

Tuesday, April 11

GSC, 10:00 am, 398 AlderH.

PBS Seminar, Gene flow from Transgenic Crops to Weeds, Dr. Allison Snow, Ohio State University, 3:30 pm, 335 BorH.

Wednesday, April 12

Hort Pot Luck, 11:30 am, 310 AlderH. Bring a dish to share - MN style. Jello welcome. All faculty, staff, and students are welcome to participate.

Hort Faculty Meeting, 1:00 pm, 310 AlderH.

Hort Seminar, Propagation Studies in Ornamental Grasses, Bruce Cunliffe, 3:30 pm, 415 AlderH.

Hort Club Meeting, 4:00 pm, 310 AlderH.

Thursday, April 13

Massage Therapy - noon - 2 pm, 398 AlderH. See Cindy Tong to sign up - \$15/15 minutes.

Friday, April 14

Bailey Nursery Open House - horticulture has 13 attending. Wear your maroon and gold dept shirts. Van leaves from hort greenhouse at 9:30 am.

ATTENTION FACULTY - Residential Life is offering a new program for first year students. It provides faculty, staff, and alumni with opportunities to interact with freshmen on an informal basis outside of the classroom setting. To learn more info about this new program, see Evonne.

SCHOLARSHIP OPPORTUNITY - The National Arborist Foundation is sponsoring three student scholarships. The scholarship recipients should be pursuing a career in Commercial Arboriculture. The scholarship amounts will be \$2,000 and will be awarded to undergraduate and technical college students. See posting on Alderman Hall lobby bulletin board. If you meet criteria, see Evonne for application.

SCHOLARSHIP OPPORTUNITY - The Society of Commercial Arboriculture is offering financial scholarships to students majoring in Arboricultural, Urban Forestry, or Horticulture. See posting on Alderman Hall lobby bulletin board. If you meet criteria, see Evonne for application. Deadline May 30

KUDOS to Emily Green who successfully completed her Masters degree in Conservation Biology (Sue Galatowitsch, adviser). Emily is employed in Agronomy (Hayes Hall) as Program Coordinator for the Regional Partnership Program.

SPRING JAM events on the St. Paul Campus, April 24-29, "Passport to Paradise" will include many outdoor events - see postings.

DEPT T-SHIRTS available - See Evonne as I have a variety of **large** t-shirts with the "Discover Horticulture" logo on them (various colors) - hurry - limited supply.

TWIG BENDER

Department of Horticultural Science

305 Alderman Hall

St. Paul, MN 55108

Volume 18, #10, 4/21/00

DEPT SEMINARS & MEETINGS.....

SPRING JAM WEEK

Monday, April 24

Special Faculty Meeting, 9-11 am, 310 AlderH.

Plant Biology Department Headship Seminar,
Profiling Primordia: Functional Genomics of
Nodulation in *Medicago truncatula*, Dr. Kathryn
VandenBosch, Texas A&M University, 11:00 am,
306 BorH.

Thursday, April 27

BRING YOUR DAUGHTERS TO WORK DAY.

Symposium, Global Ecosystem Change: Ethics,
Science and Policy, Brunch at 12 noon, welcome by
President Yudof at 12:45 pm, Cowles Auditorium,
Humphrey Center, West Bank.

H.K. Hayes Memorial Lecture, Role of Modern
Biotechnology for Food Security in Developing
Countries, Dr. Per Pinstrup-Anderson, Director
General, International Food Policy Research
Institute, Washington, D.C., 7:30 pm, 135AC, Earle
Brown Center, St. Paul Campus.

WELCOME NEW PERSON: Zoellan Kjernes, our
new Word Processing Specialist's in the main
office writes "My tale begins on a tobacco and
dairy farm in southern Wisconsin. After a
relatively quiet life, I eventually left home,
attended UW-Madison and received an
undergraduate degree in Food Chemistry. Later, I
found my way to Minneapolis, worked for a few
years and then tired of my daily routine after
meeting a few people that had traveled a bit.
Following a bicycle tour of Alaska, I ended up in
Australia and New Zealand for a year doing odd
jobs. The idea of a 'daily routine' coupled with
gainful employment including benefits *quickly*

became appealing again. So I returned to the Twin
Cities and ultimately started a permanent job in
the French and Italian Department at the U of M.
I became interested in foreign languages and
decided to start a second Bachelors degree (part-
time) in Spanish language and literature, I hope to
complete my senior thesis (the final piece for my
degree) this summer.

I came to the Department of Horticultural
Sciences after working a year and a half in the
International Programs office in the Carlson
School of Management. As you have probably
guessed by now, I have made Minnesota my home
for the time being. I bought my first humble hovel
(built in 1883) in Northeast Minneapolis last
summer and I anticipate the home improvement
projects to continue until the day that I decide to
unload it. I have also enjoyed the company of two
creatures of the feline persuasion for several
years now, they are Natasha and Carmenita (a.k.a.
Lump and Rag). They control my life and keep me in
check. My interests are many. The latest ones
include foreign languages and cultures, piano and
guitar, bicycling, travel and sleeping." Come on by
305 Alderman and greet Zoe.

MAROON & GOLD

CASUAL FRIDAYS

TWIG BENDER

Department of Horticultural Science

305 Alderman Hall

St. Paul, MN 55108

Volume 18, #12, 5/5/00

DEPT SEMINARS & MEETINGS.....

FINAL EXAM WEEK

Sunday, May 7

COAFES Commencement Ceremony, 2:00 pm, Northrup Auditorium. We honor the following seniors: Erika Berghauer, Amy Bergquist, Darlene Charboneau, Douglas Danielsen, Todd DiBrito, Tiffany Gaston, Stephanie Jutila, Alexander Moore, Mary Beth Morey, Julie Pflaum, Lisa Philander, Chad Richard, Brandon Schindele, Bryan Stromme, Nathaniel Studer, Alex Stuedemann, Kimberly Swenson, David VanValkenburg, Al Westhoff, Tiana Wood, and Lori Ylitalo. Congratulations to our class of 2000!!! Good luck to each of you. By the way, a little birdie told me to check out this Sundays Star Tribune - one of our seniors will be featured.

Monday, May 8

Department Retreat, 8:30am-4:15pm, Minnesota Landscape Arboretum.

Tuesday, May 9

COAFES Symposium, A Scientific Assessment of the Ecological Impacts of Transgenic Plants and Microbes: Potential Benefits and Risks, 8:30 am - 12 noon, SPSC Theatre.

Phillip C. Hamm Memorial Lecture, Impacts of Climate Change on Boreal Forest Ecosystems: Challenges and Opportunities for Science and Forest Management, Dr Seppo Kellomaki, University of Joensuu, Finland, 3:30

(reception), 4:00 (lecture) 135AC Earle Brown Center.

Wednesday, May 10

Hort Faculty Meeting, 1-3:30 pm, 310 AlderH.

Thursday, May 11

PB Headship Candidate Seminar, Time Passages Through Modern and Ancient Specimens, Scott Rogers, State University of New York, 11 am, 306 BorH.

Master of Agriculture in Horticultural Science Final Oral Presentation, Germination of *Lithospermum carolinense* (Puccoon), Pat Johnson, 4:00 pm, 415 AlderH. Open to the public.

HORT CLUB SPRING PLANT SALE, May 11 (8-6), 12 (8-5). Hanging baskets, perennials, vegetables, annuals, mixed pots, trees and shrubs!!! Support Hort Club. St. Paul Student Center lawn in front of Bailey Hall - look for the tent.

REQUEST FOR PROPOSALS - MISA is pleased to announce the 3rd annual request for proposals for the Theodora and Arnold Johnson Undergraduate Research Internship Program. This program is designed to provide undergraduate students with an

internship opportunity to work with a faculty member on a research topic pertaining to sustainable agriculture. The program provides up to \$3,000 for student stipends. The program is open to any student enrolled in any program within the U of MN COAFES. Applications available at the Career Services, 120 BAE or at the MISA office, 413 Hayes Hall, 612-625-8235 or website:

<http://www.misa.umn.edu> Deadline: 4:30 pm, May 23, 2000.

BIOTECH Minnesota Seminar Series to showcase the Biotech Industry of Minnesota, June 1, 7:30 am - 11:00 am, Radisson Hotel Metrodome, Mpls, MN - for additional info: www.mnbio.org

CALL FOR PAPERS - International Maple Symposium, October 25-27, 2000, The Morton Arboretum Deadline for abstracts: June 1, 2000 www.mortonarb.org

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FRIDAYS

TWIG BENDER

Department of Horticultural Science

305 Alderman Hall

St. Paul, MN 55108

Volume 18, #13, 5/26/00

Monday, May 29

Memorial Day holiday - University closed

Tuesday, May 30

Nothing today

Wednesday, May 31

Nothing today

Thursday, June 1

Enology Candidate Seminar, Chris Johnson,
3:30 pm, 310 AlderH.

Staff Day, SPSC Terrace, 11:30 - 1:00 pm

Friday, June 2

Enology Search Committee meets with
candidate, 10:40 am, 398 Alderman

Looking Ahead

June 5 - Enology Search Committee meeting
to make final recommendations, 11:00 am, 398
AlderH.

June 6 - Retirement Party for Gerald Miller,
SPSC Northstar, 3-5 pm

June 16 - Retirement Party for John Carter,
4 pm.

June 23 - Retirement Party for Erv Oelke,
SPSC Northstar, 3:30-5 pm.

July 8 - retirement Party for Peter Ascher, 6
pm.

KUDOS to Neil Anderson, who has received a
grant from the Grant-in-Aid of Resarch,
Artistry, and Scholarship from the University
of Minnesota, entitled, "Reproductive biology
and seed germination of Minnesota
populations of *Gaura coccinea*".

Welcome

Larry Vetter is on board in room 422
Alderman Hall. He replaces Bob Mugaas as
Execuctive Director for the Turf & Grounds
Foundation.

Tom Gfrerer has joined our department as
Sr. Electronics Technician - say hello to Tom
in room 137 Alderman - his phone is 4-4276.

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FRIDAYS

TWIG BENDER

Department of Horticultural Science

305 Alderman Hall

St. Paul, MN 55108

Volume 18, #14, 9/15/00

Saturday & Sunday, September 16 & 17
Minnesota Landscape Arboretum Flower &
Garden Show, free with paid gate admission,
Snyder Building Auditorium

Tuesday, September 19
State Fair Committee Mtg, 8:30 am, 310
AlderH.

FCC, 2:15-3:20, 398 AlderH.

PBS C colloquium, Negative regulation of
trichome development, Dr. David Marks, 3:30
pm, 335 BorH.

Friday, September 22
Hort Specialization Mtg, 10 am - 3:00 pm, 310
AlderH.

LOOKING AHEAD

September 15 - October 12 - Graduate
School Forums. "Giving & Getting Credit:
Ethical Issues in Authorship & Artistic
Expression. September 25 from 2-4 pm,
"multiple Authorship", BSBE 2-101. To insure
that materials are prepared for you, please
RSVP to RCR@umn.edu or call 5-6340.
Geared to faculty and graduate students
working in the Life Sciences & Biomedical.

KUDOS

Ryan Hayes & David Zlesak who received 1st
& 2nd place (out of 17 student participants) in
the Graduate Students Oral Paper
Competition at the National & International
Conference of the Potato Association of
America held in Colorado Springs, July 22-26.
Ryan's papers was entitled, "Early generation
selection for cold chipping in diverse potato
progenies" and David's paper was "The

occurrence of 2n pollen in late blight
resistant wild *Solanum* accessions".

and to

Mary Meyer for being awarded the
Distinguished Achievement Award for
Consumer Horticulture in the Extension
Division of ASHS. Mary received the award
at the Extension banquet on July 25, 2000 in
Orlando, Florida at the ASHS 2000 Annual
Convention.

and to

Grey Horton who successfully completed his
Master of Science on August 31. Good luck to
Grey as he moves to Sacramento, California.

WELCOME to all new and returning
students. It was lonesome during the
summer. It takes time to get acquainted, and
learn your way around so keep asking those
questions and the department staff will try to
help you. If you know of fellow students
who did not get an electronic version of this
weekly newsletter, have them turn in their
e-mail address to Evonne Kuyper in 305
Alderman. We will list weekly seminar
listings, meetings, scholarship opportunities,
achievement awards, department events, etc.
So, turn in newsy items to me by Thursday at
noon, and I would be happy to post them in
the "Twig Bender" which should arrive on
your electronic door step each Friday.
(kuype001@tc.umn.edu) Thank you!!!

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FRIDAYS

TWIG BENDER

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Volume 18, #15, 9/21/00

Saturday, September 23 Minnesota Landscape Arboretum Fall Festival & Auxiliary Sale, 9am-3pm. Annual fall extravaganza of color and activities for the entire family. Sales of food, fall bulbs and a variety of crafts. Live music, entertainment and children's activities. Arboretum Auxiliary Sale of one-of-a-kind dried flower arrangement and decorations. Tram rides around the Arboretum; cider-pressing, apple sales at the Arboretum Research Center. Free with paid gate admission.

Monday, September 25

APS Seminar, At harvest weed seed destruction to minimize the impact of herbicide resistance, Michael Walsch, University of Western Australia, 9:30 am (note time change), 306 BorH.

Hort Grad Student Meeting, brown bagger, 12 noon, 310 Alderman. All grads with a hort adviser are welcome!!!

COAFES Faculty Themes Retreat, 12:00-4:00 pm., SPSC-North Star Ballroom.

Tuesday, September 26

UAC, 2:00 pm, 398 Alderman.

PBS Colloquium, Structural organization of transgene loci in hexaploid oat, Dr. Sergei Svitashv, PostDocRes.Assoc., Dept of Agronomy & Plant Genetics, U of MN, 3:30 pm, 335 BorH.

Wednesday, September 27

SWC Seminar, Runoff loss of pesticides and soil from fresh-market vegetable production: A comparison of plastic mulch versus

vegetative mulch, Dr. Pam Rice, USDA-ARS Beltsville, MD, 3:00 pm, 375 BorH.

Friday, September 29

Rosh Hashanah

WELCOME to Larry Vetter who assumed the position of Executive Director of the Minnesota Turf & Grounds Foundation as of May 22nd. He writes "Born & raised in Muscatine, IA, I graduated from the University of Iowa with a B.B.A. degree in General Business/Marketing in 1962. I enrolled in Horticulture at Iowa State U receiving a B.S. degree specializing in Turfgrass Management in 1965. From 1966-1977, I was superintendent of Grounds at The Minikahda Club in Minneapolis. I then became Manager of the Medalist Turf Division at Nurthrup King Co. from 1977-1987. In 1987, I joined Ringer Corp. in Eden Prairie as the Director of Commercial Sales until starting my own business. I currently am still running this company in addition to carrying out my MTGF duties. I am an avid golfer, enjoy gardening and taking care of my own golf course (home lawn). My wife, Carol, and I live in Minnetonka and each have two children, none of whom have been sufficiently successful to date to allow Mom and Dad to retire at an early age." Greet Larry in his office, room 422 Alderman.

RESEARCH OPPORTUNITY - Student wanted to set up propagation experiment with ornamental grasses, stem/culm cuttings with Miscanthus. Easy, fun, and 6-10 weeks. Chance for possible paper or poster at ASHS. Contact Mary Meyer, 952-443-1447, meyer023@umn.edu

DONATE YOUR EXCESS PLANTS - If you are thinning out overcrowded beds, dividing perennials or removing shrubs-we are interested in your excess plant material. The Minnesota State Horticultural Society's Minnesota Green Plant Donation Network distributes plant material to community gardens state-wide. Program beneficiaries include parks, schools, food shelf sites, entryways, roadsides, vacant lots, public housing developments and commercial districts. Donor's range from large-scale operations to local nurseries, as well as individuals. The benefits from your contribution to Minnesota Green can be seen in the development of community pride, neighborhood cooperation and education about our environment as people come together to improve their neighborhoods. Please phone Vicky Vogels at 651-643-3601, ext. 209 or email vickyv@northerngardener.org MN Green Program Coordinator, MN State Horticultural Society.

FLEET SERVICES - moved to 901-29th Ave. S.E., Mpls MN 55414 (612-625-3033). The entrance is just south of the Printing Services Building. Rental vehicle dispatch hours are M-F 6am-8pm and Sat/Sun 6am-1pm. NEW - extended vehicle maintenance hours, M-F 6am-6pm. Call 625-7817 with maintenance questions.

OUR DEPARTMENT
PARTICIPATES IN

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FRIDAYS

TWIG BENDER

Department of Horticultural Science

305 Alderman Hall

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Volume 18, #16, 9/29/00

Monday, October 2

PMG Seminar, Genetics of tillering in barley,
Dr. Gary Muehlbauer, 12 noon, 239 Gortner
Lab. Cookies and beverages provided.

APS Seminar, Corn breeding research at the
University of Minnesota, Rex N. Bernardo,
3:30 pm, 306 BorH.

Tuesday, October 3

Turf Search Committee, 2-3:30 pm, 310
AlderH.

Dept. FCC meeting, 2:15-3:25 pm, 398
AlderH.

Wednesday, October 4

Department hors d'oeuvre pot luck to kick off
the Wednesday Discussion Series. There will
be introduction of new department members
which includes visiting scientists and grad
students, 3:30 pm, 310 Alderman. Pictures will
be taken of our new graduate students for
the Rogue's Gallery. See Evonne or Alan
Smith if you have questions... All department
faculty, staff and students are encouraged to
participate by bringing a snack item to share.
Beverages provided.

Friday, October 6

8th Annual Kuehnast Lectureship in
Climatology, Beyond Global Warming - Yes or
No, Dr. Roger Pielke, Jr. from the
Environmental and Societal Impacts Group,
National Center for Atmospheric Research,
3:30 pm, 335 BorH. Refreshments at 3:00.

WELCOME.....

Neil Mattson writes " I grew up on a small
farm near Aitkin, MN. I went to the U of M
at Morris for my undergraduate degrees in

Biology and Computer Science. This August I
was married to Janelle, a wonderful lady that
I met in 4-Hm and went to college with in
Morris. I enjoy swimming, playing tennis,
biking with my wife, and skiing and
snowmobiling in the winter. I like nature
hikes as well, where I enjoy identifying native
flowers and collecting interesting insects. I'
going for my M.S. with emphasis in the
floriculture area. My thesis will focus on
growth of stock material (and subsequent
rooting of cuttings) with different light,
temperature, and ethephon treatments which
will lead to computer modeling applications."
Get acquainted with Neil in room

Anne Graham writes "I am currently pursuing
MS in Soil Science with a minor in
Horticultural Science. With my advisors Jeff
Gillman and Carl Rosen, I am attempting to
reduce phosphorus leaching and runoff from
nursery container grown crops using
phosphorus amended magnetite. I received
my BA in Chemistry from Carleton College in
Northfield, MN. I live in south Minneapolis
with my partner, Beth Wright, our housemate,
Laurie McKiernan, and our three slightly
psychotic cats. I enjoy Scottish country
dancing and contradancing and the
accompanying traditional music, along with
good theater and good vegetarian food."
Anne hangs out in room 380 AlderH so stop
by and say hello.

Nadilia Gomez writes "As an undergraduate
at the University of Panama, I worked at the
Smithsonian Tropical Research Institute and
the Center for Tropical Forest Science. Our
group studied germination and growth
requirements of over 150 native tree species.
I soon learned that very little is known about

the reproductive biology of these plants. In 1998 I started a Masters Degree in the Plant Biology Graduate Program at the University of Minnesota. My thesis focuses on the role of inbreeding in the evolution of mating systems. This year, I began a PhD in the Applied Plant Sciences Graduate Program. I hope to combine my interest in reproductive biology with plant breeding and genetics. As a teaching assistant, I've had the opportunity to improve my teaching skills and be rewarded with excellent students. I've worked with outstanding professors in a wide range of courses including General Biology, Plant Biology, Taxonomy of Minnesota Flora, Plant Function and Plant Propagation. In my free time, I enjoy reading books about plants, weeding my neighbors' gardens and repotting my houseplants." Nadilia's adviser is Neil Anderson and her office is room 440.

All new graduate students are asked to turn in an article about yourself to Evonne by October 5th. I'd like to take your picture for our dept. Rogue's Gallery. Please see me anything from noon to 4 pm on October 4 - Thanks.

ANNUAL TRAVEL AWARDS, 2000-2001, sponsored by Xi Chapter, Sigma Delta Epsilon/Graduate Women in Science. This information is posted across from grad student mailboxes.

OUR DEPARTMENT PARTICIPATES IN

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CASUAL

FRIDAYS

TWIG BENDER

Department of Horticultural Science

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St. Paul, MN 55108

Volume 18, #17, 10/06/00

October 6-8 - Andersen Horticultural Library Book Sale, 10am-4pm, Snyder Building Auditorium, MN Landscape Arboretum. Annual sale of previously read books - thousands of books on hundreds of topics.

Monday, October 9

PBS Colloquium, Usefulness - or lack thereof, of genomics information in selection for a quantitative trait in corn, Rex Bernado, Corn Breeding & Genetics, Agronomy Dept, U of MN, 3:30 pm, 335 BorH.

Plant Pathology Seminar Series, Greenhouse Research with Transgenic Organisms:

Protocols and Principles for Containment, Dann Adair Research Plot Coordinator, 2:45 pm 365 BorH.

Tuesday, October 10

APS Prelim Exam, 8am-4pm, 304 Hayes Hall.

UAC, 2:00 pm, 398 AlderH.

Wednesday, October 11

COAFES Career Day 2000, SPSC Northstar Ballroom - over 50 companies will be present and the representatives are eager to visit with students and faculty. A complete listing of employer participants can be found at: www.coafes.umn.edu/career Click on students, then on Career Day.

Friday, October 13

COAFES Scholarship Reception, 3-5:30, EBC.

WELCOME.....

Karin Kettenring writes "I grew up in NJ and got my BA in biology in '98 from Oberlin College in Ohio. Since graduation I have been traveling and working short term field ecology

jobs. My adventures have taken me to Zion National Park, the Mojave Desert outside Las Vegas, Negev Desert in Israel, and most recently Archbold Biological Station in south Florida. In my free time I love playing ultimate frisbee and have recently joined a women's club team in Minneapolis. In addition I enjoy running, hiking, and just about any other sport that comes my way. I've played classical violin and viola for most of my life and have recently developed an interest in Irish fiddle music. I am working on my Ph.D. with Sue Galatowitsch in Applied Plant Sciences with a focus on the restoration of sedge meadows. My project is still in the initial development stage so stay tuned...." Karin is in room 266 so stop by and say hello. **Julie Weisenhorn** writes "I took a BA from Gustavus, an MA in Visual Communication from the U, and 12+ years in marketing to make me wake up and smell the coffee - this was not the career for me! After a few years as a master gardener and prowling around the Arboretum, I decided to return to school at the U and pursue the Master of Ag in Hort program. My husband, Karl, deserves a huge amount of the credit for encouraging and supporting me in this endeavor. I enjoy problem-solving and working with the public sector, so I chose the route of extension education with an emphasis on Minnesota woodland plants and began classes this fall. My advisor is Mary Meyer. It's been very interesting to come back to school as an older student - I am a much better time manager. The most significant change since my previous stint at the U has been the establishment of the Internet as a great research and communication tool. I live out in Mound by Lake Minnetonka, and enjoy boating, camping, gardening (of course), cooking,

and making music in my free time." Thank you Julie and stop by so I can take a picture of you for our Rogue's Gallery. (Evonne)

Gretchen Hatch writes I recently completed my baccalaureate degree at the U of MN with majors in Horticulture and English (writing emphasis), and am now working on my MS in Horticulture with a minor in either Soil Science or Sustainable Agriculture. My research will focus on evaluating the performance of chilling tolerant tomato varieties when grown in conjunction with a cover crop. My husband, Dylan, and I live in a little house in North Minneapolis, which we are in the process of remodeling. Someday we will have a big kitchen, but right now, we have a big hole! When I'm not studying or working on the house, I enjoy swimming, writing, dancing, bird watching, and taking long walks with our dog Flower." Gretchen's office is room 266 Alderman and her adviser is Bud Markhart.

Danielle Posch writes " I grew up in a small town in the Willamette Valley of Oregon on a 60 acre farm. I attended Oregon State University and received my Bachelor of Science in Crop and Soil Science, June of 2000. My research area is breeding methods for early selection of late blight resistance in potatoes. In my free time I enjoy hiking, camping, and rock climbing. I also like to read a good book and listen to music." Say hello to Danielle in room 367 - her adviser is Christian Thill.

I want to thank all the new students who allowed me to take their picture before the Seminar Kick Off/Get Acquainted Party this past Wednesday. They should be ready to select a pose by Monday or Tuesday. Come see me. I would also like pictures of Master of Agriculture/Hort students. Come see me by October 13th. Thank you. Also don't forget about the grad students lounge (358) designated for your use - if you need the door combination, see Kathy or Evonne.

KUDOS to Karen Jeannette who successfully completed her MS this week.

MISSING - whomever took the orange hot mitts from Room 277 (disappeared from the Flower Breeding & Genetics Lab hood area on 10/3 or 10/4/00) to use for removing autoclaved items please return them immediately. They are both marked "ICL" on the outside of the mitts. Thanks, Neil Anderson.

SCHOLARSHIP OPPORTUNITIES

The Sixth District of the Minnesota Horticultural Society have two awards in the amount of \$500 each for students or parents of the student applicant who live in the 12 counties of that 6th District: Aitkin, Benton, Cass, Crow Wing, Kanabec, Mille Lacs, Morrison, Pine, Sherburne, Stearns, Todd and Wadena. See Evonne for application. Deadline: December 15, 2000

TOCA (Turf and Ornamental Communicators Association) will award two \$1,000 for students pursuing a degree in the green industry communications, or a related field. TOCA is comprised of editors, writers, photographers, public relations practitioners and other involved in green industry communications. See Evonne for application. Deadline: March 1, 2001.

**WEAR
MAROON
&
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ON
CASUAL
FRIDAYS**

TWIG BENDER

Department of Horticultural Science

305 Alderman Hall

St. Paul, MN 55108

Volume 18, #18, 10/13/00

Monday, October 16

APS - no seminar - attend Wednesdays Plant Path Grad Student Symposium.

Tuesday, October 17

Woody Pl Br Search Committee, 8:30-10:00am, 310 AlderH.

Dept FCC, 2:15-3:20pm, 398 AlderH.

PBS Colloquium, Functional genomics of the model legume *Medicago truncatula*: Analysis of ESTs associated with plant-microbe interactions, Maria Fedorovo, PostDoc Res.Assoc., 3:30 pm, 335 BorH.

Wednesday, October 18

Hort Faculty Meeting, 1:00 pm, 310 AlderH.

Plant Path Graduate Student Symposium, Genomics and Bioinformatics in Plant Pathology, 8am - 5pm, SPSC MN Commons. Hort faculty & grad students are encourage to attend as replacement for Hort Seminar. www.plpa.agri.umn.edu/~shawnb/

SWC Seminar, A View from the Pits, Dr. Dick Rust, 3:00 pm, 375 BorH.

Thursday, October 19

COAFES Shadowing Day - prospective students will be visiting Plant Propagation Lecture; John Erwin will tour them around our facilities.

LOOKING AHEAD....

Nov 7 - UAC - 2pm,

WELCOME... I am looking for news in my Welcome column....

I want to encourage all new graduate and Master of Ag/Hort students to have their picture taken for our dept Rogues Gallery. I will have my camera here one more week so see me by October 20th. Thank you. Evonne

SCHOLARSHIP OPPORTUNITIES

Minnesota Nursery & Landscape Association Awards - for students who want to work in the nursery & landscape industry - see Evonne for application - deadline Nov 3 at 4:00pm.

American Floral Endowment Internship & Scholarship is for students in floriculture /horticulture programs. Deadline: November 1 or March 15 - www.endowment.org

Garden Writers Foundation - for students in their junior or senior year, full-time, majoring in Horticulture, Plant Science or Journalism, with an interest in garden communications, including garden photography. Applications must be postmarked January 1, 2001.

All three scholarship opportunities are posted on bulletin board, 3rd floor Alderman Hall.

*DISCOUNT COUPONS - see Laura Kalisch for coupons worth 25% discount on your favorite U of M or Gopher sweatshirt, t-shirt, polo or jacket at the U of M Bookstores to celebrate the **MAROON & GOLD CASUAL FRIDAYS***

TWIG BENDER

Department of Horticultural Science

305 Alderman Hall

St. Paul, MN 55108

Volume 18, #20, 10/25/00

Monday, October 30

APS Seminar, Jenipher Bisikwa, APS Grad Student, 3:30-4:30 pm, 306 BorH.

Tuesday, October 31

Dept FCC, 2:15-3:25 pm, 310 AlderH.

PBS Colloquium, Corby Kistlern, USDA-ARS, Fungal Geneticist, Cereal Disease Lab, 3:30 pm, 335 BorH.

Wednesday, November 1

Hort Seminar, Evaluation and Characterization of Woody Plants and Floral Crops, Dr. Mark Roh, USDA-ARS, 3:30 pm, 310 Alderman. Contact Laura Kalisch (4-3039) to schedule a time to meet with Dr. Roh.

Plant Path E.C.Stakman Award Lecture, Powdery Mildew of Barley: A Model System for Host-parasite Interaction, Dr. William R. Bushnell, 3:15 pm-reception, 4:00 pm-Lecture, 306 BorH.

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UPCOMING -

November 13 - Growth and Development Prelim members will discuss their October 10th question at 4:30 pm immediately following the APS seminar.

KUDOS - to Carol Hough, one of our Master of Agriculture/Horticulture students, on a play she has written called, "Minnesota Wicked". It will be read on November 9 at the Rarig Center, 7:00 pm.

SCHOLARSHIPS/FELLOWSHIPS

The Garden Club of America announces undergraduate awards for summer environmental studies and summer scholarships in field botany (posted on Alderman Hall 3rd floor lobby bulletin board). Many opportunities:

- 1) The Rome Prize Fellowship in Landscape Architecture
- 2) The GCA Interchange Fellowship & Martin McLaren Scholarship (Stephanie Jutila received this scholarship in 1999 and currently in England for a year)
- 3) The Katharine M. Grosscup Scholarship
- 4) The GCA Awards in Tropical Botany
- 5) The Catherine H. Beattie Fellowship
- 6) The Frances M. Peacock Scholarship for Native Bird Habitat
- 7) The Anne S. Chatham Fellowship in Medicinal Botany
- 8) The Loy McCandless Marks Scholarship in Tropical Ornamental Horticulture
- 9) The GCA Award in Coastal Wetlands Studies
- 10) The Douglas Dockery Thomas Fellowship in Garden History and Design
- 11) The GCA Fellowship in Ecological Restoration

**MAROON & GOLD
CASUAL FRIDAYS**

TWIG BENDER

Department of Horticultural Science
305 Alderman Hall
St. Paul, MN 55108
Volume 18, #21, 11/3/00

Monday, November 6

Campaign Minnesota Kickoff, 3:00 pm, McNamara Alumni Center. Come help celebrate with entertainment, complimentary hors d'oeuvres and beverages, a brief program and video.

Tuesday, November 7

PBS Colloquium, Molecular Mechanisms of Floral Patterning, Dr. Detlef Weigel, Salk Institute, San Diego, CA, 3:30 pm, 335 BorH.

Wednesday, November 8

Hort Seminar, Antitranspirants as Pre-Treatment for Stock Plants to Promote Adventitious Rooting, Susan Switras, 3:30 pm, 310 AlderH.

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UPCOMING -

November 16 - COAFES Priority Planning Discussion, 11:30am-1:30 pm, SPSC North Star Ballroom

November 16 - Office of International Agricultural Programs Seminar, The Russian Farm Community Project "Couldn't Be Better", Vern Freeh, 3:00 pm, 365 Haecker.

December 11 - Graduate School's Commencement Ceremony, 7 pm, Northrop Auditorium.

January 17, 2001 - Leader Quest Leadership Development Program will once again begin a new semester of challenging students to rise above themselves and climb the ladder of excellence. Through each of the various

programs, it is their mission to assist students in developing personal and career leadership skills. LeaderQuest is the parent program to HonorQuest, Speaker-Quest, and the Siggelkow all-campus leadership retreat. FMI: www.tc.umn.edu/~siggel/LeaderQuest/home.html

LETS SEE MORE

MAROON & GOLD

ON

CASUAL FRIDAYS

TWIG BENDER

Department of Horticultural Science
305 Alderman Hall
St. Paul, MN 55108
Volume 18, #23, 11/17/00

Monday, November 20

APS Seminar, Genetic analysis of agronomic and quality traits on chromosome 5B of *Triticum dicoccoides*, Jose L. Gonzalez, 3:30 pm, 306 BorH.

Tuesday, November 21

UAC, 2:00 pm, 398 AlderH.

PBS Colloquium, Susan Wick, 3:30 pm, 335 BorH.

Wednesday, November 22

No Hort Seminar

Thursday, November 23

Thanksgiving Holiday - no classes

Friday, November 24

Thanksgiving Holiday - no classes

UNDERGRADUATE & GRADUATE STUDENTS enrolled in COAFES & Arch & Land Arch are admitted free to the Minnesota Landscape Arboretum. This does not apply to family members or guests. This also applies to hort faculty & staff.

UPCOMING -

Nov 30 - Woody Landscape Plant Breeding & Genetics Candidate Seminar, Dr. Stan Hokanson, 9:30 am, 310 AlderH.

November 27, 4:30 - discussion of October 10th prelim question on Plant Responses to Biotic and Abiotic Stress. Discussion led by K. Smith, Gillman, Markhart). Everyone welcome!

SWEATSHIRT WINNER - Serena Sjolund - Congratulations!!

VACANCY ANNOUNCEMENT - Coordinator of Community Gardens, U.S.National Arboretum, Washington, D.C. Application deadline: December 15, 2000.

TA needed for Spring 2001, Plant Propagation - see Bud Markhart.

FLOWER JUDGING TEAM - any interested students who want to be part of a flower judging team, see Neil Anderson. We need 2-3 more students. The National Competition is in CA in early April. It's a lot of fun and you can get credit for participating!

WHY AGING ISN'T SO BAD:

- Kidnappers are not very interested in you
- People no longer view you as a hypochondriac
- Your secrets are safe with your friends because they can't remember them either
- Your supply of brain cells is finally down to a manageable size
- No one expects you to run into a burning building
- There's nothing left to learn the hard way
- Your joints are more accurate than the National Weather Service
- In a hostage situation, you are likely to be released first

BIG DEDUCTIBLE

Little Ole, who wanted \$100 very badly, prayed and prayed, for two weeks, but nothing happened. Then, he decided to send God a letter requesting the \$100. When the postal authorities received the letter addressed to "God, U.S.A." they decided to send it to the White House. The President was so impressed, touched and amused that he instructed his secretary to send Little Ole a \$5 bill, as he thought this would appear to be a lot of money to Little Ole. Little Ole was delighted with the \$5 and immediately sat down to write a thank you note to God which read: "Dear God: Tank yew very much for sending me da money. However, I noticed for some reason yew had tew send it trew Vashington, and as usual; dey deducted \$95.

HAVE A GOOD HOLIDAY

TWIG BENDER

Department of Horticultural Science
305 Alderman Hall
St. Paul, MN 55108
Volume 18, #24, 12/01/00

Monday, December 4

APS Seminar, Teosinte to Corn: Effects of Domestication on Maize Genes, Kelley Belina, APS grad student, 3:30 pm, 306 BorH.

Tuesday, December 5

PBS Colloquium, Indole-3-acetic acid modified proteins in plants, Jerry Cohen, 3:30 pm, 335 BorH.

Wreath Making sponsored by Hort Club, 4:00 pm, 423 AlderH - open to everybody - make one wreath for yourself and one for the club.

Wednesday, December 6

Poinsettia Sale put on by Hort Club, 9:00am-4:00pm (or til plants are all sold), SPSC.....BUY HORT CLUB POINSETTIAS

Hort Seminar, Communicating with the Gardening Public, Deb Brown, 3:30 pm, 310 AlderH.

Dec 6,7,8 - Minnesota Turf & Grounds Foundation Conference & Trade Show, Minneapolis Convention Center. Keynote Sessions include: "Too Busy Making a Living to MAKE A LIFE?", "Insecticides a la mode", "Capturing the Power of TEAM".

LOOKING AHEAD.....

Dec 12 - FCC, 2:15-3:25pm, 398 AlderH.

Dec 13 - Final Hort Seminar and Potluck beginning at 11:30 am

Dec 13 - Faculty Meeting 1:30-3:30pm

Dec 13 - GSC, 3:30-5:00pm

Dec 15 - COAFES Faculty Assembly, 2-4pm, SPSC Theatre.

NOT TO BE MISSED - "Celebrate the Holidays at the Minnesota Landscape Arboretum" - Arbor Lights - November 2 - January 6. Check out their web site at www.arboretum.umn.edu

MAROON & GOLD

CASUAL FRIDAYS

TWIG BENDER

Department of Horticultural Science
305 Alderman Hall
St. Paul, MN 55108
Volume 19, #01, 01/18/01

Monday, January 22

APS Seminar, A High Throughput Screen to Identify Cell Wall Mutants of Maize and Arabidopsis, Nicholar C. Carpita, Professor of Developmental Physiology, Department of Botany & Plant Pathology, Purdue University, 3:30 pm, 306 BorH.

Last day for undergraduates and students in professional degree programs to apply for spring semester graduation.

Tuesday, January 23

PBS Colloquium, Contribution of the lichen symbiosis to the diversification of ascomycetes: A new approach to determining confidence levels for ancestral character states, Francois Lutzoni, Department of Botany, The Field Museum of Natural History, Chicago, IL, 3:30 pm, 335 BorH.

UAC, 10:30-12:00 noon, 398 Alderman Hall.

KUDOS to Harold M. Pellett who was awarded The Garden Club of America *Medal of Honor* for outstanding service to horticulture. He was proposed by the St. Paul Garden Club, and was chosen over a number of other prestigious candidates. Harold will accept this distinguished award in person at the annual Awards Dinner at Disney's Yacht and Beach Club Resort in Orlando, Florida on May 8, 2001.

STUDENTS - the Federated Garden Clubs of Minnesota announces scholarships available to Juniors, Seniors or graduate students who are majoring in horticulture, floriculture,

landscape design, conservation, forestry, agronomy, botany, biology and/or other related subjects with a minimum GPA of 3.0. For university students, the monetary award is \$350, and they select one application to be forwarded to their national headquarters for a possible national scholarship of \$3,500 awarded in May, 2001. Deadline: March 1, 2001. See Evonne in room 305 Alderman Hall for application.

PROCEEDINGS AVAILABLE - the following conference/symposium proceedings are available free from the Center for Alternative Plant and Animal Products: National Symposium on Stand Establishment for Horticultural Crops (1990), Extending Sustainable Systems (1990), Grain Legumes as Alternative Crops (1987), Wood Based Economic Development in the Lake States (1990), Strategies for Alternative Crop Development: Case Histories (1988). If you would like a copy of any or all of these publications, stop by 352 Alderman Hall to pick them or or email Bethany at david025@umn.edu to request a copy be put in your maibox.

MAROON & GOLD

CASUAL FRIDAYS

TWIG BENDER

Department of Horticultural Science
305 Alderman Hall
St. Paul, MN 55108
Volume 19, #02, 01/26/01

Monday, January 29

Plant Molecular Genetics Seminar, Trichomes and other important stuff, Dr. David Marks, Dept of Biology, 12:00 noon, 239 Gortner Lab, cookies & beverages provided.

APS Seminar, Cowpea genotypes: Seedling emergence and growth as influenced by matriconditioning and soil moisture, Raymond Thomas, graduate student, Horticultural Science, 3:30 pm, 306 BorH.

Conservation Biology Seminar, Australian Environmental Policy: Issues, Approaches, and Agendas, Dr. Kate Crowley, Program Head, Public Policy, University of Tasmania, 4-5pm, 198 McNeal Hall.

Enology Project Leader Candidate Seminar, Wine possibilities with Marechal Foch, Robin Partch, 4:30 pm, 310 AlderH.

Tuesday, January 30

Entomology Seminar, Assessing the Establishment of Apthona Flea Beetles Released to Control Leafy Spurge, *Euphorbia esula* in Minnesota (Research Proposal), Luke Skinner, 3:00 pm, 310 AlderH.

PBS Colloquium, Rice tungro bacilliform virus and banana streak virus: two badnaviruses with very different life styles, Dr. Roger Hull, John Innes Centre, Norwich, England, 3:30 pm, 335 BorH

Wednesday, January 31

Hort Dept Seminar, A dialogue of the CM6 research and a laboratory selection technique

for improving corn productivity in cold and drought environments, Paul H. Li, Horticultural Science, 3:30 pm, 415 AlderH

Saturday, February 3, U of M Bell Museum of Natural History presents ScienceFest 2001, 10am-3pm, corner of University Ave and 17th Street - FREE for all University staff, faculty, and students and their families. Experience the fun of scientific discovery through hands-on activities and demonstrations - volunteers from across the community and campus will be on hand to peak your curiosity with live birds of prey, volcanoes, hi-tech hearts, slime, lego robots, paper making, skeletons, live amphibians and reptiles, microscopes, and more!

FLORICULTURE STUDENTS - applications are now being accepted for the Joseph Shinoda Memorial Scholarship Foundation Awards. Deadline to apply: March 30, 2001 - see Evonne Kuyper in 305 Alderman for more information.

GRADUATE STUDENTS - Hamm Memorial Scholarship application deadline is March 1, 2001 - see your advisor for details.

INTERNSHIPS at Longwood Gardens available - deadline to apply starting in June is Feb 1 and to start in September is May 1. Check the web site: www.longwoodgardens.org or e-mail them at studentprograms@longwoodgardens.org

over

BIOMEDICAL GRAPHICS TO CLOSE - with declining business and losing much business due to customer technology capabilities, Biomedical Graphics is closing March 23. FMI - check bulletin board across from faculty mailboxes.

FACULTY - who receive sponsored grant funds are required to attend two sessions of RCR (Responsible Conduct for Research) workshops. Part I - Protecting human subjects, basic level and Part II - Responsible conduct of research first part.

Implementation date is March 19. Notice about the implementation is included in the January Research Review:

<http://www.ospa.umn.edu/resrev.htm>

EVERYONE WELCOME - CBS Dean Robert Elde, DBS alums and orchid enthusiasts for an evening of orchids and networking. "Exploring Orchids: How we love 'em and why we kill 'em". It will be held at Wood Lake Nature Center, Richfield, Thursday, Feb 8 from 6-9 pm, RSVPs are encouraged: pgermsch@cbs.umn.edu

CONFERENCE - 2001 Teaching and Learning Conference, February 15-16, Radisson Hotel South, Bloomington. "Engaged in Learning: Building Student Responsibility through Active Learning". Registration is on a first come first served basis.

GROWING OLD

"It's no longer a question of staying healthy. It's a question of finding a sickness you like."
Jackie Mason

Age doesn't always bring wisdom. Sometimes age comes alone.

"Age is an issue of mind over matter. If you don't mind....it doesn't matter. Mark Twain
Age only matters if you're cheese.

I am sitting here thinking how nice it is that wrinkles don't hurt.

If you laugh a lot, when you get older your wrinkles will be in the right places.

MAROON & GOLD

CASUAL FRIDAYS

TWIG BENDER

Department of Horticultural Science
305 Alderman Hall
St. Paul, MN 55108
Volume 19, #03, 02/2/01

Monday, February 5

Plant Path Seminar, Transgenic Plants and Tropical Agriculture, Roger Hull, John Innes Centre, Norwich, UK, 3:00 pm, 365 BorH.

APS Seminar - no seminar

Tuesday, February 6

Entomology Seminar, Neuromodulatory Effect of Octopamine I nthe Olfactory System of the Honeybee *Apis mellifera* L. (Research Proposal), Roco Ross, 3:00 pm, AlderH.

Enology Project Leader Candidate Seminar, Research and Commercial Wine in the Making, Santiago Martinez, 4:30 pm, 310 AlderH.

Wednesday, February 7

Hort Dept Seminar, An Overview - Landscape Design, Implementation & Management Emphasis, Brad Pedersen, 3:30 pm, 405 AlderH.

Thursday, February 8

Plant Development Biology & Genomics candidate seminar, Molecular Characterization of Iron Deficiency Responses in Arabidopsis, Dr. Elizabeth Rogers, Dartmouth College, Hanover, NH, 3:30 pm, 33 McNeal

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KERMIT OLSON RECEPTION & LECTURE - is scheduled for April 24th - mark your calendars now.

U of M Sesquicentennial - help celebrate the 150th birthday. Founders Week is February 18-25. Be sure to show your Gopher pride and spirit on Minnesota Maroon & Gold Day, February 23 (Friday). Visit the Sesquicentennial website for more details regarding Founders Week activities.
<http://www1.umn.edu/sesqio>

OPENING THIS FALL - a new Agricultural and Food Sciences Academy in St. Paul (north of Hwy 36 on Rice Street). The academy will offer general high school courses and advanced coursework in agricultural sciences, food sciences, and natural resources. The high school will have a close working environment with the University of Minnesota, the State Fair, and metropolitan agribusinesses. Enrollment is free and open to all students. Check out the website:
<http://www.agriculturalandfoodsciencesacademy.state.mn.us/>

THAT'S ALL FOLKS

MAROON & GOLD

CASUAL FRIDAYS

TWIG BENDER

Department of Horticultural Science

305 Alderman Hall

St. Paul, MN 55108

Volume 19, #04, 2/12/00

Monday, February 12, 2001

APS Seminar schedule speaker will be: Karin Kettenring. APS Graduate Student in Horticultural Science, "Effects of herbivory on plant fitness and demography with implications for endangered species.

PMG Seminar: Dr. Peter Lefebvre, Dept. of Genetics, Cell Biology, & Development, 12:00 Noon, 239 Gortner Lab, "The Chlamydomonas Genome Project-Why and How."

Tuesday, February 13, 2001

UAC meeting, room 398 Alderman Hall, 10:30

Plant Biology Candidate for Plant Development Biology & Genomics Positions, 3:30 p.m., 335 Borlaug Hall, "Mutations preventing paramutation also disrupt transgene silencing!"

Graduate Student Orientation to the St. Paul Campus Libraries Session 1 – 12:30 to 1:30 pm. What the Library can do for you, effective searching, finding the best info, beverages and cookies served beginning at 12:00.

ISEES Reception. Dr. Kate Crowley, ISEES Visiting Scholar, Dr. Crowley is Program Head of Public Policy at the School of Government, University of Tasmania, Australia. Reception is in 186 McNeal Hall, February 13, 2001 at 4:00

Wednesday, February 14, 2001 Department Chili Potluck. In Room 310 Alderman Hall. Bring a pot of chili-enough for 8 or be in the supporting cast and bring chili food (see e-mail from week of 2/5) or call Kathy, 4-4742. 12:00 we eat, 11:30 we set up.

Faculty Meeting, Room 310 Alderman Hall, 1:00 to 3:30.

Hort Department Seminar, 310 Alderman Hall, 3:30. Refreshments will be served. Julie Kelly, Librarian, Magrath Library, St. Paul Campus, "Update on Electronic Resources and Services of the University Libraries".

Thursday, February 15, 2001 Graduate Student Orientation to the St. Paul Campus Libraries.

Session 2, 12:30 – 1:30 pm. Hands-on practice with library resources. Learn to efficiently use MNCAT and selected article indexes, and practice advanced Web searching skill. Magrath electronic classroom, in the Reference area (no lunches)

COAFES is offering a series of safety sessions for all St. Paul campus & Research & Outreach Center staff, faculty, and students. Contact Craig Moody (4-4399) for information and possibly to arrange for sessions for Health and Safety Training for 2001,

AHEAD

Sesquicentennial-Help the U of M celebrate our 150th Birthday. Founder's week is February 18-25. Be sure to show your Gopher pride and spirit on Minnesota maroon and Gold Day, Friday, February 23. Visit the website for more info:<http://www1.umn.edu/sesqui/>

An Enology Candidate will give a seminar on February 26, 2001, in room 310 Alderman Hall, 4:30 – 5:30. Refreshments will be provided. More information later regarding name and title.

March 1, 2001, 3:30 p.m. Plant Biology Candidate for the Plant Developmental Biology and Genomics Position. 33 McNeal Hall. Dr. Sidney L. Shaw, Dept of Biology, Stanford U, "Polar growth of root hairs and the interaction with symbiotic bacteria".

Kermit Olson, April 24, 2001. Dr. Al Cox of The National Tropical Botanical Garden will be the Kermit Olson Memorial Lecturer. Plans are moving forward for the lecture. Kathy may need some help with set-up, handouts and AV plus clean-up. Thanks in advance.

Evonne Kuyper is on vacation Friday and Monday.

Happy Monday, and have a great week!!

TWIG BENDER

Department of Horticultural Science

305 Alderman Hall

St. Paul, MN 55108

Volume 19, #05, 02/16/01

Monday, February 19

Dept Scholarship Committee, 1-3pm, 398 AlderH.

Plant Path Seminar, A GIS Analysis of Ecogeographic Variation and the Distribution of Genetic Diversity and Germplasm Needs, 3:00 pm, 365 BorH.

APS Seminar, Agricultural Intensification and the Land Crisis in Chiapas, Mexico: Trends in Soil Fertility and Fallows, Julie Grossman, APS Grad Student, 3:30 pm, 306 BorH.

Tuesday, February 20

MTGF Meeting, 7-10 am, 310 AlderH.

Entomology Seminar, Monarch Butterfly Larvae and Corn Fields: Assessing Ecological Risks of Bt Corn, Karen Oberhauser, Dept of EEB, 3:00 pm, 310 AlderH.

Wednesday, February 21

Hort Club Meeting, 5-6pm, 310 AlderH.

MISA Seminar, Food Systems Issues Affecting Cooperatives, Maury Miller, Cenex Harvest Systems, 12 noon, 306 BorH.

Special Seminar, Weeds of Cropping Systems in Southern Australia: Issues and Research Agenda, Dr. Clare Murphy, NSW Agriculture, Wagga Wagga NSW Australia, 1:30 pm, 306 BorH. Sponsored by Don Wyse, Agronomy & Plant Genetics.

Hort Dept Seminar, Challenges and Opportunities in Maintaining and Improving Our Web Resources, Steve A. Gillard, COAFES Information Technology Manager, 3:30 pm, 405 AlderH.

Thursday, February 22

Yard & Garden Meeting, 10-12noon, 310 AlderH.

Grad Club Meeting, 12 noon, 310 AlderH.

Friday, February 23

U of M Sesquicentennial Celebration - show your Gopher pride and spirit by wearing Maroon and Gold!!!

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KUDOS to David Zlesak who placed 2nd in the graduate student awards for his research (*Trifluralin-Mediated Chromosome Doubling of Rosa chinensis Minima Voss Seedlings*) at the MNLA Conference last month.

ANNOUNCING - the Department of Horticultural Science, University of Minnesota has nominated Susan Wilkins for the ASHS 2001 Outstanding Horticulture Student Recognition. Congratulations!!

GRANDMA Kuyper is leaving Feb 21 to visit her new & 1st grandson, Logan Gilbert Kuyper, in Bakersfield, CA. Logan was born Feb 11 at 8 lbs, 11 oz to Jason & Heather Kuyper.

INTERNSHIP - Winterthur Garden & Library (Winterthur, Delaware, in the Brandywine Valley) is looking for eight interns to serve roughly from the beginning of June through the end of August. They are looking for six horticulture interns, one arboriculture intern, and one horticulture/Enchanted Woods intern for their children's garden. The internship includes a class, field trips, and scheduled plant talks as well other activities. Applications are due March 31. For information contact Patricia Pleva, Horticulture Program Coordinator at appleva@winterthur.org

STOP IT'S THE LAW - a driver must stop when a pedestrian is in a crosswalk - however and HELLO - "A pedestrian must not enter a crosswalk if a vehicle is approaching". I encourage people to look both ways before entering a crosswalk especially when it is icy and automobiles cannot stop on a dime.

WASTE AT U OF M - I know we can each do our part and I want to offer a small suggestion - look in your desk drawers and return all those extra pens and pencils that you have accumulated over time - bring them to Kathy for our Re-use Center.

STEP AHEAD - Lena sent Big Ole to the grocery store one day. This did not make Big Ole very happy! To make things worse there was a very long line and it seemed like hours before Ole finally reached the check-out counter. Just at that moment a young man stepped up to Big Ole. "Mind if I go ahead of you?" he asked politely. "I just have one can of dog food." "Goodness, no," roared Big Ole. "If yer dat hungrey, yust go right ahead!!"

UNIVERSITY OF MINNESOTA MAROON & GOLD DAY - Wear your maroon and gold on Friday, February 23, 2001 in honor of the University's 150th birthday. Celebrate the U of M's birthday in Gopher style and help create great birthday memories for underprivileged children throughout Minnesota. The U of M Bookstores, University Relations and General Mills want to spread birthday wishes across the state by creating birthday bundles. Each birthday bundle will contain a cake mix, can of frosting, candles and a small gift for a child. General Mills has donated 1000 cake mixes and 1000 cans of ready to spread frosting, and we are asking students, staff, faculty and alumni to help by donating gifts to complete the bundles. The U of M Bookstores will give anyone who brings in a gift for a child on Friday, February 23 a 25% discount on their choice of a maroon and gold clothing item. Customers who want to participate via our Web site at <http://www.bookstore.umn.edu> or 800 number at 1-800-551-UofM can make a cash donation for a children's gift and then they will receive their discount. The following Bookstore locations will serve as drop sites for this

project: East Bank Store in Williamson Hall, West Bank Store in Blegen Hall, St. Paul Store in the St. Paul Student Center, Health Sciences Store in Moos Tower.

THAT'S ALL FOLKS

EVERY FRIDAY IS

MAROON & GOLD

CASUAL FRIDAYS

TWIG BENDER

Department of Horticultural Science

305 Alderman Hall

St. Paul, MN 55108

Volume 19, #05, 2/23/00

Monday, February 26, 2001

Enology Candidate Seminar Ms. Ann Katharine Mansfield, "The effects of processing methods and selected micro-organism on wine aroma and flavor." 310 Alderman Hall, 4:30 to 5:30

Applied Plant Sciences Seminar Series -Nick Schneider, APS Graduate Student "Management decisions utilizing glyphosate tolerant crops." 3:30-4:30, 306 Borlaug Hall.

Digital Media Center presents A DMC Faculty Fellowship Program Feature Event. Charles D.Dziuban & Patsy D. Moskal "Five Years of Research on Distributed Teaching and Learning." Shepherd Room Weisman Art Museum, Minneapolis East Bank, 2:30-4:00

Tuesday, February 27, 2001

Entomology Seminar, Ken Ostlie, Entomology Faculty, "Sifting through the Dirt on Corn Rootworms, Insecticides and Transgenic Corn." 310 Alderman Hall, 3:00 to 4:30.

Plant Biology Candidate for Evolutionary Biology Position, Dr. Todd Vision, "Comparative and evolutionary genomics: Arabidopsis and beyond", Room 335 Borlaug Hall. Chalk Talk with Dr. Vision is Feb. 28, 2001, in 239 Gortner Lab at 1:15.

Wednesday, February 28, 2001

FCC meeting, Room 310 Alderman Hall, 1:30 to 3:20.

Hort Department Seminar, 310 Alderman Hall, 3:00-4:30. Dr. Donald White, Dept of Hort. Sci. "To Be Announced".

Thursday, March 1, 2001

COAFES is offering a series of safety sessions for all St. Paul campus & Research & Outreach Center staff, faculty, and students. Contact Craig Moody (4-4399) for information and possibly to arrange for sessions for Health and Safety Training for 2001.

Plant Biology Candidate for the Plant Developmental Biology & Genomics Position. 33 McNeal Hall. Dr. Sidney L. Shaw, "Polar growth of root hairs & the interaction with symbiotic bacteria."

IT'S HERE, IT'S HERE !

Sesquicentennial-Help the U of M celebrate our 150th Birthday. Founder's week is February 18-25. Be sure to show your Gopher pride and spirit on Minnesota maroon and Gold Day, Friday, February 23. Visit the website for more info:<http://www1.umn.edu/sesqui/>

Looking ahead:

Monday, March 5, 11:00, 398 Alderman Hall, Civil Service Awards Committee Meeting

Kermit Olson, April 24, 2001. Dr. Al Cox of The National Tropical Botanical Garden will be the Kermit Olson Memorial Lecturer.

Twig Notes:

Worker needed! Anyone interested in a part-time job for 1 year, read on. . . . A worker is needed to grow cut flowers and test anti-ethylene and anti-*Botrytis* compounds; 12 hours per week, flexible hours. If interested, see Neil Anderson.

Graduate Students – Hamm Memorial Scholarship application deadline is March 1, 2001 – see your advisor for details.

Evonne Kuyper is on vacation back March 5, 2001.

TWIG BENDER

Department of Horticultural Science
305 Alderman Hall
St. Paul, MN 55108
Volume 19, #07, 03/09/01

Monday, March 12

Plant Path Seminar, Port Orford Cedar Root Rot: Integrating Biology, Management and Public Involvement, Andrea Morse, Grad Student, 3:00 pm, 365 BorH.

APS Seminar, Is Peat a Renewable Resource? The Challenges of Restoring Mined Peatlands, Karina Zambreno, APS Grad Student, 3:30 pm, 306 BorH.

Plant Molecular Genetics Seminar, Anatomy of a Transport Pore: The Agrobacterium T-DNA Transfer Apparatus, Dr. Anath Das, 12 noon, 239 Bortner Lab.

Tuesday, March 13

Plant Biology Candidate for Plant Developmental Biology & Genomics Positions CHALK TALK, Dr. Jane Dorweiler, University of Arizona, 1 pm, 239 Gortner Lab

Special Seminar, Plant Biology Candidate for Plant Developmental Biology & Genomics positions, Mutations preventing paramutation also disrupt transgene silencing, Dr. Jane E. Dorweiler, University of Arizona, 3:30 pm, 335 BorH.

Entomology Seminar, Site Specific Management of the Green Peach Aphid (research proposal), Matthew Carroll, 3:00 pm, 310 AlderH.

Wednesday, March 14

Dept. faculty meeting, 1:00 pm, 310 AlderH.

Hort Dept Seminar, Accommodating Students with Disabilities: Universal Instructional Design & Curriculum Transformation, Neil Anderson, 3:30 pm, 405 AlderH.

Thursday, March 15

COAFES Associate Dean for Academic Programs Candidate Public Forum, Vision & Leadership for Academic Programs in the College Of Agricultural, Food, and Environmental Sciences in 2010, Dr. Louise Wicker, Dept. of Food Science & Technology,

University of Georgia, Athens, 10:30 am, SPSC Theatre.

Special Seminar, Plant Biology Candidate for Evolutionary Biology Positions, Evolution of Plant Defense to Herbivores and Pathogens: Insights from Organismal and Molecular Approaches, Dr. Peter Tiffin, University of California, Irvine, 3:30 pm, 33 McNeal.

ANNOUNCING NEW CLUB OFFICERS FOR 2001/2002

TURF CLUB

President	Andrew Carlson
Vice President	Mike Manthey
Secretary	Neil Roberts
Treasurer	Mike Bratvold
Chapter Liaison	Paul Wichmann
	Justin Funk
Faculty Adviser	Dr. Donald White

Hort Club

President	Paul Wichmann
Vice President	Jessica Vieths
Secretary	Tammy Jennissen
Treasurer	Julie Weiland
Greenhouse Manager	Tamara Basara
Historian	Tara Dibble

CONGRATULATIONS!!!!

SPECTROPHOTOMETER USERS!! The visible light source has been left turned ON recently on the spectrophotometer (on the second floor) and, the guilty user(s) have also not logged into the log book. REMEMBER to log into the log books for any equipment that you are using in other people's labs and DO NOT leave the equipment on after you have finished with it. Please pass this information on to your undergraduate and graduate students who may be working in your projects. Thank you. Neil Anderson

over

TWIG BENDER

Department of Horticultural Science
305 Alderman Hall
St. Paul, MN 55108
Volume 19, #08, 03/16/01

DEPT SEMINARS & MEETINGS

Monday, March 19

APS Prelim Exam, 8:30-4:30, 304 Hayes.

COAFES Associate Dean for Academic Programs Candidate Public Forum, Vision & Leadership for Academic Programs in the College Of Agricultural, Food, and Environmental Sciences in 2010, Dr. Billie Wahlstrom, Dept. of Rhetoric, U of MN, 9:00-10:30 am, SPSC Theatre.

APS Seminar, Arabidopsis thaliana: What can you do with a complete genome? Meagan Wyckoff, APS grad student, 3:30 pm, 306 BorH.

Tuesday, March 20

Dept. UAC, 10:40 am, 398 AlderH.

Special Seminar, Plant Biology Candidate for Evolutionary Biology Positions, From Ecology to Developmental Genetics: Genes Underlying Adaptive Responses to Heterogeneous Environments, Dr. Cynthia Weinig, Dept of Ecology & Evolutionary Biology, Brown University, R.I., 3:30 pm, 335 BorH.

Entomology Seminar, Molecular Systematics of Nymphalid Butterflies, Andy Brower, 3:00 pm, 310 AlderH.

Wednesday, March 21

COAFES Associate Dean for Academic Programs Candidate Public Forum, Vision & Leadership for Academic Programs in the College Of Agricultural, Food, and Environmental Sciences in 2010, Dr. Michael O. Smith, Dept of Animal Science, U of Tennessee, Knoxville, 9:00-10:30 am, SPSC, Theatre.

Dept. FCC, 1:30 pm, 398 AlderH.

Dept Seminar, Factors Affecting the Revegetation of Prairie Glacial Marshes, Susan Galatowitsch, 3:30 pm, 310 AlderH.

Thursday, March 22

Special Seminar, Plant Biology Candidate for Evolutionary Biology Positions, QTL Mapping in Arabidopsis: Exploring the Genetic Basis of Morphological Integration and Phenotypic Plasticity in the Model Plant, Dr. Thomas Juenger, Dept of Integrative Biology, UC-Berkeley, 3:30 pm, 33 McNeal.

Xerox Demo, presentation on XES 8825 Digital Document System by Steve Haslach, Xerox Engineering Services, 3:30 pm, 405 AlderH. Anyone who is interested is welcome.

Friday, March 23

Hort Extension Working Group, 10 am, 310 AlderH.

SCHOLARSHIP OPPORTUNITIES - Mens Garden Club of Minneapolis will be awarding 3 scholarships of \$1,000 each to students of horticulture, landscaping, or a related professional area. Applications are due May 15 - see Evonne for form.

THAT'S ALL FOLKS

EVERY FRIDAY IS

MAROON & GOLD

CASUAL FRIDAYS

TWIG BENDER

Department of Horticultural Science
305 Alderman Hall
St. Paul, MN 55108
Volume 19, #09, 03/23/01

U OF M SPRING BREAK WEEK

Saturday & Sunday, March 24,25 - It's time for the spring pilgrimage to the Minnesota Landscape Arboretum for its **Annual Sugarbush Pancake Brunch & Maple Tour** from 9 am to 1 pm at the. Tickets are \$6 for adults and \$3 for children, ages 4-10. Children age 3 and under eat free. Enjoy delicious Arboretum-made, pure maple syrup at the Arboretum's all-you-can-eat pancake brunch - served with all the trimmings.

Monday, March 26

Plant Molecular Genetics Seminar, Development of New Genetic Resources for Auxin Biology, Dr. Jerry Cohen, 12 noon, 239 Gortner Lab.

Friday, March 30

University Floating Holiday

CONGRATULATIONS to Grandpa & Grandma Don & Jean White on the birth of their 13th grandchild. William Joshua Thacker was born March 22 in Washington, D.C. to Trish (White) & Toby Thacker. He weighed 10 lbs and 22". WOW

HORT CLUB ANNOUNCEMENTS

SPRING PLANT SALE - May 10-12

U of M to host MACHS - Year 2003

CONGRATULATIONS to Hort Club member, Julie Siegfried, as she was elected ACB representative for the Mid American Collegiate Horticultural Society's (MACHS) officer team. As ACB rep, she will be representing Midwestern Collegiate Horticulture Clubs at this years ASHS Conference in Sacramento. Exciting for you and what an honor!!!

THANKS for the lovely plant and to everyone in the department for their sympathy in the loss of my brother, Glenn Miller. He had Parkinson's disease over the past 5 years and passed away in Yuma, AZ where he and his wife spent winters. My brother was 75 yrs old and a WWII Veteran. Evonne Kuyper.

REMEMBER WHEN WINTER WAS SO COLD IN MINNESOTA THAT:

- Hospitals report an increase in broken toes, from people kicking the "chunks" off their cars.
- Your long johns even had goosebumps
- It hurts your teeth to inhale through your mouth
- That all flights leaving the airport refuse to come back
- You get out of the car to check the tires - not because you think they're flat, but because you think they're square
- Your first breath upon going outside is more like a gasp
- Town compete to see which is colder!!!

THAT'S ALL FOLKS

EVERY FRIDAY IS

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CASUAL FRIDAYS

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305 Alderman Hall
St. Paul, MN 55108
Volume 19, #10, 03/29/01

COAFES Minnesota Royal Week

Monday, April 2

Dept FCC marathon meeting, 1:30 pm-til finished,
398 AlderH.

APS Seminar, RNA Interference: A Tool for
Functional Genomics, Nadiya Al-Saady, PhD
student in Plant Breeding, 3:30 pm, 306 BorH.

Tuesday, April 3

PBS Colloquium, Arabidopsis: Enhancer Traps, Dr.
Patty Springer, Dept. of Botany & Plant Sciences,
University of California-Riverside, 3:30 pm, 335
BorH.

Wednesday, April 4

- Dept FCC, 9-10am, 310 AlderH.
- MN Royal Kick-off, pancake lunch, 11am-1pm,
Northstar Ballroom
- Hort Seminar, Improving Disease Resistance of
Apple by Genetic Engineering, Dr. Herb S.
Aldwinckle, Plant Path & International Ag, Cornell
University, 3:30 pm, 310 AlderH
- Hort Club Meeting, 5-5:45pm, 310 AlderH.
- Turf Club Meeting, 6-8 pm, 398 AlderH.

Thursday, April 5

Applied Plant Sciences Graduate Club's annual soup
lunch charity to raise money for the Second
Harvest St. Paul Food Bank, 12noon-1pm, 306
BorH, \$4.00 or \$1.00 if you bring a soup. Hope
to see you there!!!

TEXTBOOK AVAILABLE FOR YOUR PERUSAL -
In celebration of the University's
sesquicentennial, Mark G. Yudof has presented
departments with a copy of *The University of
Minnesota, 1945-2000* by Stanford Lehmborg, a
professor emeritus and former chair of the
history department at the University of
Minnesota and Ann M. Pflaum the university's
sesquicentennial historian. You may check it out
from the 398 Alderman Library. See Evonne.

SOUP LUNCH CHARITY- The Applied Plant
Sciences Graduate Club would like to invite
horticulture faculty, staff, & students to join
in our annual Soup Lunch Charity to raise money
for the Second Harvest St. Paul Food Bank.
Here's a great opportunity to have lunch with
members of the Agronomy Department while
helping to raise money for charity - the first soup
lunch organized jointly by students in Agronomy
and Horticulture. We will need lots of soups.
Please think about joining in and/or donating a
soup!

April 5th, 12:00noon-1:00, 306 Borlaug Hall
\$4.00 (\$1.00 if you bring a soup)

And we need soups! We rely on students, staff
and faculty to donate soups. Cafe Latte donates
bread, and the Grad Club provides bowls, spoons,
lemonade, etc. The more donated soups we have,
the more funds earned for the Food Bank. If we
have more soups, we advertise the lunch more
widely and raise more money. Attendance was
down last year, but we have high hopes for this
year, the first in which Agronomy and
Horticulture students are working together to
organize the lunch. Just bring the soup to 302
Borlaug sometime before 11:30 am on April 5th.
If you have a crockpot, please bring the soup in
that. Otherwise, any stovetop or microwave safe
container is fine. Please bring a ladle and a list of
ingredients with each soup. The soup lunch
committee will make sure all the soups are hot
by noon. Contact Laura Perry (4-0779) if you wish
to donate a soup. (WOW - pancake lunch on
Wednesday and soup on Thursday - BIG WEEK)

**EVERY FRIDAY IS
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TWIG BENDER

Department of Horticultural Science
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St. Paul, MN 55108
Volume 19, #11, 04/06/01

Monday, April 9

Forest Resources Seminar, Sustainable Forest Management: What's bugs got to do with it? John R. Spence, Biological Sciences, University of Alberta, Edmonton, Alberta, Canada, 2:30 pm, 203 Green Hall.

Plant Path Seminar, Digital Fortune Telling: Design and Development of a Disease Forecast Model, Quinn Holtslag, graduate students, University of Manitoba, 3:00 pm, 365 BorH.

APS Seminar, Modeling Apple Yields, Faye Propsom, APS Grad Student, 3:30 pm, 306 BorH.

Tuesday, April 10

Candidate for Head, Southern Research and Outreach Center, Waseca, Public Seminar, Vision for Research and Outreach, Dr. Chung S. Park, Department of Animal Science, North Dakota State University, 10:00 am, 306 BorH.

Entomology Seminar, The Dilemma of Forest Tent Caterpillars: Caught Between the Devils and the Deep Green Tree, John R. Spence, Biological Sciences, University of Alberta, Edmonton, Alberta, Canada, 3:00 pm, 310 AlderH.

Wednesday, April 11

Dept Seminar, Farm Connect Marketing Cooperative, Zachary Fore, Cropping Systems Specialist and Extension Educator, U of M Extension Service, Thief River Falls, 12 noon, 310 Alderman

COAFES Health and Safety Seminar, Protect Yourself from Dust, Mold, and Fumes-Respiratory Safety, 10-11 am, 365 Haecker.

Thursday, April 12

COAFES Associate Dean for Academic Programs Candidate Public Forum, Vision &

Leadership for Academic Programs in the College Of Agricultural, Food, and Environmental Sciences in 2010, Dr. David S. Buchanan, Dept of Animal Science, Oklahoma State University, Stillwater, 10:30 am, SPSC Theatre.

Dept UAC Meeting, 2:00 pm, 398 AlderH.

LOOKING AHEAD:

April 18 - Philip C. Hamm Memorial Lecture
11th Annual Communicators Forum Conference
April 24 - Kermit A. Olson Memorial Lecture
April 25 - Diversity through the Disciplines - All University Open Forum, Radisson Hotel, Metrodome
April 26 - Take Our Daughter's to Work Day

CONGRATULATIONS to Abderrahmane Hilali who was recently appointed as Director of Plant Protection and Technical Control at the headquarters of the Ministry of Agriculture in Rabat. He is in charge of phytosanitary control of crops and forests, certification of seeds and planting materials, quality of food derived from plants and monitoring of locust invasions. Hilali received his Ph.D. in 1980. His adviser was Dr. Florian Lauer.

DEPT T-SHIRTS AVAILABLE - I have short sleeve t-shirts for sale @ \$9.00 a piece in black, white, or natural, XL size only. I also have one grey tri-color golf shirt in 3XL for \$22.50 and one black t-shirt in 2XL for \$9.00. See Evonne tp purchase

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Volume 19, #12, 04/13/01

Monday, April 16

Dept FCC, 1 pm, 398 AlderH.

APS Seminar, Apomixis and Its Uses in Plant Breeding Programs, Nadilia Gomez, APS Grad Student, 3:30 pm, 306 BorH.

APS Prelim Discussion of Plant Response to Biotic and Abiotic Stress, 4:30 pm, 306 BorH.

Candidate for Head, Southern Research and Outreach Center Public Seminar, Vision for Research and Outreach, Dr. Forrest Izuno, Everglades Research and Education Center - Belle Glade, University of Florida, 10:00 am, 306 Borlaug Hall

Tuesday, April 17

UAC meeting, 10:45 am, 398 AlderH.

Entomology Seminar, Sex, Drugs, and Videotape: the Chemical Defense and Courtship of the Scarlet-Bodied Wasp Moth, *Cosmosoma myrodora*, Bill Conner, Wake Forest University, 3:00pm, 310 AlderH.

Wednesday, April 18

Philip C. Hamm Memorial Lecture, The Calcium/Cytoskeleton Connection in Pollen Tube Growth, Dr. Peter K. Hepler, U of Mass, 3:30 pm, 33 McNeal.

H.K. Hayes Memorial Lecture & Hayes Graduate Students Award, Agriculture and the University of Minnesota: As Seen Through the Eyes of Governor John Sargent Pillsbury, J.B. Eckert, Public Relations, U of MN, 7:30 pm, 135 Earle Brown Center, St. Paul Campus.

Hort Club Meeting, 5-5:45 pm, 310 AlderH.

Turf Club Meeting, 6 pm., 310 AlderH.

Thursday, April 19

Northrup King Development Committee invites you to a brown bag series on Enhanced Professional Communication and Teaching, noon, 306 BorH.

May 19-May 3. April 19 is about creating engaging presentations and active learning techniques into your professional life. Info at:

grossman@soils.umn.edu

Friday, April 20

Junior High School Visit Day, Brad Pedersen, Coordinator, 11:15 am, 405 AlderH.


FREE ADMISSION TO THE ARBORETUM FOR STUDENTS The Minnesota Landscape Arboretum announced that current U of M students (students only) will receive free admission to the Arboretum by simply showing their U of M student I.D. card at the entrance gate. As an added benefit, the Arboretum will also waive general admission fees for family members and friends arriving in the same vehicle.

The Minnesota Landscape Arboretum is part of the University's Horticultural Sciences Department and was recently named by USA Today as one of the top 10 public gardens in the U.S. to visit. It's 1,020 acres of rolling hills showcases 22 specialty and display gardens, 60 plant collections and more than 5,000 northern-hardy plant varieties.

The Arboretum also offers a variety of gardening classes and special events, such as the Plant Information Fair (April 21), Earth Day Celebration (April 22) Bud Break 5K Run/Walk (May 6), and the ever-popular Spring Plant Sale (May 12&13).

Visit the Arboretum's website at www.arboretum.umn.edu

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CONFERENCE - "Opening the Door: Sharing the Craft of Teaching" April 23 from 8:30am to 3:30 pm, Sponsored by the Academy of Distinguished Teachers, in conjunction with the President's Sesquicentennial Conference Series, the U of M Alumni Association, and the Center for Teaching & Learning Services. To register, visit: www1.umn.edu/ohr/teachlearn/adt/conf.html

Funny, I don't remember being absent minded.

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TWIG BENDER

Department of Horticultural Science
305 Alderman Hall
St. Paul, MN 55108
Volume 19, #13, 04/20/01

Monday, April 23

APS Seminar, Martin Meeks, APS Grad Student,
3:30 pm, 306 BorH.

CONFERENCE - "Opening the Door: Sharing the
Craft of Teaching" from 8:30am to 3:30 pm,

Tuesday, April 24

2001 Kermit A. Olson Memorial Lecture, The
Name of the Rose: Convergence of Indigenous
Knowledge Systems with Western Taxonomy, Dr.
Paul Alan Cox, Director of the congressionally
chartered National Tropical Botanical Garden in
Hawaii and Florida, 335 BorH, 3:30 - scholarship
/awards presentation, 4:00 - lecture, 5:00 pm,
reception in room 310 Alderman.

Wednesday, April 25

Greenhouse Meeting, 9-10am, 398 AlderH.

Hort Faculty Meeting, 1:00 pm, 310 AlderH.

All-University Forum, Diversity through the
Disciplines, 9 am-4pm, Radisson Hotel Metrodome.

Thursday, April 26

Annual Take Our Daughter's to Work Day

Candidate for MN Landscape Arboretum Endowed
Land-Grant Chair for Research Seminar,
Horticultural Research in West Nebraska, Dr.
Dale T. Lindgren, U of Nebraska, 1:30 pm, 310
AlderH.

APS Prelim Discussion of Feb 14 exam question on
Crop Growth & Development, 4:00 pm, 306 BorH.
Everyone welcome.

Eleventh Annual Communicators Forum
Conference, Fishing for Meaning in your Work
Life, 8 am - 4:30 pm, Earle Brown Center, St. Paul
Campus.

Friday, April 27

Maturity of mind is the capacity to endure
uncertainty. John Finley

CONGRATULATIONS to the U of M Team that
participated in the 60th National Intercollegiate
Floral Crop Quality Evaluation Contest and Design
Competition at Cal Poly, San Luis Obispo, CA! Ten
teams participated from around the country. The
team consisted of Laura Baune, Mark Salovich,
Jacqueline Calguire, and Sherry Hickson. Neil
Anderson was the coach and Deb Schwarze was
the assistant coach. The team placed 8th overall.
Sherry Hickson placed fifth for total overall
individual scores, fourth place for cut flowers,
and eighth for potted plants. Laura Baune placed
second for her floral design in Division II, Class 4
- the Designer's Choice. Congratulations
everyone!

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TWIG BENDER

Department of Horticultural Science

305 Alderman Hall

St. Paul, MN 55108

Volume 19, #14, 04/27/01

Monday, April 30

FFA Days, 7:30am-noon. You will see lots of high school students in Alderman Hall and around campus.

APS Seminar, Breeding for Cold Chipping Potato Cultivars Using Sexual Polyploidization Ryan Hayes, Grad Student in PIBr, 3:30 pm, 306 BorH.

Candidate for Head, Southern Research and Outreach Center Public Seminar, Vision for Research and Outreach, Dr. Forest Izuno, University of Florida, 10:00 am, 306 Borlaug Hall

Tuesday, May 1

UAC meeting, 10:45 am, 398 AlderH.

Entomology Seminar, Programming with SAS: Tricks, Tips, and Transformations, Matthew Carroll, 3:00pm, 310 AlderH.

Wednesday, May 2

Dept FCC, 1:30-3:00 pm, 398 AlderH.

Hort Seminar, Plugging the Leak: Approaches to Reducing Nitrate Leaching in Irrigated Potato Production, Carl Rosen, 3:30 pm, 310 AlderH.

Turf Club, 6-7pm, 310 AlderH.

LOOKING AHEAD:

May 6 - Arboretum's 4th Annual 5K Run/Walk

May 10-12 - Hort Club Plant Sale

May 12,13 - Arboretum Spring Plant Sale

NEWLYWEDS

When Big Ole and Lena got married and went on their honeymoon, Lena was a bit bashful. As they walked up to the hotel, Lena said, "Vhat can ve do so dey von't know ve're newlyweds?"

Answered Ole: "YOU carry the baggage."

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Volume 19, #15, 05/04/01

Sunday, May 6

COAFES Graduation, 2:00 pm, Northrop Auditorium. Congratulations to the following Environmental Horticulture graduates: Kathleen Bennett, Brent Berkovitz, Jacqueline Calguire Robert Ford, Christina Hadley, David Harris, Sherry Hickson, Matthew C. Johnson, Ben Just, Leslie Orth, Amy Peterson, Susan Reynolds, Heather Schuelke, Christopher Tritabaugh, David Wetenkamp, Darrell Wollmer, and Amy Yahnke. We are proud of our 2001 seniors - good luck to each!!!

Monday, May 7

Hort Dept Retreat - 8:30-4:00 pm, Minnesota Landscape Arboretum.

APS Seminar, The ABC's of Native Fruit Production (Amelanchier, Blueberries, Cranberries, Kari-Lynne McGowan, APS Grad Student, 3:30 pm, 306 BorH.

Tuesday, May 8

COAFES Spring Faculty Assembly, 10:00 am - 12:00 pm, SPSC Theatre.

COAFES Ergonomic Training, Preventing Repetitive Stress Injury and a Sore Back - Office Ergonomics, Neil Carlson, 9:30-11:00 am, 310 AlderH. Refreshments!

Wednesday, May 9

Hort Faculty Meeting, 1 pm, 310 AlderH.

Hort Seminar, New Children's Garden in Morris Research and Outreach Center, Steven R. Poppe, Horticulture Research Coordinator, Morris, 3:30pm, 310 Alder H.

Thursday, May 10

HORT CLUB PLANT SALE

Candidate for Head, Southern Research and Outreach Center Public Seminar, Vision for Research and Outreach, Dr. Richard Joost,, American Plant Food Corp, Galena Park, TX, 10am, 306 Borlaug Hall

Project Seminar, Breeding Potato Cultivars for Increased Yield, Quality and Disease Resistance, Christian Thill, 3:30 pm, 310 AlderH.

Friday, May 11

HORT CLUB PLANT SALE

LOOKING AHEAD:

May 12,13 - Arboretum Spring Plant Sale

HORT CLUB SPRING PLANT SALE - May 10-12 (8am-6 pm), hanging baskets, perennials, vegetables, annuals, mixed pots, trees and shrubs! SPSC lawn in front of Bailey Hall - look for tent - support your local HORT CLUB

KUDOS - to two graduate students who received awards at the annual Potato Association of America Conference.

David Zlesak - 1st place. "OBTAINING SEXUAL HYBRIDS BETWEEN SOLANUM INNATISECTUM (1EBN) AND CULTIVATED POTATO GERMPLASM", Zlesak, David C.* and C.A. Thill, University of Minnesota, Department of Horticultural Science, 1970 Folwell Avenue, St. Paul, MN 55108.

AND

Danielle Posch - 3rd place. "IDENTIFYING RESISTANCE TO PHYTOPHTHORA INFESTANS EARLIER IN BREEDING", Posch, Danielle, M.* and C.A. Thill, University of Minnesota, Department of Horticultural Science, 1970 Folwell Avenue, St. Paul, MN 55108.

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TWIG BENDER

Department of Horticultural Science
305 Alderman Hall
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Volume 19, #16, 05/25/01

Monday, May 28

HOLIDAY - Memorial Day

Wednesday, May 30

Laboratory Safety-A General Session, 9:30-11:30 a.m., 306 Borlaug Hall, Dawn Errede, Environmental Health and Safety, will provide a general training session for anyone who works in a laboratory. This session is great for new employees or for anyone needing a refresher. Sponsor: Agronomy & Plant Genetics
REFRESHMENTS WILL BE SERVED!

Health Benefits Public Forum, 12noon-1:30 pm, SPSC Theatre.

LOOKING AHEAD:

June 8 - Dept FCC, 8-10 am, 398 AlderH.
June 29 - Sesquicentennial Grand Finale, call for tickets 612-624-2345.

WELCOME **Bruce Dunn**, who is here for the summer from Oklahoma State University. Bruce has been awarded the Vic and Margaret Ball Internship from the American Floral Endowment. He will be spending the summer learning flower breeding and genetics with Neil Anderson's research group. Bruce will be entering his senior year at OSU and is considering graduate school.

POSITION AVAILABLE - Computer Assistant - Help needed in developing and updating online WebCt 3.0 Hort 1003 Consumer Horticulture for the Home and Garden/Master Gardener Core Course. This position is available immediately (May 24) and hours are flexible. Applicants need good computer skills. Knowledge of WebCt and HTML desirable, but not required. Horticulture knowledge desirable but not required. 10-40 hr/week for 6-12 weeks, possible extension to several months as a part-time position. Pay from \$10-20/hr depending on experience. Contact Mary

Meyer, Associate Professor, Department of Horticultural Science, 952-443-1447 or meyer023@umn.edu

REQUEST FOR FRUIT JARS - The theme for this year's Orchid Lights at the Arboretum is "Cultivating Common Ground" and the Hyatt will be serving the signature event drink and other beverages with a thematic approach, using canning jars instead of the usual array of crystal and glassware. The Arboretum's is gathering canning jars - chip free and in okay condition - 500 or more jars in all. Collection begins June 1 and whatever is gathered in the department here - will be delivered to the Arboretum on the Monday delivery system. Please bring your pint or jelly jars to Evonne so they can be donated to the Arboretum.

The Arboretum is also collecting shiny, flashy, small objects that will fit into a 2-inch square hold (like beads, buttons, bottle caps, small toys, plastic lids, nuts/bolts) that will be donated to the PEASE Academy Program. So if you have anything, bring that to Evonne and I will see that they get delivered to Jean Larson at the Arb.

SUCCESSFULLY COMPLETED DEGREES - **Ryan Hayes** fulfilled the requirements for the Degree of Master of Science and **Tali Lee** fulfilled the requirements for the Degree of Doctor of Philosophy. Congratulations!!!

FAREWELL to **Chris Gran** who writes "I would like to thank all of the faculty, staff and students of the department who I have had the pleasure of working with and learning from over the past years. It has been my pleasure to be associated with so many fine persons. I am headed to Oklahoma for my residency in urology for the coming five years. Best of luck and my deepest appreciation to all."

INVITATION TO PRESENT POSTER PAPERS ON RESEARCH PROJECTS - for the last ten years, the Farm Bureau has tried to increase participation by farmers in all stages of the research process. The exchange of information and ideas between farmers and researchers benefits both the participants and the research itself. Researchers are invited to their national convention in Reno, Nevada on January 6-8, 2002 to present their research projects. This is an opportunity for scientists to display their research and discuss their ideas with over 6,000 active farmers and ranchers representing every state. Deadline to submit application forms is July 1, 2001. Contact Jim Porterfield at 847-685-8782 for questions and forms.

MRS. JANE MC KINNON'S DAUGHTER has been appointed as Dean, Faculty of Liberal Studies at Ontario College of Art & Design - congratulations to Dr. Sarah M. McKinnon!!! The full announcement is posted across from faculty mailboxes.

HORTICULTURAL THERAPY - The Therapeutic Horticulture Program at the Minnesota Landscape Arboretum is up and going in full force. This year Jeannie Larson is repeating many of her same programs, with the addition of the Methodist Hospital Eating Disorder Program (in community) and the Vision Loss Resource Center (on-site). Jean Larson and Tim Kenny have joined forces this summer, as Jean will be working with six of Tim's older students building raised bed gardens for 19 of the Dakota Communities, Inc. group homes. Also, Jean is teaching during the May Term, "Advanced Methods in Therapeutic Recreation". Look for her darting amongst the flowers at the Sensory Garden, or in her office at the Learning Center, Mn Landscape Arboretum.

HAVE A GREAT WEEKEND

The Twig Bender will not be available on a weekly basis over the summer

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Department of Horticultural Science
305 Alderman Hall
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Volume 19, #17, 09/07/01

Monday, September 10

GLEJ meeting, 1:30 pm, 398 AlderH.

APS New Graduate Student Orientation, 2-5 pm,
310 Alderman.

Tuesday, September 11

Master of Agriculture in Horticulture Final Oral
Presentation, Rosemount Landscape Design, Dana
Gardner, 1:30 pm, 152 Alderman. Public is
welcome.

USC (Undergraduate Studies Committee), 2-3:30
pm, 398 AlderH.

Wednesday, September 12

Associate Dean for Academic Program candidate
Public Forum, Vision and Leadership for Academic
Programs in COAFES in 2010, Dr. William G.
Hendrix, Professor of Landscape Architecture
and Chair, Dept of Horticulture & Landscape
Architecture, Washington State University,
Pullman, 11:00 am, SPSC Commons.

Hort Faculty Meeting, 1:30 pm, 310 AlderH.

Hort Dept Welcome Reception & Seminar Kickoff,
3:30 - 5:00 pm, 310 AlderH. Faculty, staff and
students are invited to attend. Come and meet
new folks who have joined our department
recently, enjoy good food/beverage, and grad
students are encouraged to get your picture taken
that day for the "Rogues Gallery". We have a new
digital camera to try out on you. Don't miss it!!!

Hort Club Meeting, 5:00 pm, 398 Alderman.

Thursday, September 13

Safety Committee meeting, 9:30-10:30am, 398
AlderH.

Friday, September 14

2nd week of classes completed already!

LOOKING AHEAD:

September 17 - Associate Dean for Academic
Program candidate Public Forum, Vision and
Leadership for Academic Programs in COAFES in
2010, Dr. Kent D. Olson, Dept. of Applied
Economics, U of MN, 11:00 am, SPSC Theatre.

September 20 - Associate Dean for Academic
Program candidate Public Forum, Vision and
Leadership for Academic Programs in COAFES in
2010, Dr. Robert J. Joly, Dept of Horticulture &
Landscape Architecture, Purdue University, West
Lafayette, Indiana, 11:00 am, SPSC Theatre

September 20 - Launch "My Favorite", 1-3 pm,
Northrop Auditorium.

September 24 - Associate Dean for Academic
Program candidate Public Forum, Vision and
Leadership for Academic Programs in COAFES in
2010, Dr. Ann Hill Duin, Associate Provost and
Director, Continuing Education and Communication
Services, Iowa State University, Ames, IA, 11:00
am, SPSC Theatre.

WELCOME - new folks in the department are
encouraged to submit an article about themselves
(personal and professional tidbits) to Evonne by
Wednesday, September 12 to be included in our
friendly Twig Bender Newsletter. We want to
give you a proper introduction. Thank you.

ATTENTION STUDENTS - the University of
Minnesota West Central Research and Outreach
Center in Morris, Minnesota, would like to update
the master landscaping plan for their Horticulture
Trial Garden. Any landscape design students who
have completed their coursework and are
interested in a 2 credit directed studies to
develop the Morris master plan should contact
Brad Pedersen, peder006@umn.edu during the
week of September 10-14.

SPECIAL THANKS to all who volunteered their time at our state fair booth. We received many leads for prospective students and lots of interest in the new mums. See ya next year!!!

CONGRATULATIONS are in order to a number of folks in our department. First to **Richard Isaacson**, Associate Librarian, Andersen Horticultural Library, who was selected to receive the 2001 Academic Staff Award at a ceremony held May 1 at the Weisman Art Museum and to

Carl Rosen, who received the ASHS Outstanding Extension Educator Award for 2001

and

Peter Olin was promoted to full professor. and

Mike Zins was promoted to Associate Professor and Extension Educator.

DEGREES SUCCESSFULLY COMPLETED this past summer include: M.S. - Bruce Cunliffe, Raymond Thomas and David Zlesak; Ph.D. - Van Cline, Ann Marie Connor and Laura Perry. Congratulations!

ATTENTION STUDENTS COAFES & Dept of Rhetoric are re-opening the Online Writing Center (OWC), starting September 4, 2001. The following services will be provided: 1) online tutoring to students in writing-intensive courses, with priority given to COAFES students, 2) online resources about writing, including handouts and links to writing resources, 3) short lessons about writing topics that our tutors can present to your writing-intensive courses, and 3) faculty resources for developing and evaluating writing assignments and activities. Check out www.owc.umn.edu

September Birthdays include Joe Sowokinos, Florian Lauer, Ed Stadelmann - If I've missed anyone, please get that important date to me - Evonne, kuype001@umn.edu I need graduate students birthdays -

DEPT COFFEE HOURS - we will begin dept coffee hours on October 10th from 9:30-10:30 am, 310 Alderman. Volunteers to bring coffee treats should sign up with Evonne right away.

REMINDER - to ensure accurate listing in the new 2001-02 Student-Staff Directory, U faculty, staff, and retired academic personnel should verify their personal information on the web at onestop.umn.edu by September 24. Review home address, phone number, and directory suppression options.

SCHOLARSHIP OPPORTUNITIES -

The Vegetable Industry announces the availability of at least three scholarships for students who intend to pursue careers in the Midwest vegetable industry. See posting on bulletin board, 3rd floor lobby of Alderman.

The Sixth District Minnesota Horticultural Society is taking applications from students or parents of the student who live in the Sixth District which is comprised of 12 counties in Minnesota: Aitkin, Benton, Cass, Crow Wing, Kanabec, Mille Lacs, Morrison, Pine, Sherburne, Stearns, Todd and Wadena. Again see posting on bulletin board, 3rd floor lobby of Alderman.

HAVE A GREAT WEEKEND

**EVERY FRIDAY IS
MAROON & GOLD
CASUAL FRIDAY**

TWIG BENDER

Department of Horticultural Science
305 Alderman Hall
St. Paul, MN 55108
Volume 19, #18, 09/21/01

Monday, September 24

Associate Dean for Academic Program candidate Public Forum, Vision and Leadership for Academic Programs in COAFES in 2010, Dr. Ann Hill Duin, Associate Provost and Director, Continuing Education and Communication Services, Iowa State University, Ames, IA, 11:00 am, SPSC Theatre.

10th Annual Symposium in the "Egg to Organ" series sponsored by the Developmental Biology Center of the University of Minnesota, 1:30-5:00, Earle Brown Center, St. Paul Campus

APS Seminar, End of Summer Tour Report by Agro 5310 Participants, Deon Stuthman, 3:30 pm, 306 BorH.

Tuesday, September 25

APS Prelim Papers ready - see Evonne Kuyper in 305 AlderH.

10th Annual Symposium in the "Egg to Organ" series sponsored by the Developmental Biology Center of the University of Minnesota, 9am-4:30pm, Earle Brown Center, St. Paul Campus

Magrath Library hands-on sessions are open to faculty, staff, and students - Automatic E-mail Updates from Current Contents and Biosis, 4-4:30. Please sign up at www.lib.umn.edu/registration or call Magrath Reference Desk 612-624-1212.

Wednesday, September 26

Dept FCC, 1-3 pm, 398 AlderH.

Dept Seminar, potential, Emerging and Refined Tools for Oak Wilt Management, Jennifer Juzwik, USDA Forest Service and Department of Plant Pathology, U of MN, 3:30 pm, 310 AlderH.

Magrath Library hands-on sessions are open to faculty, staff, and students - Electronic Journals-Tips & Tricks, 12:30-1 pm. Please sign up at

www.lib.umn.edu/registration or call Magrath Reference Desk 612-624-1212.

Saturday, September 29

Minnesota Landscape Arboretum, Fall Festival, 9am-3pm. If you have not every attended, this is not to be missed. Every year the Auxiliary has their Annual Fall Sale, showcasing one-of-a-kind, hand-grown, handmade, dried-flower wall & table arrangements, pressed flowers, and potpourri items plus purchase a raffle ticket for a chance to win the Auxiliary's beautiful annual quilt. Live entertainment, apple pressing, lots of children's activities, guided tours, tram tours of three-mile drive. Visit their website: www.arboretum.umn.edu

BABY BOY born to Karri & Jeff Bitner, Kit Powell, 8lbs, 3.6 ozs., 20 inches tall.
CONGRATULATIONS to the new proud parents!

WELCOME - new folks in the department are encouraged to submit an article about themselves (personal and professional tidbits) to Evonne by Wednesday, September 27 to be included in our friendly Twig Bender Newsletter. I have not received any - just take a few moments to jot something down about yourself. Thanks.

October Birthdays: Troy Carson

DEPT COFFEE HOURS - we will begin dept coffee hours on October 10th from 9:30-10:30 am, Alderman 3RD floor lobby. Volunteers to bring coffee treats should sign up with Evonne right away.

ORDER YOUR SHIRTS FROM EVONNE by October 5th. I am taking order for shirts with our "Discover Horticulture" logo on them.

DENIM

Women's long sleeve in forest green, kahaki, chambray blue, rhubarb - \$26.50, sizes S-XXL

Men's long sleeve in forest green, natural, chambray blue, black - \$26.50, sizes S-XXL

Men's short sleeve in forest green, chambray blue, natural - \$26.50, sizes S-XXL

Long sleeve T-SHIRTS in natural, white, ash grey, black, forest green - \$13.50, sizes S-XXL

Kid's "T" in natural, white, ash grey, black, forest green - \$8.00, sizes S(6-8), M(10-12), L(14-16).

Pay when you place your order, please.

THERE WILL BE A FIRE DRILL in Alderman Hall during the 3rd week of October. People on the 1st and 2nd floors of Alderman Hall should exit the building, meet in the Horticulture Garden and wait for the "all clear" signal. People on the 3rd and 4th floors should meet at the water tower and wait for the "all clear" signal there. Searchers have been asked to look for people on all floors to ensure that the building has been evacuated. Please leave the building when they ask you to. The following people have been asked to be searchers: 1st floor - Mike Emerick; 2nd floor - Jerry Cohen, Sue Galatowitsch, Stan Hokanson; 3rd floor - Gary Gardner, Laura Kalisch, Al Smith; and 4th floor - Neil Anderson, Cindy Tong, Larry Vetter. Faculty: please remind all your students and employees to expect and respect this drill.

NOTES FROM FRIENDS ABROAD IN THE WAKE OF SEPT 11 ATTACK ON AMERICA...

From Touria and Abderrahmane Hilali, Morocco
"Dear family: I feel it's almost an intrusion to write at a time like this. But I must tell you how saddened we are by the news, and how deeply we feel sorry for you and the whole country in its sorrow. I deeply sympathize with you all on the loss of those innocent lives and feel profoundly sorry for their families and friends. There is not much we can say at a time like this. But Touria and I want you to know how deeply sad we are since we learned and saw the unbelievable images of horror Sep 11. Please accept our sympathy and heartfelt condolences to you and family and any friend who is touched directly or indirectly by the tragedy".
From Addallah RADOUANI, Morocco "My dear friends in the United States of America, What happened Tuesday in NY and Washington DC was a crime toward human being all over the world. As an Arab and Muslim we received the shock amplified 3 times. 1) Criminals killed thousands of innocent people. Any one of us would be killed like that any were in the world. None can feel safe any more. Any criminal (individual or organization) can

destroy symbols of a whole nation!!! Our officials should act. 2) So far criminals are identified as arabs. This fact can damage the image of arabs which is already not clear. So our community should act to prevent such things. 3) The interpretation that the crime was committed under the umbrella of Islam became very easy especially for people judging people by stereotypes. Muslims should demonstrate the Islam prohibits killing innocent people and chastise offenders in hell. Yesterday, in Morocco, in all mosques, the two speeches proceeding Friday prior condemned terrorism. Our religious demonstrate that the Islam is a religion leading to kindness and goodness not to misfortune and hardship. All in all, all of us must act in order to make our world more safe. I am totally frustrated, shocked and terrified. Sharing with you the deep sorrow and pain."
From Si Bennasseur Rzozi, "Dear colleagues and friends, It is with a great sadness that we knew about the barbarian attacks on American civilians in New York and Washington DC last Monday. On behalf of my family and many colleagues of mine at the IAV Hassan II, I would like to let you all know that we were as sad as you and as the families that are directly touched by this tragic catastrophe. Please accept our very sincere condolences."

HAVE A GREAT WEEKEND

**EVERY FRIDAY IS
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TWIG BENDER

Department of Horticultural Science
305 Alderman Hall
St. Paul, MN 55108
Volume 19, #19, 09/28/01

Weekly Calendar

Monday, October 1

Hort Club Meeting, 4:00 pm, 310 Alderman.

Plant Molecular Genetics Seminar, A Microarray Primer: Or How I Learned to Stop Worrying and Love Microarrays, Dr. J. Stephen Gantt, 12 noon, 260 BioScience Center, St. Paul Campus.

Plant Path Seminar, Plant Pathology at the Southern Research and Outreach Center: Current Research and Future Directions, Dr. Sally Stetina, 3:00 pm, 365 BorH.

APS Seminar, Applications of Neural Networks in Biology and Agriculture, Jimmy Yu, APS Grad Student, 3:30 pm, 306 BorH.

Tuesday, October 2

Hort USC meeting, 2-3:30 pm, 398 AlderH.

Agr/PI Genetics Seminar, Molecular genetics interactions between wheat and *Fusarium graminearum*, Dr. Gary Muehlbauer, 3:30 pm, 335 BorH.

Wednesday, October 3

Dept Seminar, Transgene locus formation in plants genetically engineered using microprojectile bombardment, Dr. David Somers, 3:30 pm, 310 AlderH.

Thursday, October 4

Dept lunch with Dr. William G. Hendrix, 11:30-12:45 - call Candy Zapzalka to order your free lunch by noon Oct 2.

Friday, October 5

Last day to order your "Discover Horticulture" shirts.

October Birthdays: Troy Carson - Are there any other birthdays for October. If so, please give that info to Evonne.

LOOKING AHEAD

October 9 APS Prelim Exams, 8-4pm, room change to 213 Borlaug Hall.

October 10th, Dept Coffee Hour, 9:30-10:30 am, Alderman 3RD floor lobby. Treats by Evonne.

WELCOME - to **Joe Paul**, who writes "Hi! I am from India. I am doing my Masters in Horticultural Science under the guidance of Dr. Mary H. Meyer. My research work is on the invasiveness of *Miscanthus*, I did my bachelors in Agricultural Science in Kerala Agricultural University, India. I love music more than any other entertainment. The second priority goes to foods. I enjoy tasting variety of foods that we don't get in India. So beware of me while offering something; I may eat-eat your wallets up. Presently I am staying in Minneapolis, where I live with three other family members. Please stop by 320 Alderman Hall and say Hi to Joe."

Grace Pietsch writes "I received my Masters degree from Michigan State University in 1993 and decided to get a job in the Seed Industry. I was a grower for Novartis Seeds (now Syngenta) at the research facility in Gilroy, California. I knew when I took this job that I eventually wanted to get back into school and get a degree in plant breeding. I feel I have learned a lot through working in the seed industry and am ready to learn the theory and molecular aspects of plant breeding. I also enjoy reading (especially sci fi/fantasy) and playing computer games in my spare time. I can often be found online playing on a MUD (multi-user dimension) and talking to my friends around the world on there. My three cats (Zach, Misty, and Mocha) and I all live in a tiny apartment now, and we will be trying to get through our first winter in Minnesota this year." Get acquainted with Grace in her office, room 462 Alderman.

Stan Hokanson writes "I didn't grow up in a small town, I grew up on a dirt road between two small towns in Southwestern Michigan and that may have made a difference! I arrive here most recently

from the USDA Fruit Laboratory in Beltsville, Maryland where I was the small fruit breeder/geneticist for the last 3.5 years. Prior to my time in Maryland, I spent a year and a half working as a post-doctoral research associate at the USDA Plant Genetic Resources Unit in Geneva, New York. There I worked on a project to assess genetic diversity in wild and curated apple genetic resources. I received both of my graduate degrees from Michigan State University in the Department of Horticulture. Despite the facts that I am thrilled to be a part of the faculty here, I love the state and the lifestyle options it affords and my family seems to be equally excited about our new home, my blood still seems to run GREEN. Speaking of family, I consider myself lucky to work in the same department with my wife Karen, whom many of you know. We have two kids, Kate (7) and Steve (5) who are the apples of our eyes and claim dominion over our every free minute. Hopefully you will see them around from time to time. They really are not like any other kids! Now, if I have not totally confused you as to who I am or what I am doing here, I have completely failed in my mission. Stop by some time and you will see how long-winded I can really get." Stan's office is 258 Alderman.

Harpatap S. Mann writes "I did my bachelor's from Punjab Agricultural University in Ludhiana, the Food Bowl of India. I am from family whose occupation has been farming from last so many generations, and I have often indulged myself in it whenever I get time off from education. I am in Applied Plant Sciences-Horticulture and my masters advisor is Cindy Tong. Soon I'll begin working on post harvest physiology of apples, the softening part of it. I must say that I have liked this place, and this department, and I am excited about being here. If you are curious about me, my country, my culture or my religion (Sikhism) you are always welcome to talk to me. You can always find me on 3rd and 4th floors of Alderman and my office is 452 Alderman."

Thank you all and hopefully more news next week from new people in the department.

LAST WEEK TO ORDER YOUR SHIRTS FROM EVONNE - Deadline is October 5th. Place your order for a "Discover Horticulture" shirt.

DENIM

Women's long sleeve in forest green, kahaki, chambray blue, rhubarb - \$26.50, sizes S-XXL

Men's long sleeve in forest green, natural, chambray blue, black - \$26.50, sizes S-XXL

Men's short sleeve in forest green, chambray blue, natural - \$26.50, sizes S-XXL

Long sleeve T-SHIRTS in natural, white, ash grey, black, forest green - \$13.50, sizes S-XXL

Kid's "T" in natural, white, ash grey, black, forest green - \$8.00, sizes S(6-8), M(10-12), L(14-16).

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HAVE A GREAT WEEKEND

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TWIG BENDER

Department of Horticultural Science
305 Alderman Hall
St. Paul, MN 55108
Volume 19, #20, 10/05/01

Weekly Calendar

Monday, October 8

Last day to order your "Discover Horticulture" shirts.

Potato Pathology Candidate Seminar, Genetically Engineered Virus Resistance: Exploring Novel Strategies to Overcome Diverse Challenges, Dr. Stephen F. Hanson, University of Wisconsin, 11 am, 491 BorH.

APS Seminar, Predicting Invasiveness in Introduced Species, Bill Peters, APS Grad Student, 3:30 pm, 306 BorH.

Tuesday, October 9

PBS Colloquium, Arabidopsis cryptochromes and light signaling in plants, Dr. Chentao Lin, UCLA, 3:30 pm, 335 BorH.

Wednesday, October 10

Dept Coffee Hour, 9:30-10:30 am, Alderman 3RD floor lobby. Treats by Evonne.

Dept Seminar, History of the University of Minnesota Landscape Arboretum, Mike Zins, 3:30 pm, 310 AlderH.

Thursday, October 11

Potato Pathology Candidate Seminar, Integrated Approach to Management of Late Blight in Potato, Dr. James Bradeen, University of Wisconsin, 11 am, 491 BorH.
Hort FCC, 1:00 pm, 398 AlderH.

Friday, October 12

Official Columbus Day

LOOKING AHEAD

October 15 - Potato Pathology Candidate Seminar, Effects of Host Resistance on a Fungal Pathogen Population, Dr. Christina Cowger, Oregon State, 11 am, 491 BorH.

October 17 - Hort Faculty Meeting

October 24 - Kickoff for the Arboretum's annual favorite, Auntie's Tea - Wednesday afternoon teatimes, 3-4:30pm - reservations required 952-443-1411

FORMER GRAD STUDENT ANNOUNCES BIRTH OF SON - Sylvia and I would like to introduce you to the newest member of the Warnock clan. Garrett Michael Warnock, born October 4th, 2001 at 4:17 am. An ultralight weight, he weighs in at 7 lbs and 3 ounces and a total reach of 19.5" (from head to toe). This little man has tremendous future potential and we cannot wait to see the things he will accomplish. He's ready to take on the world as evidenced by the images at www.carle.com (Look for his mom and dad's names) and the attached images. Daniel and Sylvia

WELCOME - to David Esplin writes "I was born and raised in Burley, Idaho. I started school at Ricks College in Rexburg, Idaho. I received my Bachelors and Masters from Brigham Young University. I studied the invasiveness of glyphosate tolerant canola for my master's research. Currently, I am working with Christian Thill on the potato project. My specific area of research is yet to be determined. I am working on gaining my Ph.D. My wife, Ciana, gave birth to a beautiful boy names Jacob in July so we are pretty busy with him. I love to ski, and worked as a ski instructor at Park City, Utah for two winters. I spent two years in Japan as a missionary for my church and thoroughly enjoy the experience. I like to play racquetball, garden, and do anything outdoors." Say hello to David - his office if 367 Alderman Hall.

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TWIG BENDER

Department of Horticultural Science
305 Alderman Hall
St. Paul, MN 55108
Volume 19, #21, 10/12/01

Weekly Calendar

FIRE DRILL WEEK - Please put down whatever you're doing when the alarm goes off and exit the building (1st & 2nd floor occupants to the garden, and 3rd and 4th floor occupants to the water tower). THE ALARM WILL NOT BE TURNED OFF UNTIL SEARCHERS REPORT THAT THE BUILDING HAS BEEN TOTALLY EVACUATED

Monday, October 15

Potato Pathology Candidate Seminar, Effects of Host Resistance on a Fungal Pathogen Population, Dr. Christina Cowger, Oregon State, 11 am, 491 BorH.

APS Seminar, partial oat crown rust resistance: selection progress and mapping in two recurrent selection populations, Marcelo Pacheco, APS Grad Student, 3:30 pm, 306 BorH.

Tuesday, October 16

PBS Colloquium, Toward the in silico assignment of function for genomic sequences, Dr. Kevin Silverstein, Dept of Plant Biology, U of MN, 3:30 pm, 335 BorH.

Wednesday, October 17

Hort Faculty Meeting, 1pm, 310 AlderH.

E.C. Stakman Award Lecture, Recent Developments in Soil Solarization and Biofumigation, Dr. James E. DeVay, 4pm, 306 BorH. Reception at 3:15 pm.

Dept Seminar, How do I know what I think until I see what I say?: Students Write Horticulture, Pamela Flash, Associate Director, Center for Interdisciplinary Studies of Writing, 3:30 pm, 310 AlderH.

Friday, October 19

Annual Kuehnast Lecture Series, An Idiosyncratic History of Climate, Dr. Richard Skaggs, College of Liberal Arts, U of MN, 3:30 pm, 335 BorH.

MISSING - if you borrowed the leaf area meter and immersible data loggers from Bud Markhart's lab (223A), please return them ASAP as they are needed by his students. Thanks, Gretchen Hatch, curt0014@umn.edu

KUDOS - At the University of Minnesota Extension Service Program Summit, held in Rochester this week, Carl Rosen received the Award for Distinguished Extension Campus Faculty. This is the highest award for campus-based extension faculty. Congratulations, Carl!

CABBAGE RECIPE (from Star Tribune via Cindy Tong)

Parmesan-Black Pepper Coleslaw

1 one-two and a half lb cabbage, 1 large red bell pepper, 1/2 c white wine vinegar, 1/4 c olive oil, 3 tbs sugar, 2 1/4 tsp coarse black pepper, 3/4 tsp salt, 6-8 oz coarsely-grated Parmesan cheese, 3 tbs reduced-fat mayonnaise, 3 tbs reduced-fat sour cream, (do not use nonfat mayo or sour cream)

Cut head of cabbage lengthwise into quarters. Discard center core from each quarter. Slice each quarter crosswise into thin strips. Put cabbage in nonreactive mixing bowl.

Slice pepper, after removing seeds, into thin strips and then 1-inch pieces. Add to cabbage.

In small bowl, mix together vinegar, oil, sugar, pepper and salt. Mix this with the cabbage and peppers. Marinate for 30 minutes.

Whisk together the mayonnaise and sour cream. Add to the cabbage mixture. Add the Parmesan cheese. Refrigerate for 4 or more hours. Bring to room temperature before serving.

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TWIG BENDER
Department of Horticultural Science
305 Alderman Hall
St. Paul, MN 55108
Volume 19, #22, 10/19/01

Weekly Calendar

Monday, October 22
NO APS Seminar

Tuesday, October 23
COAFES Intellectual Property Seminar, 1-5 pm, 155 Earle Brown Center. Experts on patents, trademarks, licensing, and IP policy issues will participate in the event.

Hands-On Session, Organize your personal library with EndNote, 2:30-4:00 pm, Mcgrath Library. Please sign up 4-1212. Open to current faculty, staff, and students.

PBS Colloquium, Genetics and genomics of early events leading to nitrogen-fixing symbiosis on legume roots, Dr. Gabriella Endre, 3:30 pm, 335 BorH.

Wednesday, October 24
Hort Dept Seminar, Engineering alfalfa for aluminum tolerance, Deborah Samac, USDA Ag Research Service, Plant Science Research and Dept of Plant Pathology, 3:30 pm, 310 AlderH.

Nothing much going on these days so this is short!

FIRE DRILL - thanks to all who participated in the fire drill and left the building promptly when the horn sounded. Special thanks to the searchers who made sure the building was clear so we could turn the horn off. Congratulations to Esther Gesick who missed the fire drill but guessed that it would take place on Wednesday at 10:30 am. Esther wins a flashlight set. Cindy Tong.

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TWIG BENDER

Department of Horticultural Science
305 Alderman Hall
St. Paul, MN 55108
Volume 19, #23, 10/26/01

Weekly Calendar

Monday, October 29

Applied Plant Sciences Prelim Exam Discussion, 3:30 p.m. in 306 Borlaug Hall. Twelve people took the Applied Plant Sciences prelim exam on October 9. This discussion may be especially helpful to students who are planning to take exams in the future.

Tuesday, October 30

PBS Colloquium, Thesis Proposal, The effects of long-term fertilization on the mycorrhizal communities of an oak savanna, Pete Avis, 3:30 pm, 335 BorH.

Wednesday, October 31

Hort Dept Seminar, Cytokinins, cell cycle, and CAN endoreduplication in *Maize*, Gerard Engelen-Eigles, 3:30 pm, 310 AlderH.

Thursday, November 1

Public Presentation, Smart Growth in Minnesota: What, Why and How, Ted Mondale, 11:45am-12:45pm, 335 BorH.

Friday, November 2

COAFES Scholarship Reception, 3:30-6:00 pm, Earle Brown Center

PBS Colloquium, Special Seminar, Photoperiod, circadian rhythms and the regulation of flowering, Dr. Rick Amasino, UW-Madison, 3:30 pm, 335 BorH.

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TWIG BENDER

Department of Horticultural Science

305 Alderman Hall

St. Paul, MN 55108

Volume 19, #24, 11/02/01

Weekly Calendar

Monday, November 5

St. Paul Graduate Student Library
Orientation Session, 2:30-4:30 pm for
those student new to the U and from 3-
4:30 pm for advanced graduate students,
Mcgrath Library. Register at
<http://www.lib.umn.edu/registration/>

Tuesday, November 6

Dept USC meeting, 2-3:30 pm, 398
AlderH.

PBS Colloquium, Light, brassinosteroids,
and Arabidopsis development, Dr. Joanne
Chory, Plant Biology Laboratory, Howard
Hughes Medical Institute, 3:30 pm, 335
BorH.

Wednesday, November 7

Hort Dept Seminar, The culture of
disease: how turfgrass cultural practices
affect disease, Dr. Jon Powell, Dept of
Plant Pathology, 3:30 pm, 310 AlderH.

Thursday, November 8

Dept FCC meeting, 9:30-11am, 398 AlderH

Hort Dept meeting for full professors,
1pm, 310 AlderH.

Safety & Security Forum, 1-2 pm, SPSC
Northstar Ballroom.

Friday, November 9

Hort Dept meeting for full & associate
professors, 1:30 pm, 310 AlderH.

COAFES Orientation, 3 pm, COB B25

Master of Ag meeting/social, 5 pm, 310
Alderman Hall. Faculty are encouraged to
attend.

TA's NEEDED - Mary Meyer is looking for
a TA for Hort 1003, Master Gardener
Core Course. Computer experience is a
must. Contact Mary at 952-443-1447 or
at meyer023@umn.edu

WELCOME to **Anna Katharine**, our
enologist at HRC, who writes "Originally
from North Carolina, I received my
Masters in Food Science from Virginia
Tech, where I did research in wine flavor
and worked in the Enology extension lab. I
enjoy competitive road and mountain
cycling, cooking, travel, and playing with
my two spotted dogs. I am excited to be
here making wine with brand-new grape
varieties and assisting the regional
industry. I also look forward to showing
the public that there's good wine to be
found outside of California! I work at the
HRC and can be found in the Enology lab or
in room 111".

SCHOLARSHIP AWARD for students
interested in or already practicing garden
writing or garden photography are eligible
for the scholarship monies offered by the
Garden Writers Foundation. DEADLINE:
Jan 11, 2001 - see Evonne for application.

NOVEMBER BIRTHDAYS - Mike Emerick,
C. Pao, Zoe Kjernes, Cindy Tong, Carl
Rosen, Bud Markhart (big 50), David
Esplin, Jerry Cohen, Bill Peters, Ginny
Coyle. Happy Birthday to all!!!

DEPT COFFEE HOUR - 2nd Wednesday -
Nov 14, 9:30 am - Jim Luby & Kathy Lloyd
to bring treats.

HAVE A GREAT WEEKEND
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TWIG BENDER

Department of Horticultural Science

305 Alderman Hall

St. Paul, MN 55108

Volume 19, #25, 11/09/01

Weekly Calendar

Monday, November 12

APS Seminar, Ancient Mayan Agriculture,
Bill Wingbermuehle, APS grad student,
3:30 pm, 306 BorH.

Tuesday, November 13

Laboratory Employee Training for all lab
personnel, 280 Vet Diagnostics Lab Bldg
Located at 1333 Gortner Ave., St. Paul
Campus, check with Roger Meissner on the
time.

GSC meeting, 1-2 pm, 398 AlderH.

PBS Colloquium, Signal transduction and
cell fate specification in maize endosperm
development, Dr. Philip Becraft, Depts of
Zoology & Genetics/Agronomy, Iowa State
University, 3:30 pm, 335 BorH.

Wednesday, November 14

COAFES Workshop Series - Intellectual
Property and the New Sciences: Plants,
Animals, and Issues of Ownership in the
21st Century, 8-noon, 32 Earle Brown
Center.

Frenatae Honey and Beeswax Candle Sale,
EFW Library and SPSC, 9-3

APS Prelim Exam, 213 Borlaug Hall.

DEPT COFFEE HOUR, 9:30 am, treat by
Jim Luby & Kathy Lloyd, break room.

Hort Dept Seminar, Edward Radcliffe,
Dept. of Entomology, 3:30 pm, 310 AlderH.

Thursday, November 15

Frenatae Honey and Beeswax Candle Sale,
EFW Library and SPSC, 9-3

Deadline to apply for international study in
Costa Rica and Germany. FMI call 612-

625-8797, Susan VonBank, International
Ag Programs.

Friday, November 16

Potluck for Dick Wenkel, 12 noon, 310
AlderH. Donations towards a gift are
being accepted by Laura Kalisch.

Frenatae Honey and Beeswax Candle Sale,
EFW Library and SPSC, 9-12.

DEPT HOLIDAY PARTY - December 8 at
the Minnesota Landscape Arboretum -
invitations will be out SOON.... SAVE THE
DATE - spouses and kids invited

HAVE A GREAT WEEKEND
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Department of Horticultural Science
305 Alderman Hall
St. Paul, MN 55108
Volume 19, #26, 11/16/01

Weekly Calendar

Monday, November 19

APS Seminar, Broad-based approaches to invasive plant management, Luis Moreno-Alvarado, APS grad student, 3:30 pm, 306 BorH.

Tuesday, November 20

PBS Thesis Proposal, Analysis of Maize Tubulin Isoforms and Isootypes, Daniel Griffin, Dept of Pbiology, 3:30 pm, 335 Borlaug.

Wednesday, November 21

No Dept. Seminar

Thursday, November 22

Thanksgiving - U Holiday

Friday, November 23

U Holiday

DEPT HOLIDAY PARTY - December 8 at the Minnesota Landscape Arboretum - Invitations are in your mailbox or mailed. Social hour is 5-6pm and a buffet dinner (vegetarians will be accommodated) will be served sometime after that depending on the entertainment. The Children's Home Society Choir will be performing in the auditorium - our group will be located in the fireplace room and balcony. The Arboretum is open to the public til 8 pm and our group can also enjoy the music, holiday trees in the auditorium and Arbor Lights outside. So the agenda will be casual (dress holiday style) and cost is \$20 per plate at the buffet. Get your reservations in ASAP but no later than November 30. Make that reservation with Kathy Lloyd, 305 AlderH. Please bring a white elephant gift to exchange.

LOOKING AHEAD

Nov 26 - ATTENTION STUDENTS - your MNLA scholarship application is due - leave on Evonne's desk.

Nov 27 - Master of Ag Information Meeting and get acquainted social gathering, 7:00pm, 310 Alderman Hall. Faculty are reminded to attend. Refreshments will be served. Call Evonne (612-624-4242) or Jim (612-624-9231) to make your reservation.

Nov 27 - PBS Colloquium, Adaptive evolution in the photosensory domain of phytochrome A in early angiosperms, Dr. Sarah Mathews, University of Missouri, 3:30 pm, 335 Borlaug.

Nov 27 - Riddle of the Tsangpo Gorges, lecture & book-signing with Explorer & Author Kenneth Storm, Jr., 6:30-8:00pm, Center for Northern Gardeners, 1755 Prior Ave North, Falcon Hts, MN - 651-643-3601 for more information.

Nov 28 - Dept Seminar, Is Myscanthur an Invasive Plant? Mary Meyer, 3:30 pm, 310 AlderH.

HAVE A GREAT WEEKEND
**EVERY FRIDAY IS
MAROON & GOLD
CASUAL FRIDAY**

TWIG BENDER

Department of Horticultural Science
305 Alderman Hall
St. Paul, MN 55108
Volume 19, #27, 11/30/01

Weekly Calendar

Monday, December 3

Rhetoric Dept Head Candidate Seminar, A Vision for the Department of Rhetoric, Dale Sullivan from Michigan Technological University, 10:30 am, 119 COB.

APS Seminar, Jimm Byun, APS Graduate Student, 3:30 pm, 306 BorH.

Tuesday, December 4

PBS Thesis Proposal, Analysis of Maize Tubulin Isoforms and Isootypes, Daniel Griffin, 3:30 pm, 335 BorH.

Wednesday, December 5

Rhetoric Dept Head Candidate Seminar, A Vision for the Department of Rhetoric, Rosaline Tsai from Lawson Software, 10:30 am, Room TBA.

Dept Seminar, Revetation of prairie pothole wetlands in the midcontinental U.S.: 12 years post-reflooding, Susan Galatowitsch, 3:30 pm, 310 AlderH.

Thursday, December 6

Dept FCC 9:30-11 am, 398 AlderH.

Friday, December 7

nothing

DEPT HOLIDAY PARTY - December 8 at the Minnesota Landscape Arboretum - Social hour is 5-6pm and a buffet dinner (vegetarians will be accommodated) will be served 6:30 pm. Bring a white elephant gift to exchange. Enjoy the outside Arbor Lights, the holiday trees, and the Children's Home Society Choir in the auditorium - our group will be upstairs in the fireplace room and balcony. The dress is holiday casual. It will be great fun!!!

DECEMBER BIRTHDAYS include Neil Anderson, Julie Borris, Gerard Engelen-Eigles, Jeff Gillman, Joe Paul. Happy Birthday!!!

DEPT COFFEE HOUR, December 12 at 9:30 am, 310 Alderman Hall Treat provided by Neil, Nadilia, & Kathy. Holiday music by Karin Kettenring and Elizabeth Zimmerman. Don't miss it.

8th ANNUAL MINNESOTA TURF AND GROUNDS FOUNDATION Conference & Trade Show, December 4, 5, 6, 2001, Minneapolis Convention Center. Students register for \$10. Excellent lineup of speakers for the general program. The Trade Show is open Tuesday and Wednesday with the ALL INDUSTRY Reception held on the Trade Show floor Tuesday from 4:30-6:30. Information leaflet on counter in 305 Alderman.

UNDERGRADUATE STUDENTS IN ENVIRONMENTAL HORTICULTURE: two scholarship opportunities. The department is now requesting your application for our many scholarships awarded annually. You will find a "hard" copy in your mailbox or you may apply on-line at the department's home page, www.hort.agri.umn.edu. Look in the box with Undergraduate and Graduate Programs, click on scholarships and there you will find "scholarship application form". Also a good idea to confirm with Evonne in 305 Alderman that your on-line application was received. They are due January 25, 2002.

ALSO

The First District of the Minnesota State Horticultural Society is pleased to announce that applications are being accepted for the Les Hedegard Memorial Scholarship awarded March 9, 2002 at their spring meeting in Rochester. Applicant must originate from, or have a parent or a grandparent residing with the twelve-county 1st District which is comprised of these counties in Southeastern Minnesota: Dodge, Fillmore, Freeborn, Goodhue, Houston, Mower, Olmsted, Rice, Steele, Wabasha, Waseca, and Winona. See posting in 3rd floor lobby bulletin board, Alderman Hall. Pick up application form from Evonne in 305 Alderman.

AMERICAN ASSOCIATION for the ADVANCEMENT of SCIENCE (AAAS) announces fellowship opportunities for scientist and engineers. These programs provide opportunities for postdoctoral to midcareer scientists and engineers to work for one year in Washington, DC, in areas of public policy as they relate to science & technology. Application deadling, January 10, 2002. Check out www.fellowships.aaas.org

COMPLEAT SCHOLAR PROGRAM is seeking persons interested in teaching for this program. Contact Claire Walter at 4-4972 or cwalterm@cce.umn.edu

HAVE A GREAT WEEKEND

EVERY FRIDAY IS

MAROON & GOLD

CASUAL FRIDAY

TWIG BENDER

Department of Horticultural Science
305 Alderman Hall
St. Paul, MN 55108
Volume 19, #28, 12/07/01

Weekly Calendar

Saturday, Dec 8

Dept. Holiday Party, 5-10pm, Minnesota Landscape Arboretum. Hors D'oeuvres between 5-6 and buffet dinner at 6:30 pm on the balcony/fireplace room. Remember to bring a WHITE ELEPHANT GIFT (wrapped). See ya there!

Monday, December 10

APS Seminar, discussion of Nov 14 prelim, 3:30 pm, 306 BorH.

Hort Club Meeting, 4 pm, 423 Alderman. We're making Holiday wreaths and boxwood trees (floral arrangement) for the club's sale and one to take home for yourself. Come learn how!!!

Tuesday, December 11

Rhetoric Dept Head Candidate Seminar, A Vision for the Department of Rhetoric, Victoria Mikelonis, U of MN, 10:30 am, 119 COB.

USC, 2-3:30, 398 AlderH.

PBS Colloquium, High throughput comparative and functional analysis of a collection of Arabidopsis and Maize full-length cDNAs, Dr. Ken Feldmann, CERES, Inc., Malibu, CA, 3:30 pm, 335 BorH.

Wednesday, December 12

Hort Club Holiday Plant Sale, 9-5, SPSC.

Dept Coffee Hour, 9:30 am, 310 Alderman
Treats provided by Neil, Nadilia, & Kathy.
Holiday music by Karin Kettnering and Elizabeth Zimmerman. Don't miss it.

Hort Faculty Meeting, 1 pm, 310 AlderH.

Thursday, December 13

California or BUST

Friday, December 14

Town Hall Meeting for Greenhouse users concerning changes to St. Paul Plant Growth Facilities, 3 pm, 335 BorH.
Everyone Welcome

BIRTH ANNOUNCEMENTS - Kit Powell Bitner, born to Karri & Jeff Bitner on September 1st. Beautiful son with pudgy cheeks, dimples, long lashes, strong lungs and weighs 8 lbs 3.6 oz & 20 inches.

Josephine Rose Carson, welcomed by siblings Noah and Lizzy, was born to Troy and Sara, on November 4th at 9 lbs, 11 oz - 22 inches tall. What a gorgeous child.

These announcements with pictures are located on the bulletin board across from Kathy' counter.

STUDENTS please stop in the main office or see your advisor for a pass good for FREE STUDENT ADMISSION to the Minnesota Nursery and Landscape Association Career Fair, January 11 at the Mpls Convention Center, 10am-1pm. Over 30 companies from around the region will be on hand to answer questions and arrange interviews.

WORD that Roger Becker is doing well after his surgery and is in St. Joseph's, St. Paul, til Monday.

BRING A TOY FOR THE "TOYS FOR TOTS" PROGRAM. Fill box in 305 Alderman

HAVE A GREAT WEEKEND

Let it snow, let it snow, let it snow

TWIG BENDER

Department of Horticultural Science

305 Alderman Hall

St. Paul, MN 55108

Volume 19, #29, 12/21/01

December 24 & 25, 2001

The University is closed. Happy Holidays.

December 31, 2001 and January 1, 2002

The University is closed. Happy New Year.

Looking Ahead:

Kermit Olson, March 9, 2002. Dr. Roger Ulrich, Professor/Director, Center for Health Systems & Design/Professor, Education: Department of Architecture, Texas A & M University will present the Kermit Olson Memorial Lecture. Green Hall has been reserved and the reception will be in 310 Alderman Hall at 5:00.

Don't Throw it Away!

University Computer Services will pick-up departmental computer products (CPU, monitor, keyboard, mouse, other hardware) located on the Twin Cities campus free of charge and recycle or dispose of them properly according to the University recycling policies. This is an alternative option to "throwing it away" that may benefit others in the University community, as well as the environment.

Schedule a pick-up appointment. Call University Computer Services at 612-624-4800 to schedule a pick-up appointment. Thanks Mary Meyer for the info.

Spring semester. First day of classes begin on January 16, 2002.

May 7 - 12 - FINAL EXAMINATIONS

Out on Vacation:

Evonne Kuyper, December 13, 2001 to January 2, 2002.

Kathy Cotter Lloyd, December 24, 2001 to January 2, 2002.

Zoe Kjernes, December 20, 2001 to December 26, 2002 (in on the 27th).

+ + + + +

2002

*Happy
Holidays and a
Very Merry New
Year*

TWIG BENDER

Department of Horticultural Science
305 Alderman Hall
St. Paul, MN 55108
Volume 20, #01, 1/18/02

Weekly Calendar

Monday, January 21

University Holiday - Martin Luther King, Jr. Day

Tuesday, January 22

Spring Semester begins - WELCOME BACK STUDENTS - it's been lonesome without you!!!

Wednesday, January 23

Dept Seminar, Making Agriculture Sustainable: Is There a Role for the Horticulturist? Professor Marvin Pritts, Extension, Research, and Teaching in small fruit production systems, Dept of Horticulture, Cornell University, 3:30 pm, 310 AlderH.

WELCOME - Dr. Carl Rosen is on board as Interim Department Head for the Department of Horticultural Science. His e-mail is rosen006@umn.edu, phone number is 612-624-7711, room 305A Alderman Hall. We are having a welcome potluck for Carl on January 30 at 12 noon in 310 Alderman.

WELCOME - the Hort office has a new student worker - her name is Talia Russo. Stop by and say hello. She is in the College of Human Ecology studying family social science. She is also from Wisconsin. GO PACKERS.

CENTER FOR PLANT AND HUMAN HEALTH - The Director is Gary Gardner, and the Coordinator is Karen Kaehler. Gary is located in 352 Alderman Hall, phone number is 612-624-3606 and Karen is in 354 Alderman at 612-624-3299.

ATTENTION UNDERGRADS:

Several Internship Directories have arrived on my desk - please stop by and check out the Association of Zoological Horticulture and the American Association of Botanical Gardens and Arboreta - Evonne in 305 Alderman.

UNDERGRAD SCHOLARSHIP

OPPORTUNITIES - don't forget to apply for the dept scholarships - deadline is January 25th. Paper application forms are in your mailbox or apply on-line at www.hort.agri.umn.edu under "undergraduate and graduate programs".

FEDERATED GARDEN CLUBS OF

MINNESOTA is requesting applications for their scholarship awards by March 1, 2002 - these are available to junior, senior or graduate students majoring in horticulture, floriculture, landscape design, conservation, forestry, agronomy, botany, biology with a minimum of 3.0 GPA. Forms are available from Evonne in 305 Alderman.

HORT DEPT OUTSTANDING CIVIL

SERVICES AWARDS - please make your nominations and turn into Laura Kalisch by January 31.

MAROON & GOLD CASUAL FRIDAYS

HAVE A GREAT WEEKEND

Let it snow, let it snow, let it snow

TWIG BENDER

Department of Horticultural Science
305 Alderman Hall
St. Paul, MN 55108
Volume 20, #02, 1/25/02

Weekly Calendar

Monday, January 28

Dept. FCC meeting, 9:00 am, 398 AlderH.

APS Seminar, Invasiveness of ornamental crops, Nadilia Gomez, APS Grad Student, 3:30 pm, 306 BorH.

Tuesday, January 29

APS PRELIM PAPERS READY - Check with Evonne in 305 Alderman - next prelim exam on Feb 12 in 304 Hayes.

Plant Biology Plant Development Candidate Seminar, Exploring Natural Variation in Arabidopsis Light Signaling, Dr. Julin Maloof, Plant Biology Lab, The Salk Institute for Biological Studies, San Diego, CA 3:30 pm, 335 BorH.

Winter Workshops at Mcgrath Library, Organizing your personal library using EndNote 2:30-4:00. Register at www.lib.umn.edu/registration

Wednesday, January 30

Dept Seminar Kickoff, Pot Luck at 12:00 noon in 310 Alderman to welcome Interim Department Head, Carl Rosen.

Grad Club Meeting, 3:00 pm, 306 BorH.
Grad students are encouraged to attend.

Thursday, January 31

Dept USC Meeting, 1:00-2:30 pm, 398 Alderman.

Plant Biology Development/Genomics Candidate Seminar, KANADI and the genetic regulation of leaf polarity, Dr. Randall Kerstetter, U of Penn, 3:30 pm, B45 COB,

Friday, February 1

Plant Biology Development/Genomics Candidate Chalk Talk, The identification of new mutants and molecules that control leaf polarity in Arabidopsis, Dr. Randall Kerstetter, U of Penn, 1:15 pm, 239 Gortner Lab,

NO NEWS - FOR
HEAVENS SAKE, TURN
IN NEWSY STUFF TO
EVONNE EACH
WEDNESDAY.....

MAROON & GOLD
CASUAL FRIDAYS

HAVE A GREAT WEEKEND

Let it snow, let it snow, let it snow

GO GOPHERS

TWIG BENDER

Department of Horticultural Science

305 Alderman Hall

St. Paul, MN 55108

Volume 20, #03, 2/01/02

Weekly Calendar

Monday, February 4

APS Seminar - no seminar but an information meeting for class participants, 3:30 pm, 306 BorH.

Tuesday, February 5

DEADLINE for faculty PLANS & ACCOMPLISHMENTS - See Laura if yours will be late.....

PBS Colloquium, Molecular mechanisms of auxin biosynthesis and signal transduction,

Dr. Yunde Zhao, Plant Biology Lab, The Salk Institute, 3:30 pm, 335 BorH.

Wednesday, February 6

PBS Chalk Talk, Dissection of auxin biosynthesis and signal transduction pathways, Dr. Yunde Zhao, Plant Biology Lab, The Salk Institute, 11:00 am, 239 Gortner Lab.

Dept GSC, 12:30-2:30 pm, 398 AlderH.

Dept Seminar, The parameters of online tutoring, Tim Giles, Graduate Instructor, Dept of Rhetoric and Online Writing Center, 3:30 pm, 310 AlderH.

Friday, February 8

Appreciation Reception honoring Dr. Gary M. Gardner for his 11 years of distinguished service as Department Head for the Department of Horticultural Science, Time: 4-6 pm, 310 AlderH.

FEBRUARY BIRTHDAYS....

Deb Brown (2), Ryan Hayes (3), Serena Sjolund (4), Sue Galatowitsch (8), Harpartap Mann (12), Don White (15), Harold Pellett (17), Ioana Dinu (27).
HAPPY BIRTHDAY EVERYONE!!

CONGRATULATIONS - to another completed Ph.D.er - Van Cline handed in his thesis book in December.....Title: Population Dynamics of *Poa annua* L. on a Northern Golf Course".

KUDOS to Julie Weiland, who has been selected as the 2002 Outstanding Horticulture Undergraduate Student representing the Department of Horticultural Science, University of Minnoesta. Her picture will appear in the April 2002 issue of ASHS Newsletter. Congratulations.

UNDERGRADUATE SCHOLARSHIP - Phil C. Hamm Memorial Scholarship announces a \$1,000 award for a junior or senior with an outstanding scholastic record. Deadline to apply is Feb 15.

ELECTRONIC MAILING - if you wish to receive the Food Science & Nutrition graduate seminar schedule, please e-mail them at jkurland@umn.edu

ANNOUNCING the new Turfgrass Science website - check it out @ www.turf.umn.edu

NEW HORT CLUB OFFICERS FOR 2002

President:	Tara Dibble
V-President:	Bryn Fricsek
Secretary:	Tracy Melberg
Treasurer:	Jon Rabe
Sr. GH Manager:	Tamara Basara
Jr. GH Manager:	Dan Jacobson
Historian:	Angie Casemore

CONGRATULATIONS!!!!!!!!!!!!!!

HORT CLUB SALE DATES ANNOUNCED:

Feb 13, 14	Valentine's Sale
Location: SPSC 1 st floor by post office	
May 9-11	Spring Plant Sale

***Let it snow, let it snow, let it snow"

TWIG BENDER

Department of Horticultural Science

305 Alderman Hall

St. Paul, MN 55108

Volume 20, #04, 2/15/02

Weekly Calendar

Monday, February 18

APS Seminar -Herbicide Resistance in Weeds. David Bowen, APS Grad Student, 3:30 pm, 306 BorH.

Tuesday, February 19

Dept. Civil Service Awards Committee, 1:00 pm, 398 AlderH.

Plant Biology Plant Development Candidate Seminar, The retinoblastoma (Rb) pathway in Chlamydomonas: a link between cell size, cell cycle control, and multicellular evolution, Dr. Jim Umen, Dept. of Biology, Washington University/St. Louis, 3:30 pm, 335 BorH.

Wednesday, February 20

Plant Biology Plant Development Candidate Chalk Talk, Elucidating the Rb-mediated size control pathway in Chlamydomonas, Dr. Jim Umen, Dept. of Biology, Washington University/St. Louis, 11 am, 239 Gortner Lab.

The Exotic Plant Lunch Bunch (brown bagger) will meet from 12-1, 310 AlderH.

Dept. Seminar, Bob Olen, Extension Educator, St. Louis County, 3:30 pm, 310 AlderH.

Dept GSC, 12:30-2:30 pm, 398 AlderH.

Thursday, February 21

Plant Biology Genomics Candidate Seminar, Analyzing Genotype-Phenotype, Dr. Michael Cummings, The Josephine Bay Paul Center for Comparative Molecular Biology and Evolution, 3:30 pm, B45 COB

Friday, February 22

Plant Biology Genomics Candidate Chalk Talk, Plant Comparative Genomics: Gene Family Organization and Dynamics, Dr. Michael Cummings, 1:15 pm, 239 Gortner Lab.

NO NEWS

HOW BORING

***Let it snow, let it snow, let it snow"

MAROON & GOLD CASUAL FRIDAYS

HAVE A GREAT WEEKEND

GO GOPHER

TWIG BENDER

Department of Horticultural Science
305 Alderman Hall
St. Paul, MN 55108
Volume 20, #05, 3/8/02

TODAY, MARCH 8

APS Special Seminar, People, Plants, and Drugs: An Introduction to Ethnopharmacology, Dr. Dennis J. McKenna, U of MN Center for Spirituality and Healing, 12:30 pm, 306 BorH.

Weekly Calendar

Monday, March 11

Dept FCC, 9-11 am, 398 AlderH.

Hort SPECIAL SEMINAR, The plant heat stress response is controlled by a network of transcription factors and chaperones, Dr. Lutz Nover, Professor for Molecular Cell Biology & Coordinator of the Arabidopsis Functional Genomics Network (AFGN) Institute of Botany of the Goethe University, Frankfurt, 11-12 noon, 310 AlderH. Contact Jerry Cohen (612-624-9212 or cohen047@umn.edu) to meet with Dr. Nover.

APS Seminar, Restoring the Pine Barrens of Northwest Wisconsin, Kristine Maki, APS Grad Student, 3:30 pm, 306 BorH.

Library offerings, Sci-Finder: Web Access to Chemical Abstracts, 3-3:45 pm, Magrath Library.

Wednesday, March 13

APS Prelim Exam, 8:30-3:30 pm, 213 Borlaug Hall.

Exotic Plant Lunch Bunch, 12-1pm, Brown Bagger, 310 AlderH.

Hort Faculty, 1pm, 310 AlderH.

Hort Dept Seminar, Constructivist Instructional Design and WebCT Integration, Dan Lim, Director, Instructional Technology Center (ITC),

Center for Tech Support, 3:30 pm, 310 AlderH.

Thursday, March 14

Hort USC, 1-3 pm, 398 AlderH.

Library offerings, e-JOURNALS: tips and Tricks, 3:30-4 pm AND Automatic E-mail Updates from Current Contents and Biosis, 4-4:30 pm, Magrath Library.

MARCH BIRTHDAYS.....

David Zlesak (2), Karen Koehler (12), Jerry Johnson (14), Kristine Maki (22), Stan Hokanson (28), Danielle Posch (31).
CONGRATULATIONS!!!!!!!!!!!!!!

VOLUNTEERS NEEDED - community groups are needed for a hands-on service project to protect the Mississippi River - great for Scouts, clubs, schools, churches, corporations, families, individuals. Contact Katie at Friends of the Mississippi River at 651-222-2193 or kqallowa@fmr.org

TAKE OUR DAUGHTERS TO WORK 2002 is April 25. There is a response sheet posted across from faculty mailboxes if you would like to be listed in the events brochure as a supporter of the day.

CONGRATULATIONS to the scholarship & awards winner at the Kermit Olson Memorial Lecture.....

MAROON & GOLD
CASUAL FRIDAYS

GO GOPHER

TWIG BENDER

Department of Horticultural Science

305 Alderman Hall

St. Paul, MN 55108

Volume 20, #06, 3/29/02

Weekly Calendar

Monday, April 1 - April Fool's Day

APS Seminar, Gene targeting in plants: how to make it work, Irina Makarevitch, 3:30 pm, 306 BorH.

Hort FCC - 12 noon to eternity, 398 Alderman Hall (no foolin)

Tuesday, April 2

Tune in to WCCO 830 am at 1 pm for "Beyond the U", a monthly radio call-in show hosted by President Mark Yudof and Judy. This month, Mary Meyer, will join the Yudof's to discuss the 25th Anniversary of the Mater Gardener's program.

A2K2 Agriculture 2002 4th Annual Agricultural Leadership Conference, "We are the Strongest Link", Ramada Inn & Conference Center NW in Brooklyn Park.

Writing Winning Grants, McNamara Alumni Center, ELI Classroom A&B...registration fee is \$170... also offered on April 26...info across from faculty mailboxes.

Wednesday, April 3

Dept Coffee Hour - David Zlesak bringing treats...9:30 am, break room.

KUDOS to.....**David Zlesak**, outstanding graduate student who received the Alderman Scholarship Award at the Kermit Olson Lecture last month.....and **Ryan Hayes**, outstanding graduate student who will receive the Hamm Memorial Scholarship Award on April 30 at the Hamm Memorial Lecture, 4pm, SPSC Theatre.

SCHOLARSHIP ANNOUNCEMENT - Men's Garden Club of Minneapolis will be

awarding 3 scholarship of \$1,000 to students of horticulture. Deadline is May 31, 2002. See Evonne for application.

APRIL BIRTHDAYS.....

Peter Olin (16), Karen Hokanson (24)....

Is that all....anyone else???

CONGRATULATIONS!!!!!!!!!!!!!!

BIG BUGS - the Minnesota Landscape Arboretum will host a collection of 13 giant wood sculptures, known as Dave Rogers' "Big Bugs" from May 3 - Sept. 28, 2003. Although this collection has been on display at botanical gardens across the country for the last eight years, the Arboretum's exhibition will be the first of its kind in our five-state area and beyond. Be sure to see this collection.....Peter O.

25 YEARS MASTER GARDENING - The University of Minnesota Extension Service's Master Gardeners program has been helping Minnesotans grow healthier, more bountiful, beautiful gardens for a quarter century. Master Gardeners are professionally trained volunteers who provide gardening information and education to their communities through classes, booths at fairs and garden centers, telephone answer lines, e-mail and electronic bulletin boards, school gardening projects, and work with hospitals and nursing homes. For answers to gardening or tree care questions, contact a Master Gardener in your local county. "Happy 25th"

LOOKING AHEAD

April 25 Take our Daughters to Work

May 19-21 Foods for Health Conference, Radisson Hotel Metrodome. COAFES faculty & staff may register at www.coafes.umn.edu/nabc2002/UofMregis

TWIG BENDER

Department of Horticultural Science
305 Alderman Hall
St. Paul, MN 55108
Volume 20, #07, 4/05/02

Weekly Calendar

Monday, April 8

APS Seminar, Characterization and Analysis of Tillering Mutants in Barley, Carla Otto, PhD graduate student, 3:30 pm, 306 BorH.

Tuesday, April 9

PBS Colloquium, From Mist and Salt-Spray: The Lichens of haida Gwaii, Dr. Irwin Brodo, National Museum of Canada, 3:30 pm, 335 BorH.

Wednesday, April 10

Exotic Plant Lunch Bunch, 12-1pm, 398 AlderH.

APS Prelim Discussion of Feb 13 Crop Management & Agroecology question lead by Wyse, Porter, Fritz, 12 noon, 310 AlderH.

Hort Faculty Mtg, 1 pm, 310 AlderH.

All Hort Dept Meeting, 2-3 pm, 310 AlderH. This is an opportunity to interact with the Hort Department Head Search Committee.

Hort Seminar, Hormonal Regulation of Early Pea Fruit Development, Dr. Jocelyn Ozga, University of Alberta, 3:30 pm, 310 AlderH.

APRIL BIRTHDAYS.....

Not to forget our student office assistant, Talia Russo (29)...
CONGRATULATIONS!!!!!!!!!!!!!!

LOOKING AHEAD

April 25 Take our Daughters to Work

April 29 - Intellectual Property & Animal Science: New Challenges, New Directions, 1-4:30 33 McNeal Hall

May 2 - Historic Landscape Preservation Conference, Mn Landscape Arboretum, 8am-4pm, sponsored by ASLA and CALA, U of MN. Cost is \$80 for Arboretum members/\$95 for non-members. To register 952-443-1516.

May 19-21 Foods for Health Conference, Radisson Hotel Metrodome. COAFES faculty & staff may register at www.coafes.umn.edu/nabc2002/UofMregister.html Students should register at the conference website for the special student rate. Scholarships are available.

May 9-11 - Hort Club Spring Plant Sale

MAROON & GOLD
CASUAL FRIDAYS

GO GOPHER
HOCKEY TEAM

FROZEN FOUR

TWIG BENDER

Department of Horticultural Science
305 Alderman Hall
St. Paul, MN 55108
Volume 20, #07, 4/12/02

Weekly Calendar

Monday, April 15

APS Seminar, Characterization and Analysis of Tillering Mutants in Barley, Carla Otto, PhD grad student, 3:30 pm, 306 BorH.

Tuesday, April 16

Soda Tech Mtg, 10:30 am, 398 AlderH.

Wednesday, April 17

Master Gardeners Lunch, 310 AlderH.

Thursday, April 18

Discussion of Mar 13 Plant Responses to Biotic and Abiotic Stress PRELIM question, 12 noon (brown bagger), 310 AlderH. Discussion led by Gillman, Li, Gunsolus.

Master of Agriculture in Horticulture Final Oral Presentation, The Railroad Worm (the making of a children's book), Carol Hough, 3 pm, 310 AlderH. Open to everyone.

Friday, April 19

Ethics Seminar for all APS grad students, 12 noon, 306BorH. The title is Strategies and Practices for Avoiding Plagiarism, presented by Ilene Alexander, Center for Teaching & Learning. Pizza provided

CPHH Seminar, Omega-3 Polyunsaturated Fatty Acids in Health and Disease, Greg Plotnikoff/Doug Bibus, Hormel Institute, 1:30-3:00 pm, 306 BorH.

* * * * *

KUDOS to Duane Preston, who received the Agsco "Excellence in Extension Award, Senior Career Award from North Dakota State University on March 19th.

CONGRATULATIONS to the U of MN Flower Judging Team--Bryn Fricsek, Julie Weiland, Nate Goebel, and Mary Jo Rosenow! Our judging team placed first in the potted plant division and fourth overall in the nation! Bryn was also the third best judge in all judging classes (cuts and potted) and Nate placed fifth in the potted plant division. This is the best the U of M team has ever done. Neil Anderson and David Zlesak served as the Coach and Assistant Coach, respectively. We are proud of you! (*Submitted by Neil Anderson*)

LOOKING AHEAD

April 25 - Spring Welcome Reception for incoming students. Hort Faculty advisers are invited to attend for a special evening of hors d'oeuvres and warm conversation, 6-8pm, EBC.

April 29 - Seminar on Intellectual Property, 1-4:30 pm, 33 McNeal Hall. RSVP to ip-science@mail.coafes.umn.edu ASAP

April 30 - Hamm Memorial Lecture, 3:30 pm, SPSC Theatre Lobby.

MAROON & GOLD

CASUAL FRIDAYS

THEY'RE # 1
GOPHER HOCKEY
TEAM

NCAA

TWIG BENDER

Department of Horticultural Science
305 Alderman Hall
St. Paul, MN 55108
Volume 20, #08, 4/19/02

Weekly Calendar

Monday, April 22 EARTH DAY

Plant Molecular Genetics Seminar, A novel psbA gene from indigenous atrazine-resistant cyanobacteria, Dr. Michael Sadowsky, 11:45 am, 239 Gortner Lab.

APS Seminar, Seed arrival and germination limitations of Carex spp. in restored prairie pothole wetlands, Karin Kettenring, APS Grad Student, 3:30 pm, 306 BorH.

Wednesday, April 24 SECRETARY'S DAY

Coffee Hour, 9:30 am, break room. Anyone can bring treats.

Thursday, April 25

Discussion of Mar 13 Plant Breeding & Genetics PRELIM question, 12 noon (brown bagger), 310 AlderH. Discussion led by Muehlbauer, Bernardo, Hokanson.

Spring Welcome Reception for incoming students. Hort Faculty advisers are encouraged to attend for a special evening of hors d'oeuvres and warm conversation, 6-8pm, EBC.

Friday, April 26

COAFES sponsors Junior Preview Day. Jim Luby will meet with prospective undergraduate students between 9:30-10 am. Roger Meissner will conduct greenhouse tour from 10-10:30 am

* * * * *

CONGRATULATIONS

NEW TURF CLUB OFFICERS FOR 2002-2003

President-Andrew Carlson-carl0202@hotmail.com

Vice President-Grant Blumreich gb464@hotmail.com

Treasurer - Tony Dutchin dutc0017@umn.edu

Secretary - Neil Roberts - robe0082@umn.edu

Chapter liaison - Justin Funk - funk0064@umn.edu

Alumni liaison-Paul Wichmann wich0030@umn.edu

LOOKING AHEAD

May 10 - Reception for Jane McKinnon, 2 pm, 310 Alderman

May 11 - Join Master Gardeners in Celebrating 25 Years of Volunteer Service. All former and current Master Gardener instructors and Extension Administrators are cordially invited to attend a Birthday Party Celebration at the North Star Ballroom of the St. Paul Student Center from 3-5 PM. A short program will be held at 3:30 PM. Join us for cake and ice cream! See old friends and new Master Gardeners. All Master Gardeners, active and inactive, anyone who has ever taken the training, or assisted with the program in teaching, management, or administration, at the county or state level, is invited to attend the celebration. Many of the past program coordinators, including Jane McKinnon will be there. We look forward to seeing you! Contact 952-443-1442 to register (\$5 fee) or for more information. Mary Meyer, Extension Horticulturist & State Master Gardener Coordinator

MAROON & GOLD

CASUAL FRIDAYS

(I want to see more maroon & gold on Fridays!!!)

TWIG BENDER

Department of Horticultural Science
305 Alderman Hall
St. Paul, MN 55108
Volume 20, #09, 4/26/02

Weekly Calendar

Monday, April 29

APS Seminar, Arabidopsis as a bioindicator of DNA damage due to environmental contaminants, Michael Pumphrey, APS Grad Student, 3:30 pm, 306 BorH.

Tuesday, April 30

Master of Agriculture in Horticulture Final Oral Presentation, Transitioning a Woodland, Joanie Somerville, 2 pm, 310 AlderH. Everyone Welcome!

Hamm Memorial Lecture, Phytochrome Photosensory Signaling Networks, Dr. Peter Quail, Plant & Microbial Biology, U of Cal-Berkeley, and Director of Research, USDA Plant Gene Expression Center, Albany, CA, 3:30 pm, SPSC Theatre. Everyone Welcome!

Wednesday, May 1

Grad student lunch with Rajeev Arora, seminar speaker from ISU, 12:15 pm, 310 AlderH.

Dept Seminar, Systems and approaches to studying plant response to low temperature stress: Freeze-injury and cold acclimation, Rajeev Arora, Iowa State University, 3:30 pm, 310 AlderH.

* * * * *

CONGRATULATIONS

Karina Zambreno successfully completed her M.S. on April 9th.....

CORRECTION: Dr. Widmer, our emeritus professor in floriculture, kindly pointed out that in 1973 the University of Minnesota won the national flower judging contest. In addition, Ollie Hoffman placed as the third top judge in the 1959 contest. Ollie is now the sales representative for the Fred Gloeckner Company. So, both Ollie Hoffman and Bryn Fricke (in this year's contest) have the honor of being the third best judges from the U in a contest. For more historical information, consult Dr. Widmer's book "A history of Minnesota Floriculture". Submitted by Neil Anderson. Copies available in 398 AlderH.

LOOKING AHEAD

May 3 - Master of Agriculture in Horticulture Final Oral Presentation, Designing an adult education program: Aquatic plant identification & mapping workshop, Darlene Charboneau, 8:30 am, 310 AlderH. Everyone Welcome!

May 8 - Exotic Lunch Bunch, noon, 398 AlderH.

May 9-11 - HORT CLUB SPRING PLANT SALE

May 10 - Reception for Jane McKinnon, 2 pm, 310 Alderman

May 11 - Join Master Gardeners in Celebrating 25 Years of Volunteer Service at the North Star Ballroom of the St. Paul Student Center from 3-5 PM.

May 13 - Retirement Party for Dr. Tom Soulen, 38 years of outstanding service on the faculty of Plant Biology, 3-5 pm, 22 McNeal Hall. RSVP to Odette Holter (oholter@cbs.umn.edu)

May 21 - 65th Annual St. Paul Campus Retirement Recognition Luncheon, noon-1 pm, North Star Ballroom. Tickets are \$10 and available from Betty Davidson, 612-625-7061 4/24-5/10....

May 22 - Center for Plants & Human Health Symposium, William G. Shepherd Room, Frederick R. Weisman Art Museum. To register, 612-624-3299 or cphh@umn.edu

MAROON & GOLD

CASUAL FRIDAYS

TWIG BENDER

Department of Horticultural Science
305 Alderman Hall
St. Paul, MN 55108
Volume 20, #10, 5/3/02

Weekly Calendar

Monday, May 6

Special Seminar, Oats, corn and sugar: Carbohydrates and the addictive response, Dr. Kathleen DesMaisons, President and Founder of Radiant Recovery, 9:30-11 am, 306 BorH. Dr. DesMaisons has authored three bestselling books, "Potatoes Not Prozac", "The Sugar Addict's Total Recovery Program", and "Your Last Diet".

Assoc. Dean for Extension Candidate Seminar, Dean Herzfeld, Extension Educator & Associate Professor, Plant Pathology, 10 am, 145 Peters Hall.

APS Seminar, Concentration of Agribusiness: Ahh, the power of seeds, Christopher Herman, APS Grad Student, 3:30 pm, 306 BorH.

Wednesday, May 8

Assoc. Dean for Extension Candidate Seminar, Richard Nelson, Director Center for Agriculture & Natural Resources, U of MN, Crookston, 10 am, 145 Peters Hall.

Exotic Lunch Bunch, noon, 398 AlderH.

Hort Faculty Meeting, 1 pm, 310 AlderH.

Thursday, May 9

HORT CLUB SPRING PLANT SALE, 9 am, SPSC lawn

USC Meeting, 1 pm, 398 AlderH. - committee will be reviewing teaching dossiers.

Friday, May 10

Last day of Spring Semester

HORT CLUB SPRING PLANT SALE

Reception for Jane McKinnon, 2 pm, 310 Alderman

Saturday, May 11

HORT CLUB SPRING PLANT SALE til noon

Join Master Gardeners in Celebrating 25 Years of Volunteer Service at the North Star Ballroom of the St. Paul Student Center from 3-5 PM.

SPECIAL THANKS: Last Monday the College hosted 135 floriculture and 98 Nursery/Landscape students. Please join me in thanking Mike Zins, Brad Pedersen, Emily Hoover, Neil Anderson, John Erwin, Paul Wichman, Evonne Kuyper and Talia Russo for their help in organizing FFA activities. Their efforts for our recruiting process are most appreciated. Another thank you goes to Emily Hoover for hosting 28 math and science high school students from Brainerd on May 1. Carl Rosen, Interim Head

LOOKING AHEAD:

May 12 - COAFES Graduation, Northrop, 2 pm.

May 13-18 - Final Examinations Week

May 28 - May Session begins

June 6 - Hort Teaching Retreat, 8am-3pm, 310 Alderman

MAROON & GOLD

CASUAL FRIDAYS

TWIG BENDER

Department of Horticultural Science
305 Alderman Hall
St. Paul, MN 55108
Volume 20, #11, 5/10/02

Weekly Calendar FINAL EXAM WEEK

Monday, May 13

Hort Dept. Retreat @ MN Landscape Arboretum

Assoc. Dean for Extension Candidate Seminar, Karl Foord, Extension Educator (Dakota County), 10 am, 145 Peters Hall.

Retirement Party for Tom Soulen, 3 pm, 22 McNeal

Tuesday, May 14

Sota Tec Mtg, 10:30 am, 310 AlderH.

Wednesday, May 15

End of Semester Department Pot Luck, 11:30-1:00 pm - bring a dish to share....dinnerware supplied.

Dept computer committee meeting, 2-3 pm, 398 AlderH.

Thursday, May 16

COAFES Faculty Assembly, 10 am.

Friday, May 17

Assoc. Dean for Extension Candidate Seminar, Jim Linn, Professor, Animal Science, 9 am, 145 Peters Hall.

FAREWELL and GOOD LUCK to our student employee in the main office, Talia Russo is continuing her studies in Florida and will be leaving us May 17. Thanks!

CONGRATULATIONS TO OUR ENVIRONMENTAL HORTICULTURE SENIORS WHO ARE GRADUATING SUNDAY, May 12 - COAFES Graduation, Northrop, 2 pm. Sara Bauer, Laura Baune, Gary Deters, Bret Dibbles, Laura Ducklow, Wendy Gagne, Brandon Kalland, Kevin Laumann, Matthew McDonough, Elizabeth Pfund, Jonah Reyes, Mary Jo Rosenow, John Stadelman, Dan Stang, Eric Unger, Jessica Vieths, Julie Weiland, and Susan Wilkins.

MAY BIRTHDAYS - Paul Li (4), Karina Zambreno (7), Karin Kettenring (9), Neil Mattson (29), Elizabeth Zimmerman (30).

MAROON & GOLD

CASUAL FRIDAYS

TWIG BENDER

Department of Horticultural Science
305 Alderman Hall
St. Paul, MN 55108
Volume 20, #12, 09/20/02

The TWIG is back - May 10 was the last issue for the school year and many phone calls have been received over the summer - it seems the ol' TWIG has been missed. I want to encourage you to continue sending me information about meetings, awards, personal celebrations, etc....

kuype001@umn.edu

If you do not want to receive the Twig, please let me know that also. It is e-mailed to all hort department faculty, staff, and students in our programs plus "green" hard copies are available on the counter across from faculty mailboxes.

CALENDAR

Friday, September 20 - TODAY - APS New Graduate Student Orientation, 3:30 pm, 310 Alderman. Free pizza @ 5 pm.

Monday, September 23

USC (Undergraduate Studies Committee), 10-11am, 398 AlderH.

APS Seminar, Breeding for phyloxera resistance in grape rootstocks, by Dimitre Mollov, APS grad student, 3:30 pm, 306 BorH.

Tuesday, September 24

Dept FCC, 9 am, 398 AlderH.

PBS Colloquium, The genetic basis of life-history traits in natural *Arabidopsis* populations, by Dr. Cynthia Weinig, 3:30 pm, 335 BorH.

Wednesday, September 25

Welcome Party for two new employees on board in the Accounting Office. Come meet Diane (Di) Nguyen and Dana Lehigh between 9:30-10:30 a.m. There will be food and good conversation for everyone to enjoy.

Hort Dept Seminar, Display & Trial Garden Season 2002, Karri Bitner, D&TG Manager, 3:30 pm, 310 AlderH.

Thursday, September 26

Welcome Pizza Party for Environmental Hort Majors, 12-1 pm, 310 Alderman. RSVP to Evonne

WELCOME - new folks in the department are encouraged to submit an article about themselves (personal and professional tidbits) to Evonne by September 26 to be included in our friendly Twig Bender Newsletter. We want to give you a proper introduction. Thank you.

Dana Lehigh, in our accounting department, writes "I grew up and attended school in Duluth, and graduated with my Bachelor degree from UMD. I currently live in New Brighton with my husband Dan and my sheltie, Buddy. I enjoy the outdoors and spend a lot of time "up north". I have a lot of interests, and my husband insists I have too many hobbies, much of which take up half his garage. Some of these hobbies include gardening (novice level, of course), cooking, needlework, rosemaking, sewing, and running agility with my dog. Buddy is really good at humiliating me in competition. One thing you should know about me is that I like winter. I enjoy winter sports, particularly cross country skiing and cannot wait for it to snow, after Thanksgiving, of course. I am very happy to be a part of this department and hope to become helpful to each of you in my new position".

SPECIAL THANKS to all who volunteered their time at our state fair booth. We received about 30 inquiries for info on our Environmental Horticulture Major and another 60 interest cards for the Mater of Ag in Horticulture Program. See ya next year!!!

CONGRATULATIONS

Dr. Joe Sowokinos received the Outstanding Paper Award for the year 2001, presented at the Potato Association of America Annual Meeting held in conjunction with the XXVI International Horticultural Congress in Toronto, Canada, in

August. Check it out - "Allele and and isozyme patterns of UDP-glucose pyrophosphorylase (UGPase) as a marker for cold-sweetening resistance in potatoes". Amer J Potato Res 78:57-64.

Out of 150 nominations, the Graduate Fellowship Committee awarded the 2002-2003 Dissertation Fellowship to **Ryan Hayes**

In recognition of outstanding contribution to horticulture, **Dr. James Luby** was elected to the 38th class of Fellows of the American Society for Horticultural Science at the annual meetings in Toronto in August.

Dr. Neil Anderson, who was selected as the recipient of the ASHS Outstanding Education Publication Award 2001 for his paper "The Floratech Dilemma: A Case Study for Potted Plant Production Specialists" at the annual meetings in Toronto in August. Check it out in Hort Technology 11(3):477-481. His paper was selected from all papers published in the Journal of the American Society for Horticultural Science, HortScience and HortTechnology published during 2001.

The Department certainly has a lot to "crow" about - we are very proud of the accomplishments of these four department members.

DEGREES SUCCESSFULLY COMPLETED this past summer include: M.S. -Kristine Maki, Neil Mattson, Stafanie Miklovic, Karina Zambreno; Ph.D. - Ryan Hayes. Congratulations!

September Birthdays include Nicole Gardner (8), Joe Sowokinos (8) Florian Lauer (13), Chad Westberg (21), Ed Stadelmann (24) & Grace Pietsch (25) - If I've missed anyone, please get that important date to me - Evonne, The department wishes you all a "Happy Birthday".

DEPT POPCORN DAY - every Thursday afternoon. All are welcome - donations for popcorn and butter are always appreciated. Evonne

SCHOLARSHIP OPPORTUNITIES -

TransMississippi Turf Scholarship applications are due to Evonne no later than September 26. Evonne & Andrew Carlson, Turf Club President has application forms.

The Sixth District Minnesota Horticultural Society is taking applications from students or students who have parents living in the Sixth District which is comprised of 12 counties in Minnesota: Aitkin, Benton, Cass, Crow Wing, Kanabec, Mille Lacs, Morrison, Pine, Sherburne, Stearns, Todd and Wadena. Again see posting on bulletin board, 3rd floor lobby of Alderman. Deadline to apply: Dec 1, 2002.

HAVE A GREAT WEEKEND

**EVERY FRIDAY IS
MAROON & GOLD
CASUAL FRIDAY**

TWIG BENDER

Department of Horticultural Science
305 Alderman Hall
St. Paul, MN 55108
Volume 20, #13, 09/27/02

CALENDAR

Monday, September 30

APS Seminar, Growth and Development of Wild Oat, Krishona Martinson, APS grad student, 3:30 pm, 306 BorH.

Tuesday, October 1

PBS Colloquium, Rose Scent: An integrated genomic approach to discovering novel fragrance-related genes, Dr. David Weiss, Hebrew University, Jerusalem, 3:30 pm, 335 BorH.

Wednesday, October 2

Hort Dept Seminar, From Stewpot to Flowerpot: The Changing Aesthetic Fortunes of Vegetables and their Gardens, Susan Pennington, National Museum of Natural History, Smithsonian Institute, 3:30 pm, 310 AlderH.

DEGREES SUCCESSFULLY COMPLETED this past summer include: M.S. - Julie Overom and Howard Higson and Master of Agriculture - Horticulture Program - Dana Gardner, Joanie Somerville, Julie Weisenhorn. Congratulations!

WELCOME NEW PEOPLE - Adriana Telias writes "I came to Minnesota to obtain a graduate degree in Horticulture. I am from Montevideo, the capital city of Uruguay. My advisor is Dr. Emily Hoover and the research I will be doing is related to fruit trees. The thesis project will probably be related to the physiological disorder called bitterpit on Honeycrisp apples. Some of my hobbies are dancing, swimming, jogging, listening to music and reading. I still haven't had a chance to practice winter sports, but I am sure there will be plenty of time for that in the near future". Say hello to Adriana in her office, room 256 Alderman.

Angel Lara writes "I am originally from Honduras. I have been interested in agriculture production ever since I was 16 years old because of my concern about the agricultural conditions in Honduras. In my country, horticultural production is still in its developing stages and needs more introduction of new agricultural processes in

order to achieve a large quantity of high quality products. I have been in the U.S. for 18 months, and I was involved in the MAST Program at the U of M. Most recently, I am working as a research assistant with Dr. Christian Thill in the area of potato breeding & genetics, where I am getting agilities in all areas of potato industry. As well I am interested in economic and processing aspects of hort products. I have a Bachelor's Degree in Agricultural Engineering from Zamorano, Honduras and I have trained in Winchester, Mass at Mahoney's Garden Center." Angel's office is 367 Alderman....get acquainted with him.

Charlie Rohwer writes "I'm from Algona, IA (1 hour west of Mason City, 2 south of Mankato), got a BS from Iowa State in 2000, and MS from Michigan State in August. I am glad to be far away from the Detroit Lions and back in the central time zone. I'll be working on my PhD with John Erwin (*sort* of) on measurement, pathways, and physiology of flower fragrance. I am an active homebrewer and will gladly accept, maybe even trade for, empty brown not twist-off bottles, preferably 12 oz or smaller (462 Alderman). I'm always open for beer recipe ideas and suggestions. I also enjoy playing guitar and banjo, cooking, biking, eating, woodworking, traveling, the occasional afternoon nap, and playing nearly any sport that requires minimal equipment." Welcome

Julie Weisenhorn writes "I get to live in Mound with Karl, the Wonder Husband, and Mikki, the Wonder Dog. I grew up in Rochester and received a BA in Communications/Spanish from Gustavus and an MA in Visual Communications from the U of M. I went to work in the photo imaging industry for the next 12 years where Karl and I met/married and he still works in sales. My interest in plants surfaced when we bought our first house from Cary George, curator of the Eloise Butler Wildflower Garden. In 1992, we moved to Mound. I became a Master Gardener six years later and, sparked by driving past the Arboretum every day on the way to my office, I started thinking about a career change. Three years and a MAg degree later, I am fortunate to be part of my favorite department at the

University." You will find Julie in the design studio where she is a T.A. (405 Alderman). **Fernando Devillena** writes "I come from Peru (south America). I just started my Master's program last spring (2002). I'm working on glucosinolate variation influenced by both biotic and abiotic stress; my advisor is Dr. Vince Fritz. These chemical compounds are believed to have anti-cancer properties. This field is totally new for me. My field experiments are going on at the Southern Research and Outreach Center in Waseca. I guess my hobbies are gardening, playing basketball and soccer." Say hello to Fernando in 380 Alderman.

Welcome and thanks for the great articles on yourselves - more next week. All graduate students in Hort should come see me so I can take a picture for our "Rogue's Gallery"..... no kidding.

CURRENT GOVERNMENT JOB OPENINGS with Ag Research Service (ARS) can be found on their web site: www.ars.usda.gov/careers/

U PEDIATRICS FOUNDATION 2002 PARTY IN THE PARK invites everyone interested to participate in their annual theme basket competition. Event will be held Sunday, November 10 at Camp Snoopy and features music, food, exclusive use of Camp Snoopy amusement park with unlimited rides on select attractions, indoor fireworks display. Proceeds benefit the U Pediatrics Foundation, which strives to enhance young lives through the support of children's health. Theme baskets are judged on creativity, presentation and overall appeal. Detailed info posted across from faculty mailboxes.

HAVE A GREAT WEEKEND

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TWIG BENDER

Department of Horticultural Science
305 Alderman Hall
St. Paul, MN 55108
Volume 20, #14, 10/04/02

CALENDAR

Monday, October 7

Dept USC meeting, 10-11 am, 310 AlderH.

APS Seminar, Changes in genetic variance during advanced cycle breeding in Maize, Jianming Yu, APS grad student, 3:30 pm, 306 BorH.

Tuesday, October 8

APS Prelim Exam, 9-3 pm, 310 Alderman.

Dept FCC, 9:30 am, 398 AlderH.

PBS Colloquium, Plant adaptation to phosphorus stress: root developmental and biochemical changes in white lupin assessed by EST analysis, Dr. Claudia Uhde-Stone, Dept of SWC, 3:30 pm, 335 BorH.

Wednesday, October 9

Dept Faculty Meeting, 1:00 pm, 310 AlderH.

Hort Dept Seminar, Biochemical and molecular studies of aggregation pheromones of bark beetles in the genus *Dendroctonus* with special reference to the Jeffrey pine beetle, *Dendroctonus jeffreyi* Hopkins, Lana Barkawi, Postdoctoral Research Associate, 3:30 pm, 310 AlderH.

Thursday, October 10

Magrath Library classes - 14 habits of highly effective searches and automatic e-mail updates. Register at www.lib.umn.edu/registration.

Friday, October 11

10th Annual Kuehnast Lectureship in Climatology, Global climate change: Uncertainties, risks, and values in determining public policy, 12:30 pm, McNamara Alumni Center, Mpls Campus - co-sponsored by Climatology Group, Dept of SWC, & Sigma XI.

DEGREES SUCCESSFULLY COMPLETED this fall include: M.S. - Bill Peters Congratulations!

Housing Needed - A post-doc, Dong-Chang Kim, has received a grant to work on chrysanthemum breeding in Neil Anderson's laboratory during this year. He will be arriving in November with his wife and child as well. If you know of any available housing for these Koreans, please contact Neil Anderson at 612-624-6701 or Laura Kalisch at 612-624-3039. Thank you.

WELCOME NEW PEOPLE - **Marjorie Ross** writes "I have been living in Minnesota for three years now working as a horticulturist and farm assistant at Dodge Nature Center. However, I still consider my true home to be Kentucky, where I grew up. I am now working with Dr. Emily Hoover, probably researching grapes and winter hardiness imparted by rootstocks. I am also interested in organic production and sustainable agriculture. I am an animal lover and my hobbies include gardening, scuba diving, biking, camping, cooking and traveling". Marjorie's office is 256. Welcome **Manju George** writes " I am from India, working as a postdoctoral fellow with Dr. Alan Smith since March, 2002. I belong to Kerala, the southern part of India - it is known as "God's own land". I like Minnesota because it is cool !!! I did my Masters, PhD from Sardar Patel University, India. I like traveling, listening to tamil music". Say hello to Manju in 335, the gene expression lab. **Stephanie Jutila** writes "Travel and cooking rank at the top of my interests. Although time constraints have a way of intervening with both. The last couple of years much of my travel has touched upon my research area - public gardens. When I am not exploring a public garden or cooking up a storm, I can be found writing or on the rare occasion refinishing furniture." Stephanie's official adviser is Mary Meyer with Emily Hoover filling in while Mary is on sabbatical. Get acquainted with Stephanie by visiting her office, 440 Alderman. **Lois Braun** writes "If you think that mine is a familiar face around campus, it is, kind of. Although I am new to this department, I've been around the St. Paul campus for going on five years now, pretending to be a student. It seems that if you hang out here long enough, you just might find

yourself one! Since moving here from Georgia, where I completed a degree in soils, I've worked for an independent crop consultant, advising mostly organic farmers on nutrient management and other soils issues, as well as doing a little on-farm research. My passion is sustainable food production--which is a response to my childhood spent in Ghana, West Africa. Whatever "sustainable" means! I'm working with Jeff Gillman on figuring out the nutrient requirements of hazelnuts, a potential new crop for Minnesota. I'm excited about them because I've seen far too much soil erosion due to row crops in Minnesota thus would like to see a transition to perennial agriculture. After years of working in Agronomy, I'm glad to be moving over to Horticulture where the technologies are a little closer to what I can actually do in my own intensive vegetable garden. A tractor simply wouldn't fit in my apartment! Never mind, I don't even use roto-tillers any more. No-till gardening is what I do mostly now. Ask me about it between dances at Tapestry Folk Dance Center--unless it's too beautiful outside to be inside, in which case you'll find me either biking, running, or XC skiing." If you can catch her, she's located in 452 Alderman

LOOKING AHEAD

October 25 - noon get acquainted lunch for new and prospective Master of Agriculture/ Horticulture students. Faculty are encouraged to attend - 11:30 - 1 pm. Please RSVP to Evonne by 10/22..... thanks Jim Calkins, Coordinator.

HAVE A GREAT WEEKEND

**EVERY FRIDAY IS
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CASUAL FRIDAY**

TWIG BENDER

Department of Horticultural Science
305 Alderman Hall
St. Paul, MN 55108
Volume 20, #15, 10/10/02

CALENDAR

Monday, October 14

APS Seminar, The Role of Host Proteins in T-DNA Transformation, Grace Pietsch, APS grad student, 3:30 pm, 306 BorH.

Tuesday, October 15

COAFES Career Day - 10am-3 pm, North Star Ballroom. Need a job or an internship - make the connection!!!

PBS Colloquium, Potato Pathology and Genomics at U of M: Innovative Approaches for Durable Disease Resistance, Dr. James Bradeen, Dept Plant Path, U of M, 3:30 pm, 335 BorH.

Wednesday, October 16

Hort Dept Seminar, Challenges in Exporting Fruits & Vegetables from Senegal to the U.S., Steven A. Clarke, Senior Projects Manager, U of M Office of International Ag Programs, 3:30 pm, 310 AlderH.

Thursday, October 17

2002 E.C. Stakman Seminar, Wheat and Rust, Dr. Robert A. McIntosh, University of Sydney's Plant Breeding Institute Cobbitty, 4:00 pm, SPSC MN Commons (reception at 3:15 MN Commons)

SCHOLARSHIP WINNERS the Men's Garden Club of Minneapolis scholarship recipients May, 2002 were: Kyla Zaro-Moore and Karyn Vidmar (If there are others I do not know about, let me know).

That's all folks
I'm off on 10/11 so thus a Thursday Twig

HAVE A GREAT WEEKEND

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MAROON & GOLD
CASUAL FRIDAY**

TWIG BENDER

Department of Horticultural Science
305 Alderman Hall
St. Paul, MN 55108
Volume 20, #16, 10/18/02

CALENDAR

Monday, October 21

Dept USC meeting cancelled

APS Seminar, Dioecy - The Divergence of Gender,
David Zelsak, APS grad student, 3:30 pm, 306
BorH.

Tuesday, October 22

2002 Fall Classes at Magrath Library, Automatic
E-Mail Updates - set up searches in current
contents, biosis or other selected indexes and
receive the results regularly via e-mail. Register
at www.lib.umn.edu/registration

Wednesday, October 23

Hort Dept Seminar, Design: The Key to Writing
(and Advising) a One-Draft Thesis, John Carlis,
Dept of Computer Science/Engineering, 3:30 pm,
310 AlderH.

Thursday, October 24

Dept FCC, 9:30 am, 398 AlderH.

Great Conversations, The War with Germs, with
Michael Osterholm, Judith Miller, 7:30 pm, Ted
Mann Concern Hall. U of M faculty, students,
staff receive a 25% discount on series
subscriptions or a 20% discount on individual
event tickets. To order call, 612-624-2345.

Friday, October 25

Get Acquainted Lunch for current and prospective
Master of Agriculture in Horticulture students,
11:30-12:45, 310 Alderman. Faculty and students
RSVP to Evonne by 10/23.

SOLICITING MEMBERSHIPS - A membership in
the North American Rock Garden Society costs
\$15 for students and \$25 for others. New
members receive a copy of the "Beginners
Handbook of Rock Gardening" plus access to many
outstanding programs, i.e. seed exchange, grants,
three national meetings yearly, book service, slide
library. Check out their website: www.narogs.org
for more details.

Send news items to Evonne Kuyper
(kuype001@umn.edu) by Thursdays

Reserve December 20 for our Dept Holiday Party
- going to be a potluck this year.....

HAVE A GREAT WEEKEND

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CASUAL FRIDAY**

TWIG BENDER

Department of Horticultural Science
305 Alderman Hall
St. Paul, MN 55108
Volume 20, #17, 10/25/02

CALENDAR

Friday, October 25

Noon lunch for MAg
Hort Club planting bulbs today in the greenhouse
(for the Valentine's Day Sale)

Monday, October 28

APS Seminar, Discussion of the October 8th
prelims, 3:30 pm, 306 BorH.

Tuesday, October 29

GSC Meeting, 10 am, 398 Alderman.

Win a turkey at the annual sloppy joe lunch,
sponsored by APS grad student club, 11:30-1 pm,
306 Borlaug, \$3.00 (all you can eat). See you
there!

Hort Club Pumpkin Carving Party, 4:30 pm, Hort
Greenhouse.

Wednesday, October 30

Hort Dept Seminar, Commercializing Products of
the Horticulture Department Research, Jeffrey
L. Carpenter, Assistant Director,
Patents/Technology Marketing, U of M, and Jan
Embretson, Ph.D., J.D. Patent Attorney,
Schwegman, Lundberg, Woessner & Kluth, P.A.,
3:30 pm, 310 AlderH.

Thursday, October 31

Halloween

HORT CLUB NEWS - A quick reminder to
members that your help is needed for planting
bulbs today (10/25) down in the greenhouse. This
is for the Valentines Day Sale - and be sure to
attend the pumpkin carving party on 10/29 also in
the greenhouse. The club is working on posting a
new sign for the lobby which will have all the
officers listed with pictures - and those that
signed up for the trip to Orlando, Nov 16-19, are
getting excited... Thanks for the news!!!

TURF CLUB NEWS - Today (1025) the turf club
members are helping winterize the course at
Hazeltime. They had Bob Vavrek, an USGA

agronomist for the North Central Region, speak at
the 10/17 meeting. This was very informative
with pizza served. Turf Club is planning a joint
party with Hort Club - Bowling... more details
coming.

COAFES SCHOLARSHIP RECIPIENTS -

Environmental Hort students receiving
scholarships are : Tamara Basara (Luby), Rachel
Devries (Pedersen), Frent Fiedler (Hoover),
Kristina Glucklich (Brown), Laurie Hyrkas (SA-
plants with Gillman), Tina Kiehn (Luby), Tracy
Melberg (Gillman), Joshua Olson (Horgan), Jon
Rabe (Hoover), Adam Waldhauser (Pedersen),
Lindsey Zuk (Gillman) Congratulations!!! A
Reception honoring these recipients will be held
Nov 15, 3:30-6:00 pm, at the Earle Brown Center -
please RSVP by Nov 1 to Candy (4-4212).

WINNERS for 2002 Community Fund Drive
Drawing are:

1. Jim Luby, Di, Colleen and Chad got the mums
(Autumn Red, Peach Centerpiece, white, and
golden cushion) donated by Neil Anderson.
2. Cingy, Julie, Karen and Emily each won a 50#
sacks of potatoes donated by Christian Thill
3. Deb, Karen, Gary each won a community drive t-
shirts
4. Laura, Wen each won a %50 gift certificate for
TRE Nursery products donated by Jeff Gillman
5. Don White won an acrylic picture frame
donated by the department
6. Kathy & Stan won ½ peck of Zestar Apples
donated by Jim Luby
7. Manju won a container of Butterscotch candy
donated by department
8. Roger, Karen, Cindy, & Chad each won a mini
first aide kit donated by department
9. Emily won a leather business card wallet
donated by department
10. Don won a hand held calculator donated by
department
11. Stan won a tall pad of post donated by
department
12. Kathy won the finger-link potatoes, garlic and
a pumpkin donated by Carl Rosen
13. Manju and Laura won MN Gardening calendars.

14. Everyone was treated to assorted candy in little Halloween bags.
Kathy Lloyd, our Community Fund Drive Coordinator has done a terrific job and made it a lot of fun. Thank you for all your hard work!!

LOOKING AHEAD

Nov 9 -Gardening the Organic Way Kick-off Event, 1-3:30 pm, MSHS, 1755 Prior Avenue North, St. Paul, To register call 651-643-3601 or 1-800-676-6747. Future dates and topics posted on 3rd floor bulletin board of Alderman Hall

Nov 15 - COAFES Scholarship Reception, 3:30-6:00 pm, Earle Brown Center - please RSVP by Nov 1 to Candy (4-4212). Advisors whose students are receiving a scholarship are encouraged to attend this reception!!!

December 20 - Dept Holiday Pot Luck Party - help is needed to organize event - see Evonne or Kathy if interested.

Send news items to Evonne Kuyper
(kuype001@umn.edu) by Thursdays

HAVE A GREAT WEEKEND

**EVERY FRIDAY IS
MAROON & GOLD
CASUAL FRIDAY**

TWIG BENDER

Department of Horticultural Science
305 Alderman Hall
St. Paul, MN 55108
Volume 20, #18, 11/01/02

CALENDAR

Monday, November 4

USC Meeting, 10:00 am, 398 AlderH

APS Seminar, Contributions of Molecular Markers to Plant Breeding, Marcelo Pacheco, APS grad student, 3:30 pm, 306 BorH.

Tuesday, November 5 - Election Day

PBS Colloquium, Biochemical analyses of the type IV secretion systems of *Uagrobacterium tumefaciens* and *Brucella suis*, Dr. Christian Baron, 3:30 pm, 335 BorH.

Wednesday, November 6

Faculty meeting to review assistant professors, 12:30 pm, 310 AlderH

Hort Dept Seminar, Mapping and Inventory of the Asian Plant Collections, Gina Ubl, Env Hort Undergraduate Student, PEP at National Arboretum, Washington, D.C. 3:30 pm, 310 AlderH. All undergrads are especially encouraged to attend this seminar.

Thursday, November 7

MAg Final Oral Presentation, The Creation of the Twin Cities Greening Coalition's Community Gardening Resource Guide: Facilitating community gardens by connecting gardeners to resources, Kyla Zaro-Moore, 9 am, 310 AlderH. Open to public.

Magrath Library classes - Searching: 14 habits of highly effective searches and automatic e-mail updates. Register at www.lib.umn.edu/registration.

Friday, November 9

Faculty meeting to review Associate Professors, 12:30 pm, 310 AlderH

COAFES Orientation, 2:45, 120 Coffey Hall

Gardening the Organic Way Kick-off Event, 1-3:30 pm, MSHS, 1755 Prior Avenue North, St. Paul, To register call 651-643-3601 or 1-800-676-6747.

NOVEMBER BIRTHDAYS

Mike Emerick (2), Zoe Kjernes (10), Cindy Tong (11), Carl Rosen (12), Bud Markhart (15), David Esplin (17), Jerry Cohen (19) - congratulations - bring lotsa treats!!!

SCHOLARSHIP WINNERS word of another Men's Garden Club of Minneapolis scholarship recipients last May 2002 - congratulations to Lynn McNaughton !!!!

Send news items to Evonne Kuyper (kuype001@umn.edu) by Thursdays

HAVE A GREAT WEEKEND

**EVERY FRIDAY IS
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CASUAL FRIDAY**

TWIG BENDER

Department of Horticultural Science
305 Alderman Hall
St. Paul, MN 55108
Volume 20, #19, 11/15/02

CALENDAR

Monday, November 18

USC Meeting, 10:00 am, 398 AlderH

APS Seminar, Effects on plant growth of antibiotics in manure and runoff water, Jennifer Taller, 3:30 pm, 306 BorH.

Tuesday, November 19

Hort Club meets @ 1:30 in the greenhouse to do floral arrangements for *Great Conversations*.

PBS Colloquium, Inflorescence evolution in the mulberry family (*Moraceae*) and the origin of a pollination mutualism, Dr. George Weiblen, 3:30 pm, 335 BorH.

"Great Conversations", *The Art of Remembering*, Patricia Hampl and Eva Hoffman, 7:30 pm, Ted Mann Concert Hall. To order tickets, call 612-624-2345.

Wednesday, November 20

Faculty meeting, 1 pm, 310 AlderH

Hort Dept Seminar, How to turn 50 and push the edge of the envelope: The science, scenery, and scents of a successful sabbatical in Taiwan, Bud Markhart, 3:30 pm, 310 AlderH.

Thursday, November 21

Turf Club Meeting, 7 pm, 310 AlderH.

Friday, November 22

Retirement potluck (hors d'oeuvre type/dessert) party for Harold Pellett and Michael Zins, 2:30-5:00 pm. See Kathy Lloyd for a \$5 ticket and gift donations to Laura Kalisch.

Gardening the Organic Way Kick-off Event, 1-3:30 pm, MSHS, 1755 Prior Avenue North, St. Paul, To register call 651-643-3601 or 1-800-676-6747.

ATTENTION STUDENTS:

MNLA Scholarship applications available from Evonne and are due back Nov 18 at noon.

U OF M GRADUATE SCHOOL ENDOWED FELLOWSHIPS, 2003-04. Deadline to apply is December 2, 2002.

AMERICAN RED CROSS & MEMORIAL BLOOD SERVICES BLOOD DRIVE - sponsored by Alpha Gamma Rho, Jon Rabe Blood Drive Chair - Monday, December 2, 10 am - 4 pm, SPSC, North Star Ballroom. Please call Jon @ 651-646-5058 to set up an appointment. Walk-ins are always welcome. To qualify as a donor you must: be at least 17 years of age; weigh a minimum of 110 pounds; be in good health; wait 56 days between blood donations. Please bring with you a form of identification such as a donor card or driver's license and your social security number.

HORT CLUB NEWS

- ten students are traveling to Orlando, Nov 15-18, to tour University of Central Florida Arboretum, Epcot Center, Harry P. Leu Gardens, and Gaylord Palms Resort and Convention Center.
 - Hort Club is providing arrangements for the COAFES Scholarship Banquet on Nov 15.
 - Hort Club will meet Nov 19 @ 1:30 pm, in the greenhouse to do the floral arrangements for the *Great Conversations*.
- Thanks for the news!!!

Send news items to Evonne Kuyper
(kuype001@umn.edu) by Thursdays

HAVE A GREAT WEEKEND

**EVERY FRIDAY IS
MAROON & GOLD
CASUAL FRIDAY**

TWIG BENDER

Department of Horticultural Science
305 Alderman Hall
St. Paul, MN 55108
Volume 20, #20, 11/22/02

CALENDAR

Monday, November 25

MNLA Scholarship applications available from Evonne and are due at noon.

GSC Meeting 1:00 pm, 398 Alderman.

APS Seminar, Plant/Microbe Communication in Nitrogen Fixation: A Receptor for Nodulation, Penny Kianian, APS grad student, 3:30 pm, 306 BorH.

Tuesday, November 26

GRADED PRELIMS DUE TO EVONNE TODAY BY NOON. THANKS

PBS Colloquium, Plant community and soil responses to treatments designed to mimic prescribed burning, Daniel Tix, BP grad student, 3:30 pm, 335 BorH.

Wednesday, November 27

No Hort Dept Seminar.

November 28 & 29

Thanks Giving Day - University Holiday

ATTENTION STUDENTS:

Minnesota Institute for sustainable Agriculture (MISA) is pleased to announce the fourth annual request for proposals for the Theodora and Arnold Johnson Undergraduate Research Internship Program. The program is designed to provide undergraduates with an internship opportunity to work with a faculty member on a research topic pertaining to sustainable agriculture. The program provides up to \$3,000 for student stipends. The program is open to any full-time students enrolled in any program with the U of MN, COAFES. Deadline to apply is Feb 7, 2003. Check out the website at: www.misa.umn.edu

TRANSMISSISSIPPI SCHOLARSHIP -

Congratulations to Justin Funk and Paul Wichmann on receiving the above scholarship!!!

LOOKING AHEAD

Dec 2 - USC Meeting, 10 am, 398 AlderH

Dec 2 - Blood Drive, 10-4, NorthStar Ballroom

Dec 2 - APS Prelim discussion, 3:30 pm, 306 BorH.

Dec 3 - FCC, 9:30 am, 398 AlderH.

Dec 3 - PBS Colloquium, Molecular Genetics of Aluminum Tolerance in Crops, Dr. David Garvin, USDA-ARS & Dept of Agronomy & Plant Genetics, U of MN, 3:30 pm, 335 BorH.

Dec 4 - Dept Seminar, My Patients (Students) as Asking Me About Herbal Medicines. What Do I Need To Know, Dennis J. McKenna, Ph.D., Senior Lecturer, Center for Spirituality & Healing, Academic Health Center, U of MN, 3:30 pm, 310 AlderH.

Dec 5 - Turf Club Mtg, 7 pm, 310 AlderH.

Economical.... "Is your wife economical?" asked Sven. "Oh ya," said Big Ole, 'sometimes she is economical. Yust last night she had only twenty nine candles on her 50th birthday cake."

Send news items to Evonne Kuyper (kuype001@umn.edu) by Thursdays

HAVE A GREAT WEEKEND & HOLIDAY
2 for one week - 2 twigs in this one issue
no twig Nov 29

**EVERY FRIDAY IS
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CASUAL FRIDAY**

TWIG BENDER

Department of Horticultural Science

305 Alderman Hall

St. Paul, MN 55108

Volume 20, #21, 12/6/02

CALENDAR

Monday, December 9

Tickets go on sale for Dept. Holiday Party on December 20, potluck from 3-6; be sure to bring a wrapped white elephant gift. Buy tickets from Evonne. Just two weeks til potluck party.

USC Meeting, 10-11am, 398 AlderH.

Plant Molecular Genetics Seminar, Thesis Proposal, SPY and the Gibberellin Signal Transduction Pathway, Cheryl Scott, PBS Grad Student, 11:45 am, 239 Gortner Lab.

APS Seminar, Role of Unreduced Gametes and Endosperm Balance Number (EBN) Manipulation in the Germplasm Transfer Between Cross-incompatible Tuber-bearing *Solanum* Species, Ioana Dinu, APS grad student, 3:30 pm, 306 BorH.

Special Guest Lecture, Bonobo (*Pygmy Chimpanzee* (*Pan paniscus*)) Conservation & Civil War: Experiences from the front lines in the Democratic Republic of Congo, Dr. Jo Thompson, Director, Lukuru Wildlife Research Project, 4:00 pm, 335 BorH. Sponsored by Fisheries, Wildlife, Cons Bio, Bell Museum, MacArthur Program.

Tuesday, December 10

PBS Colloquium, Splitting Hairs: The control of anisotropic cell expansion in *Arabidopsis* Dr. David Oppenheimer, University of Alabama, 3:30 pm, 335 BorH.

Wednesday, December 11

Hort Faculty Meeting, 1-3 pm, 310 AlderH.

Hort Seminar, ISSR PCR: a tool for distinguishing creeping bluegrass genotypes, Troy Carson, Hort Grad Student, 3:30 pm, 310 AlderH.

Gardening the Organic Way class, "Site selection: Sun, zone, microclimates, wet vs. dry sites", Julie Weisenhorn, 6:30-8 pm held at Center for Northern Gardeners, 1755 Prior Ave, Falcon Heights. \$5 per class - call 651-643-3601.

Thursday, December 12

Turf Club Meeting, 7 pm, 310 AlderH.

WELCOME ... Dr. Dong-Chan Kim, a visiting post-doc from Korea who joined the flower breeding /genetics lab (Neil Anderson) in Nov. 2002. He is sharing an office with Dr. Gesick, Rm. 432 Alderman. Dr. Kim is a chrysanthemum breeder at the Chrysanthemum Experiment Station for the Chungchongnamdo Agricultural Research & Extension Services in Chungnam, South Korea. He received a 2002-2003 Korea Science and Engineering Foundation (KOSEF) fellowship from the S. Korean government to conduct winter - hardiness research on chrysanthemums. He will be growing the F1 hybrids, create segregating F2 populations, conduct freezing studies (on the parents, F1, F2 generations), as well as field evaluation of the phenotypic marker for winter hardiness (rhizome counts). His post-doc will provide a new international research perspective to the breeding program.

FIRST-YEAR FOCUS REPORT is research findings from orientation & first-year programs assessing the experiences of new freshman students, the impact of FYE initiatives, and overall satisfaction with academic and co-curricular aspects of student life. This issue presents results from the survey conducted in 2001 as well as significant differences from the 1999 survey. Evonne has one copy and will order additional copies if need be.

Send news items to Evonne Kuyper
(kuype001@umn.edu) by Thursdays

**EVERY FRIDAY IS
MAROON & GOLD
CASUAL FRIDAY**

TWIG BENDER

Department of Horticultural Science
305 Alderman Hall
St. Paul, MN 55108
Volume 20, #22, 12/13/02

CALENDAR

Monday, December 16

Special teaching faculty meeting, 8:30 am, 310.
All faculty encouraged to attend

Applied Plant Sciences Seminar, The Effects of Crop-Wild Gene Flow in Annual Sunflower, Kristin Mercer, Ph.D. student, 3:30 pm in 306 Borlaug.

Tuesday, December 17

FFA - Floriculture

Wednesday, December 18

Last day to purchase your ticket for Dept. Holiday Party on December 20, potluck from 3-6; be sure to bring a wrapped white elephant gift and a potluck dish to serve 8. See Evonne.

Special Teaching Faculty Meeting, 1-3 pm, 310 AlderH.

Thursday, December 19

M.S. Thesis Defense Seminar in Applied Plant Sciences, Development and Characterization of Wheat Lines Near-Isogenic for a Fusarium Head Blight QTL, Mike Pumphrey, 9:00 am 306 Borlaug.

HORT HOLIDAY COOKIE DAY - set for Wednesday, December 18 - This is where everyone in the dept donates 1 doz cookies - the office staff will arrange them on large trays and serve hot beverage all day on Wednesday.... SO - bring cookies.... This will be fun - time to get in the holiday spirit. Come all to enjoy cookies & hot cider. Thanks.

SCHOLARSHIP OPPORTUNITY - First District of the Minnesota State Horticultural Society (MSHS) is pleased to announce that applications will be accepted this year for the Les Hedegard Memorial Scholarships. Those awarded will be issued in the name of the applicant, and presented at the spring meeting of the 1st District MSHS, date and location to be announced. Applicant must originate from, or have a parent or a grandparent residing with the twelve-county First District of the MSHS. These counties in Southeastern Minnesota are Dodge, Fillmore, Freeborn, Goodhue, Houston, Mower, Olmsted, Rice, Steele,

Wabasha, Waseca, and Winona. Application Deadline: February 1, 2003. See Evonne in 305 Alderman Hall for form.

HORT CLUB NEWS - The new President reports that they had a fun and successful fall trip to Orlando, Florida. "We had tours of the UCF Arboretum, Epcot, Harry P. Leu Gardens, and the Gaylord Palms Resort Hotels and Convention Center Conservatory." Other announcements today:

- Horticulture Club is in charge of designing the U of M interiorscape for the Minnesota Green Expo held at the Minneapolis Convention Center, Jan 8-10.
- Meeting dates and time for next semester will be set and announced after members return in the New Year
- Christmas Sale is Dec 12 & 13, SPSC. They are selling wreaths, boxwood trees and a variety of poinsettias.
- Hort Club is preparing to host MACHS over spring break, 2003.

New Hort Club Officer Team 2003

President: Lindsey Zuk (zukx0004@umn.edu)
Vice President: Jon Rabe (rabe0029@umn.edu)
Secretary: Rachel De Vries (devr0046@umn.edu)
Treasurer: Chad Johnson (john5651@umn.edu)
Historian: Corinne Radatz (rada0031@umn.edu)
Sr GH Mgr: Dan Jacobsen (jaco0570@umn.edu)
Jr GH Mgr: Andy Montain (mont0207@umn.edu)
Ag Bd Rep: Bonnie Morack (mora0134@umn.edu)
Congratulations !!!

Send news items to Evonne Kuyper
(kuype001@umn.edu) by Thursdays

**EVERY FRIDAY IS
MAROON & GOLD
CASUAL FRIDAY**

TWIG BENDER

Department of Horticultural Science
305 Alderman Hall
St. Paul, MN 55108
Volume 21, #01, 1/17/03

CALENDAR

Monday, January 20 - Martin Luther King Jr. Day
- University Holiday - offices closed

Tuesday, January 21
Spring Semester BEGINS

Prelim Papers are ready at Evonne's desk.

Hort Dept Head Candidate Seminar, The Art and Science of Finding, Thomas E. Michaels, University of Guelph, Ontario, Canada, 11-12 noon, 310 AlderH.

PB Developmental/Genomics Candidate Seminar, Genetic Engineering of the Brassinosteroid Pathway to Manipulate Plant Development, Dr. Ken Feldman, Ceres, Inc., 3:30 pm, 335 BorH.

Wednesday, January 22
No Dept Seminar

USC, 1-2:30 pm, 152 AlderH.

PB Developmental/Genomics Chalk Talk, Functional Genomics of Gametophyte-Requiring Genes in Arabidopsis, Dr. Ken Feldman, Ceres, Inc., 9 am, 239 Gortner Lab.

Thursday, January 23
Dept FCC, 3:00 pm, 398 AlderH.

A BELATED HAPPY BIRTHDAY TO DECEMBER FOLKS: Joe Paul (10), Julie Borris (22), Mike Zins (23), Jeff Gillman (26), Neil Anderson (30).

JANUARY BIRTHDAYS are Anne Graham (7), Carrie Reinhardt (14), Angela Hendrickson (16), David Long (16), Alan Smith (16), Roger Meissner (21), Lynette Wong (21). Congratulations !!!

KUDOS to **Danielle Posch** who successfully completed her M.S. degree January 9th.

LETTER FROM MTGF EXECUTIVE DIRECTOR, Larry Vetter writes "To all faculty, staff & students, regarding the Minnesota Green Expo. Congratulations and thank you to all who contributed to the tremendously successful Minnesota Green Expo last week (Jan 8-10). The

unofficial attendance tally was 7,128! The University put forth a massive effort to make their display one that you all can be very proud of. Your efforts were noticed by show management and attendees and those efforts are applauded. University personnel were recruited heavily to contribute to an outstanding education program. The value of your contribution cannot be overstated and was appreciated by all who attended. For all of the above you can and should be very proud of your contribution to the success of this event". Larry Vetter.

UNDERGRADUATE DEPT SCHOLARSHIP DEADLINE - Dept scholarship applications are due to Evonne by January 24. At this very moment, the internet submission is not yet working. Not sure what our back up plan will be.

NEXT HORT DEPT SOCIAL EVENT will be February 26 for the really big "Creative Chile Challenge". Save the date and start fine tuning your favorite chile recipe.

Send news items to Evonne Kuyper (kuype001@umn.edu) by Thursdays

EVERY FRIDAY IS...

(WELCOME BACK STUDENTS)

MAROON & GOLD...

(WELCOME BACK STUDENTS)

CASUAL FRIDAY

TWIG BENDER

Department of Horticultural Science
305 Alderman Hall
St. Paul, MN 55108
Volume 21, #02, 1/24/03

CALENDAR

Monday, January 27

APS Seminar, Cellular mechanisms of metal tolerance in *Thlaspi goesingense* a Ni hyperaccumulator, Harpartap S. Mann, APS grad student, 3:30 pm, 306 BorH.

Tuesday, January 28

PB Candidate for Developmental/Genomics seminar, Planting steroid hormone signaling: From cell surface receptor to nuclear target genes, Dr. Yanhai Yin, The Salk Institute, 3:30 pm, 335 BorH.

Wednesday, January 29

PB Candidate for Developmental/Genomics Chalk Talk, Dissection of brassinosteroid signal transduction pathway in Arabidopsis, Dr. Yanhai Yin, The Salk Institute, 9 am, 239 Gortner Lab.

MISA & WUSA Seminar, The 2003 Upper Midwest Organic Farming Conference and What's so important about being organic? Faye Jones, Midwest Organic and Sustainable Education Service, 12:30-1:30 pm, 408 Hayes Hall. FMI call MISA office at 612-625-8235

APS Seminar, Connecting K-12 Educators to Horticultural Science, Susan Anderson, Ag & U Education Specialist, Southwest Research and Outreach Center, 3:30 pm, 310 AlderH.

Invitation to COAFES Community Meeting, 3 pm, NorthStar Ballroom. Faculty, staff and students are encouraged to come together as a College to more specifically discuss how anticipated budget shortfalls will affect the University and our College. Dean Muscoplat will share with us the most up-to-date information and how our College must consider pathways to excellence even in the face of financial reductions. Please attend this meeting that can help lay the foundation for decision making as we pursue our College priorities.

Thursday, January 30

Civil Service Awards Committee meeting, 3 pm, 398 AlderH.

Welcome Students!

The University of Minnesota Horticulture Club would like to invite all of you to attend their first meeting of the year on Thurs., Jan. 30, 2003 at 6:30pm in 310 Alderman Hall. Our club offers many different kinds of activities and events to that would allow you to show your talents, increase your skills, and have fun! During the last semester our club took a trip to Orlando, Florida and took various horticulture related tours. We go on a trip every fall and members go free! We also had a Holiday Sale and designed and implemented an interiorscape for the U of M at the MN Green Expo! Our club also does the floral arrangements for Great Conversations, and will continue to do so this coming semester. It's the beginning of a new year and we're on the verge of several more exciting projects. We will be planning our upcoming Valentine's Day Sale, and Spring Sale plus hosting the MACHS Conference. This will give you an opportunity to meet other hort student from across the Midwest as we plan both educational and fun events for this meeting. So if you enjoy growing things, working with flowers, have new ideas or feel creative, and want to have fun, come check out the U of M Horticulture Club! If you have any questions feel free to call or email me: Lindsey K. Zuk, President UofM Horticulture Club, Email: zukx0004@umn.edu Phone: (612) 301-8165

UNDERGRADUATE DEPT SCHOLARSHIP DEADLINE EXTENDED - Dept scholarship applications are due to Evonne by January 29 due to network problems.

LOOKING AHEAD

February 13, 14 - Hort Club Valentine Day Sale, 9-5 both days, SPSC. The Club will be selling roses, bouquets and spring bulb pots.

and

February 26 - "Creative Chile Challenge", Bud Markhart heading up this event. If you want to help, talk to Bud... soon

NEW ADDITIONS TO THE HORT FAMILY . . . a baby girl born on Dec 19 to Sonia Bolvaran and German Aravena. Francisca Isabel Aravena weighed 7 lbs, 15 oz, 20.5 inches long . . . Sonia is a grad student working on her Masters degree. David and Ciana Esplin are the proud parents of son #2, Thomas Stolworthy born on 1/1/03, 6 lbs, 15 oz, 22". #1 son, Jacob is 18 months old...Mom & Dad have their hands full. David is working on his Ph.D. Major advisor is Christian Thill - lots of little sprouts in his group -

CONGRATULATIONS

THURSDAY is popcorn day - the popcorn supply is gone and just a little butter on hand. Donations, Donations, Donations.... Thanks

Send news items to Evonne Kuyper
(kuype001@umn.edu) by Thursdays

EVERY FRIDAY IS...

MAROON & GOLD...

CASUAL FRIDAY

TWIG BENDER

Department of Horticultural Science
305 Alderman Hall
St. Paul, MN 55108
Volume 21, #03, 1/31/03

TODAY Everyone is invited to a reception at Katherine Nash Gallery, Minneapolis Campus, 6pm-8:30 pm.. The exhibition features work created by six professional commercial artists, one of whom is Kito Young, husband of Nadilia Gomez, a graduate student in our department. The show continues until Feb. 28th. There are postcards on the bulletin boards for more information.

CALENDAR

Monday, February 3

Department Head Candidate Seminar, Preparation and vision for Horticultural Sciences at the University of Minnesota, Dr. Terry Riordan, University of Nebraska, 11-12 noon, 310 Alderman Hall

APS Seminar, The potential benefit of climate forecasts to Agriculture, Nicole Gardner, APS/Hort Graduate Students, 3:30 pm, 306 BorH.

Tuesday, February 4

Prelim Examination, 9-3 pm, 310 Alderman Hall.

Wednesday, February 5

USC meeting, 1-2:30 pm, 398 AlderH.

CPHH Seminar, Natural Products for Menopause: The Japanese Experience, Jenji Watanabe, M.D., Ph.D., Dept of Oriental Medicine Keio University School of Medicine, Tokyo, Japan, 1-2:30 pm, 306 BorH.

HORT/APS Seminar, Regulation of plant growth and development: Applied and fundamental approaches, Dr. Gary Gardner, 3:30 pm, 310 AlderH.

Thursday, February 6

Hort Popcorn Day, 2:45 pm, 305 AlderH.
Donations needed (butter & popcorn)

PB Candidate for Developmental/Genomics seminar, Genes with essential functions during seed development in Arabidopsis, Dr. David Meinke, Oklahoma State University, 3:30 pm, B45 COB

Friday, February 7

PB Candidate for Developmental/Genomics Chalk Talk, Seeds/genes and beyond: Maps, mutants, medicago, Dr. David Meinke, OSU, 9 am, 239 Gortner Lab.

DEPT SCHOLARSHIP DEADLINE has passed and applicants received a note in their mailbox indicating that I received their application. If you did not receive a note, please see Evonne ASAP.

WELCOME a new graduate student began his studies Spring Semester 2003, **Jon Sass** writes aliens dropped off my embryonic form in 1970 in Lindstrom and I have been assimilating with the neurotic life form of Minnesotans ever since. After a B.S. in Biology from St Cloud State University, I spent the next 10 years at Bunker Hills GC obtaining a ground's eye view of golf turf management. I am in the APS M.S. program with Dr. Horgan and hope to eventually work with the USGA, PGATour, and/or similar organizations and also be involved in research in turfgrass science. Specific areas of interest include water relations, non-chemical disease management, and tournament preparation. Hobbies include playing, watching, and officiating hockey, motorcycling, hunting, fly fishing, military history, and travel. I hope to dabble in and am highly intrigued by new experiences (rock climbing, scuba diving) as time and money permit. I spent last winter in Tucson, AZ at 2 golf courses in an informal internship and got to spend quality time with my kindred spirits, the reptiles and C4 plants (any guesses as to how I like the cold?). I currently reside in Blaine, or is that 266 Alderman Hall? Turn-ons include long walks on the beach,....whoops, wrong page...." Stop in and get acquainted with Jon. Thanks

FEBRUARY BIRTHDAYS are: Deb Brown (2), Ryan Hayes (3), Sue Galatowitsch (8), Harpartap Mann (12), Don White (15), Harold Pellett (17), Ioana Dinu (27). Congratulation and Happy Birthday!!!

LOOKING AHEAD

February 13, 14 - Hort Club Valentine Day Sale, 9-5 both days, SPSC. The Club will be selling roses, bouquets and spring bulb pots.

and

February 26 - "Creative Chile Challenge", Bud Markhart heading up this event. If you want to help, talk to Bud... soon

COMMUNICATIONS REGARDING BUDGET ISSUES - over the next several months the President intends to keep in frequent communication with all faculty and staff with regard to the budget process. Evonne is on the list to receive these communications and will publish this information. Stay tuned...

CHECK OUT THE 3RD FLOOR ART GALLERY...
These posters were used at the MN Green Expo and are now on display by the Graduate Student photos (wall/back hallway). Karri Bitner helped to create the gallery and Mike Emerick installed it. The posters are really nifty. The Woody Landscape Plant Breeding poster was done by Nicole Gardner!

HOLIDAY UPDATE - The Toys for Tots Program which collected winter clothes and toys were donated to People Serving People. Thanks to the APS grad club members who organized this event, Nadilia Gomez.

Send news items to Kathy Lloyd (lloyd002@umn.edu) by Thursday, Feb 6 as I am on vacation Feb 6-17 - thanks, Evonne

EVERY FRIDAY IS...

MAROON & GOLD...

CASUAL FRIDAY

TWIG BENDER

Department of Horticultural Science
305 Alderman Hall
St. Paul, MN 55108
Volume 21, #04, 2/7/03

CALENDAR

Monday, February 10

Plant Molecular Genetics Seminar, An unusual group of nodule specific calmodulin-like genes in *Medicago truncatula*. Junqi Liu, Sr. Research Associate, Agronomy & Plant Genetics, 11:45 am, 239 Gortner Lab

APS Seminar, Land Use and Development: The Benefits of Agriculture, Krishona Martinson, APS Graduate Student, 3:30 pm, 306 BorH.

Tuesday, February 11

Wednesday, February 12

Hort Dept. Faculty Meeting, 1-3 pm, 310 AlderH

HORT/APS Seminar, Selection of non-obligate vernalization requirement for flowering in lily, David Zlesak, 3:30 pm, 310 AlderH.

Thursday, February 13

Hort Club Valentine Day Sale, 9-5 today, SPSC. The Club will be selling roses, bouquets and spring bulb pots.

Hort Club Meeting, 6:30 pm, 310 Alderman.

Friday, February 14

Hort Club Valentine Day Sale, 9-5 today, SPSC. The Club will be selling roses, bouquets and spring bulb pots.

LOOKING AHEAD

February 26 - "Creative Chile Challenge", Bud Markhart heading up this event. If you want to help, talk to Bud... soon

ASA AWARDS, SCHOLARSHIPS, FELLOWS, 2003 - nomination & application deadline February 28, 2003. Materials are located above graduate student mailboxes....

A note from Brad Pedersen

The posters now displayed outside of 310 Alderman were created for display at the MN Green Expo in January. They are removable for use at other events. Poster creators/contributors:

Alan Smith
Brad Pedersen
Brian Horgan
Chad Giblin
Jeff Gillman
Jerry Cohen
Jim Luby
Julie Weisenhorn
Karina T Zambreno
Karri Bitner
Karyn Vidmar
Neil Anderson
Nicole Gardner
Stan Hokanson
Troy Carson

Photographic Specialties Inc donated poster production.
Karri Bitner
Display & Trial Garden Manager
University of Minnesota
305 Alderman Hall
1970 Folwell Ave
St. Paul, MN 55108

Send news items to Kathy Lloyd
(lloyd002@umn.edu) by Thursday, Feb 13 as I am on vacation Feb 6-17 - thanks, Evonne

EVERY FRIDAY IS...

MAROON & GOLD...

TWIG BENDER

Department of Horticultural Science
305 Alderman Hall
St. Paul, MN 55108
Volume 21, #05, 2/14/03

CALENDAR

Monday, February 17

Plant Molecular Genetics Seminar, An unusual group of nodule specific calmodulin-like genes in *Medicago truncatula*. Junqi Liu, Sr. Research Associate, Agronomy & Plant Genetics, 11:45 am, 239 Gortner Lab

President's Day

APS Seminar, Seminars:

3:30 pm in 306 Borlaug Hall

Speaker: Michael Long

Title: Toward a Comprehensive Understanding of Rose Fragrance

Moderator: Joe Paul

Videotaper: Krishona Martinson

Tuesday, February 18

Dr. Heriberto Cerutti, University of Nebraska/Lincoln "Mechanisms of epigenetic gene silencing in *Chlamydomonas* and *Arabidopsis*: from defense response to developmental control." 3:30, 335 Borlaug Hall.

Wednesday, 19

Wednesday, Feb 19 3:30pm in 310 Alderman Hall
Speaker: CANCELLED

Thursday, February 20

Turfgrass Candidate, Eric Lyons, will be interviewing in the Department. Remember to sign-up to see him.

Friday, February 21

More Turfgrass Meetings with Eric Lyons.

LOOKING AHEAD

February 26 - "Creative Chile Challenge", Bud Markhart heading up this event. If you want to help, talk to Bud... soon

ASA AWARDS, SCHOLARSHIPS, FELLOWS,
2003 - nomination & application deadline February 28, 2003. Materials are located above graduate student mailboxes....

Things My Mother Never Told Me... (Record-Review - Barnseville, Minnesota)

"If you don't die from it, it is healthy."

Evonne is back next week so remember to send your articles to her.



Have a Happy Valentine's Day.



EVERY FRIDAY IS...

MAROON & GOLD...

TWIG BENDER
Department of Horticultural Science
305 Alderman Hall
St. Paul, MN 55108
Volume 21, #06, 2/21/03

CALENDAR

Monday, February 24

- Prelim Papers ready for graduate students taking next Prelim Exam on March 10 in 408 Hayes Hall (note new location).
- APS Seminar will be discussion of the Feb 4 prelim exam, 3:30 pm, 306 BorH.

Tuesday, February 25

- COAFES Curriculum Committee, 10-noon, 119 COB
- PB Developmental/Genomics Candidate Seminar, Regulation and function of floral homeotic genes, Dr. Rebecca Lamb, Yale University, 3:30 pm, 335 BorH.

Wednesday, February 26

- PB Developmental/Genomics Candidate Chalk Talk, Transcription regulation during flower development, Dr. Rebecca Lamb, Yale University, 9:00am, 239 Gortner Lab
- Discovering your Place, to help undergraduate students clarify their academic goals, 11am-3pm, Great Hall at Coffman Memorial Union.
- Creative Chile Challenge (see article for specifics)
- HORT/APS Seminar, Identification of compounds in *Humulus lupulus* and the effect of storage, Stephen Baluch, Agronomy Research Assistant, 3:30 pm, 310 AlderH.

Thursday, February 27

- Dept FCC, 1-3 pm, 398 AlderH.
- PB Developmental/Genomics Candidate Seminar, Control of anther development by a receptor-like Kinase in *Arabidopsis*, Dr. Dazhong Zhao, Penn State U, 3:30 pm, B45 COB.
- Hort Club Meeting, 6-8 pm, 310 Alderman Hall

Friday, February 28

- PB Developmental/Genomics Candidate Seminar, Anther and flower development: Molecular genetic and genomic approaches, Dr. Dazhong Zhao, Penn State U, 9am, 239 Gortner Lab.
- APS Grad Students Soup Lunch, 12-1:30 pm,

306 BorH. Cover charge is \$4 or \$2 if you bring a soup (with ladle). Proceeds go to Second Harvest St. Paul Food Bank. Also bring a dessert to share.

MARCH BIRTHDAYS are: David Zlesak (2), Jerry Johnson (14), Stan Hokanson (28), Danielle Posch (31). Congratulation and Happy Birthday!!!

CREATIVE CHILE CHALLENGE on Wednesday, Feb 26 Here's the Deal====contestants should have their big pot of warm/hot chili in 310 Alderman Hall by 11:30 am for judging. Judges are confidential til after awards are announced. Everyone should bring something green to eat to help make it a nice meal.....Eating will commence at 12 noon. There is a \$2.00 cover charge. All paper products supplied, bring your own beverage. Be there!!! This will be a lot of fun.

SCHOLARSHIP ANNOUNCEMENTS

The Men's Garden Club of Minneapolis (MGCM) will be awarding \$1,000 scholarships to students of horticulture in 2003. Students working toward a degree and career in horticulture, landscaping, or a related professional area are encouraged to apply. MGCM is a group of men and women interested in home gardening and landscaping and improving the communities in which we live. Over the last 11 years, we have awarded a total of \$31,000 for student scholarships. These scholarships are awarded to students whose career goals are consistent with the interests of the MGCM. See Evonne Kuyper in 305 Alderman for an application form. Deadline to apply is May 1, 2003.

TURF NEWS The U of M Turf Club was in Atlanta for the 74th Golf Course Superintendents (GCSAA) Convention and Trade Show. We had four teams representing U of M competing in the Turf Bowl. A total of 71 teams were represented from many

universities and colleges. Congratulations to all four teams: Team 1 (Grant Blumrich, Mike Bratvold, Andrew Carlson, Neil Roberts) placed 18th which was just 9 points from the being in the top 10..... hurrray. Team 2 (Matt Smith, Justin Funk, Kyle Fick, Jeff Reich) placed 23rd. Team 3 (Sam Bauer & Aaron Karn) placed 28th. Team 4 (Tony Dutchin, Gabe Klaassen, Justin Ellison, Corinne Radatz). These are written exams and not run like College Bowl and the 18th place is the best our U has ever placed....They are studying hard to move up next year. You make us proud and we love hearing about what your accomplishments!!!! Congratulations and Good Job!!!! GO TURFIES

TRIATHLON - Melissa Fischbach, one of our M.Ag students, is training for the "Memphis in May" triathlon and raising money for the Leukemia and Lymphoma Society (LLS). Please consider making a tax-deductible donation to support her participation in this event and help advance the Society's mission. You can learn more about her training, the LLS, and even donate online by going to her website:
www.teamintraining.org/participant/fischbach-68699

Every donation, big or small, is greatly appreciated! Please do not hesitate to contact her (carl0608@umn.edu) for more information!!!

FINAL EXAM block examination schedule for Spring Semester 2003 is posted across from faculty mail boxes.

LOOKING AHEAD

March 5-7 Turf Candidate Interviewing (Paul Johnson)

March 6,7 - APS Graduate Student Recruiting

with reception at Eastcliffe on the 6th and coffee/rolls Friday morning, the 7th. Happy hour with faculty, current grad students at 4 pm, the 7th in 310 AlderH. All grad faculty are encouraged to attend these events even if you are not currently seeking a grad student for next fall.

Lynne Medgaarden is coordinating all the appointments with prospective graduate students (5-4742). Get in touch with her immediately for visits.

Send news items to Evonne Kuyper
(kuype001@umn.edu) by Thursdays

EVERY FRIDAY IS...

MAROON & GOLD...

CASUAL FRIDAY

TWIG BENDER
Department of Horticultural Science
305 Alderman Hall
St. Paul, MN 55108
Volume 21, #07, 2/28/03

CALENDAR

Monday, March 3

APS Seminar, Effect of nitrogen on insect attack in plants, Joe Paul, APS Grad Student, 3:30 pm, 306 BorH.

Tuesday, March 4

PB Developmental/Genomics Candidate Seminar, Integration of Genetics and Genomics for Understanding Plant Defense Responses, Dr. Jane Glazebrook, Torrey Mesa Research Institute, 3:30 pm, 335 BorH.

Wednesday, March 5

PB Developmental/Genomics Candidate Chalk Talk, High-Throughput Approaches for Elucidating Plant Disease Resistance Network Topology, Dr. Jane Glazebrook, Torrey Mesa Research Institute, 9:00am, 239 Gortner Lab

USC meeting, 1-2:30 pm, 398 AlderH.

APS/Hort Thesis Proposal, Growth and Management of Common Buckthorn, Jenipher Bisikway, APS Grad Student, 3:30 pm, 310 AlderH.

Thursday, March 6

Turfgrass Science Candidate Seminar, Turfgrass Science: Opportunities and goals at Minnesota, Dr. Paul Johnson, Dept of Plants, Soils, & Biometeorology, Utah State, 10:30 am, 310 Alderman Hall

APS Prospective Graduate Student Reception at Eastcliffe, 6-9 pm. Faculty should attend & RSVP to Lynne Medgarden, 5-4742.

Friday, March 7

APS Prospective Graduate Student coffee/rolls, 8-9:30 am, 306 BorH. Even if you do not have funding, please come and meet the prospective graduate students that are here looking us over.

March 7 - APS Prospective Graduate Student Happy Hour with visitors, faculty & current graduate students, 4:00 pm, 310 Alderman.

LOOKING AHEAD

- March 9-11 - Turfgrass Science Candidate, Zac Reicher, Purdue University.

- March 12 - Kermit Olson Memorial Lecture & Awards, Dr. Richard J. Campbell, Senior Curator & Head of the Tropical Fruit Program at Fairchild Tropical Garden, Coral Gables, Florida, 3:30 pm, 110 Green

-April 15 - Hamm Memorial Awards Ceremony & Lecture, Dr. Gary Felton, Penn State, 3:30 pm, 335 BorH.

WANTED - discount coupons for Michaels Craft Store....Keep checking your Mpls or St. Paul Sunday newspaper - Evonne will gladly accept them any week that they can be used. I'm on a craft binge... Thank you in advance!

STUDENTS This week was AgCareers Week and there are job postings online at www.Farms.com/Careers - and it's not just for farmers... check it out!

Send news items to Evonne Kuyper (kuype001@umn.edu) by Thursdays

EVERY FRIDAY
IS... MAROON &
GOLD...CASUAL
FRIDAY

TWIG BENDER
Department of Horticultural Science
305 Alderman Hall
St. Paul, MN 55108
Volume 21, #07, 3/07/03

CALENDAR

Monday, March 10

Prelim Exam, 9-3, 408 Hayes Hall.

Turfgrass Science Candidate Seminar, Building a Better Mousetrap: Making a Turf Program Distinct from the Rest, Zac Reicher, Purdue University 10:30 am, 310 Alderman Hall

APS Seminar, Efficacy of Transgenic Cotton, Sam Hutton, APS Grad Student, 3:30 pm, 306 BorH.

Tuesday, March 11

PBS Seminar, Inter-domain cross-talk and phosphorylation in the phytochrome A molecule, Dr. Pill-Soon Song, University of Nebraska/Lincoln, 3:30 pm, 335 BorH.

Wednesday, March 12

Faculty Meeting, 1-2:30 pm, 310 Alderman Hall
Kermit Olson Memorial Lecture & Awards Ceremony, Modern Economic Botany: Tropical Fruit Markets and Resources, Dr. Richard J. Campbell, Senior Curator & Head of the Tropical Fruit Program at Fairchild Tropical Garden, Coral Gables, Florida. Awards at 3:30 pm, lecture begins at 4 pm, 110 Green Hall. Reception following at 5 pm in 310 Alderman.

Thursday, March 13

Dept. FCC, 1 pm, 398 AlderH.

Hort Greenhouse Committee, 3-4pm, 152 AlderH.

Hort Club Meeting, 6-8 pm, 310 AlderH.

LOOKING AHEAD

April 15 - Hamm Memorial Awards Ceremony & Lecture, Dr. Gary Felton, Penn State, 3:30 pm, 335 BorH.

PHILIP C. HAMM MEMORIAL SCHOLARSHIP PROGRAM for graduate students in Plant Sciences and related disciplines. Deadline to apply March 12. See posting across from your mailboxes.

PHILIP C. HAMM MEMORIAL SCHOLARSHIP PROGRAM for undergraduate students in the Plant Sciences and related disciplines. Posted in 3rd floor Alderman Hall lobby under "Scholarships".

FOR SALE: 2 tickets to Northrop, Twyla Tharp Dance Group, March 28, 8 pm, \$40.50. See Evonne if interested.

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.

WANTED - discount coupons for Michaels & Joanne's Fabric & Craft Stores....Keep checking your Mpls or St. Paul Sunday newspaper - I am still accepting them any week that they can be used. I'm on a craft binge... I really want to thank my donors - I haven't let one coupon go to waste.... Mostly I am increasing my yarn supply and have a long way to go.

Send news items to Evonne Kuyper
(kuype001@umn.edu) by Thursdays

EVERY FRIDAY IS...
MAROON & GOLD
CASUAL FRIDAY

TWIG BENDER

Department of Horticultural Science
305 Alderman Hall
St. Paul, MN 55108
Volume 21, #08, 3/14/03

Weekly Calendar

SPRING BREAK

Monday, March 17

St Patricks Day

No APS Seminar

Tuesday, March 18

No PBS Seminar

Wednesday, March 19

USC, 1-2:30pm, 398 AlderH.

No Hort Seminar

Thursday, March 20

MACHS begins - registration 6-8 pm at
the Radisson

Welcome by Jeff Gillman, 8 pm

Friday, March 21

MACHS continues

FROM NADILIA GOMEZ "What an incredible surprise to have been awarded this year's Alderman Scholarship. Grad student success is a reflection of departmental success so I would like to thank you all, especially my professors, for building an environment where my positive characteristics show up more often than my negative ones. Special thanks, too, to grad students like Anne Marie Connor, Ryan Warner and David Zlesak, who have received this award in the past and are excellent role models. What big shoes to fill! Thank you". Nadilia Gomez

MAROON & GOLD
CASUAL FRIDAYS

HAVE A GREAT WEEKEND

GO GOPHERS

TWIG BENDER

Department of Horticultural Science
305 Alderman Hall
St. Paul, MN 55108
Volume 21, #09, 3/28/03

Weekly Calendar

Monday, March 31

APS Seminar, discussion of March 10th
APS written prelim exam questions, 3:30
pm, 306 Borlaug Hall

Tuesday, April 1

April Fools Day

Wednesday, April 2

USC, 1-2:30pm, 398 AlderH.

APS Seminar, The Domestication and Commercialization of Wild Rice, Hazelnuts, and Illinois Bundleflower: New Agriculture or continued oligarchical myopism? Jason Fischbach, 3:30 pm, 310 Alderman Hall

Thursday, April 3

Farewell Ice Cream Social for Colleen Byrne, 3-4 pm, 310 Alderman. See articles.

Friday, April 4

Reception & Tour Day for new Admits and their parents. Hort will host their new admits between 2:20-3:20 pm. Faculty volunteering are: Anderson, Gillman, Hoover plus a Hort Club & Turf Club representative. (310 Alderman Hall)

BON VOYAGE - Colleen Byrne in the Yard and Garden office has accepted another position in the Center for Four-H Youth Development, McNamara Center. She's been with us for five years and will be greatly missed. Please join us for an ice cream social to wish her well before her departure. Thursday, April 3, 2003 310 Alderman, 3-4 PM. If you are able to attend, please bring bars OR cookies OR toppings to share with the ice cream. Please RSVP to this email, so that we may get a head count to purchase enough frozen fun!!!!!!! Zoellan Kjernes

CAREER FAIR - Our students are invited to attend the College of Architecture and Landscape Architecture Career Fair on Wednesday, April 2nd from 5-8pm, indoor Courtyard of the Architecture Building (Rapson Hall). 89 Church Street SE. This fair is by no means just an Architecture fair, and will be of interest to your students - particularly interested in Horticulture, Engineering, Urban Studies, Design (of all kinds!), Marketing, Planning, Advertising, Merchandising, Business, Geography etc. Most Arch and Landscape Arch firms today are full service companies which cater to the client's every desire, making them a home for a host of graduates with very different majors. All students and interested parties are welcome - and there are a number of firms hiring at this time as well! This event is completely FREE!

MACHS 2003 Hosted at the U of MN

MACHS 2003 was a terrific success! Almost 70 students and advisors from 10 schools across the Midwest attended the Mid-American Collegiate Horticultural Society's annual convention at the U of MN from March 19-22 (including U of Illinois, Iowa State, Kansas State, Michigan State, Central Missouri State, U of Nebraska, South Dakota State, U of W River Falls, U of MN Crookston and U of MN Twin Cities.) Thursday's events included competitions such as an identification contest, judging contest and knowledge exam. We also had a one hour tour of campus by bus and Comedy Sportz provided entertainment for the night. On Friday, we toured Como Conservatory and Bachman's 'behind the scenes' as well as the Arboretum and the HRC. We then let them have the evening free at the Mall of America. On Saturday we had a fantastic schedule of speakers including David Zlesak, Nadilia Gomez, and Dr. Neil



Anderson. Saturday evening we had a beautiful banquet at the Radisson with keynote speaker Jean Larson about Therapeutic Horticulture. We're happy to announce that Iowa State University was the winner of the competitions and took home the traveling trophy (instead of Michigan State again...). Thanks to all the students and faculty that made MACHS 2003 possible! Visiting students said it was the best convention they've been to! MACHS 2004 will be held at Michigan State. Thanks to Tamara Basara for submitting this articles.

MAROON & GOLD CASUAL FRIDAYS

HAVE A GREAT WEEKEND



GO GOPHERS



TWIG BENDER

Department of Horticultural Science
305 Alderman Hall
St. Paul, MN 55108
Volume 21, #10, 4/04/03

Weekly Calendar - MN Royal Week

Monday, April 7

APS Seminar, H.K. Hayes Memorial Lecture & Hayes Graduate Student Award, A Time to Choose, Robert Bergland, Former U of M Regent and U.S. Secretary of Agriculture, 3-4 pm, 335 Borlaug Hall. Reception 4-5pm, 306 BorH.

Tuesday, April 8

PBS Symposium, The Genetic Basis of Plant Morphological Evolution, Dr. David Baum, University of Wisconsin/Madison, 3:30 pm, 335 BorH.

Wednesday, April 9

Hort Faculty, 1-2:30, 310 AlderH.

APS Seminar, Analyzing and Managing Risk in Farming Systems, Jason DeBruin, APS Graduate Student, 3:30 pm, 310 Alderman Hall

Thursday, April 10

Dept FCC, 1 pm, 398 AlderH.

Hort Club Meeting, 6:30 pm, 310 Alderman

Friday, April 11

Deadline to register for the Life Sciences Undergraduate Research Symposium held on April 30. All info posted on bulletin board of 3rd floor lobby, Alderman Hall.

HORT CLUB NEWS - members are pairing up with Crops & Soils Club members to participate in MN Royal events all week. The club met on April 3 to work on a watering schedule for their greenhouse full of plants (for spring sale?). Can't wait. Dates to be announced soon. Thanks Lindsey for the update!

Student Chapter, U of MN, Golf Course Superintendents Association of America, GCSAA

TURF CLUB OFFICERS for 2003-04

President - Matt Smith - smit1726@umn.edu
V. President-Tony Dutchin - dutc0017@umn.edu
Secretary-Corinne Radatz - rada0031@umn.edu
Treasurer - Justin Ellison - elli0484@umn.edu
Liaison - Phil Mahal - maha0059@umn.edu
Jon Spitzer
Faculty Adviser-Brian Horgan bhorgan@umn.edu
Congratulations!!!

APRIL BIRTHDAYS - Peter Olin (16),
Karen Hokanson (24) - any others???
Happy Birthday!!!!

LOOKING AHEAD

April 15 - Phillip C. Hamm Memorial Lecture, Mixed Messages in Caterpillar Saliva: Implication for Plant Defenses, Dr. Gary Felton, Penn State, Dept of Entomology, 4-5:30 awards & Lecture. Reception from 3:30-4:00 pm, BorH.

May 20-Preparing Future Faculty Retreat for graduate students who are, have been or will be part of the University's teaching community. 9-2 pm, Earle Brown Center.

June 14-19 - The Bioethics Institute 2003, McNamara Alumni Center. Deadline for applications: April 15, 2003.
www.bioethics.umn.edu

MAROON & GOLD CASUAL FRIDAYS

HAVE A GREAT WEEKEND

GO GOPHERS

NCAA

TWIG BENDER

Department of Horticultural Science

305 Alderman Hall

St. Paul, MN 55108

Volume 21, #11, 4/11/03

Weekly Calendar

Monday, April 14

APS Seminar, Impacts of Pesticide Use on Human Health, Ryan Miller, 3:30 pm, 306 BorH

Tuesday, April 15

Phillip C. Hamm Memorial Lecture, Mixed Messages in Caterpillar Saliva: Implication for Plant Defenses, Dr. Gary Felton, Penn State, Dept of Entomology, 4-5:30 awards & Lecture. Reception from 3:30-4:00 pm, BorH.

Wednesday, April 16

APS Thesis Proposal, Genetic variation in corn breeding populations with different numbers of parents, Dindo Tababnao, APS Graduate Student, 3:30 pm, 310 Alderman Hall

Thursday, April 17

Dept FCC Marathon Meeting, 10 am - whenever, 398 AlderH.

Friday, April 18

Have a Good Weekend!!

LOOKING AHEAD

May 7-10 - Hort Club Spring Plant Sale.

NOTE: new location this year is at the corner of Larpenteur and Cleveland Avenues.

May 20-Preparing Future Faculty Retreat for graduate students who are, have been or will be part of the University's teaching community. 9-2 pm, Earle Brown Center.

June 14-19 - The Bioethics Institute 2003, McNamara Alumni Center. Deadline for applications: April 15, 2003.

www.bioethics.umn.edu

Dave Rogers' BIG BUGS? The artist is currently onsite at the Minnesota Landscape Arboretum (MLA), Chanhassen, doing maintenance and installation on the traveling exhibit that has been featured at, among others, the National Arboretum, Desert Botanic, Denver Botanic, Santa Barbara Botanic, and others... as well as at Epcot Center. The MLA exhibit will open May 3, with education and family programs running through September 28. Hort related topics are offered through the Adult Education program. Interested persons should contact Shirley Kooyman at 952-443-1422, or visit the Arboretum website at arboretum.umn.edu. Additional info is available on a regular basis, through Julie Smith at julie@arboretum.umn.edu.

MAROON & GOLD CASUAL FRIDAYS

HAVE A GREAT WEEKEND

GO GOPHERS

Watch the Golden Gophers play New Hampshire, Sat at 6 pm, ESPN Sport

Hockey that is

TWIG BENDER

Department of Horticultural Science
305 Alderman Hall
St. Paul, MN 55108
Volume 21, #12, 4/25/03

Weekly Calendar

Monday, April 28

FFA Day - lots of judging and I.D. exams going on in Alderman and Greenhouse. These could be our future Environmental Hort students, so be sure to make them feel welcomed!

APS Seminar, Effect of silicon on plant pest resistance, Elizabeth Vaughan, APS Graduate Student, 3:30 pm, 306 BorH

Tuesday, April 29

PBS Colloquium, Sunny side up: the functional ecology of flower heliotropism in an alpine buttercup, Dr. Candi Galen, University of Missouri, 3:30 pm, 335 Borlaug.

Wednesday, April 30

APS Seminar, Cheating: when mutualistic relationships go bad, Ina Timling, APS Graduate Student, 3:30 pm, 310 Alderman Hall

* * * * *

MAY BIRTHDAYS: Paul Li (4), Karina Zambreno (7), Karin Kettenring (9), Fernando DeVillena (13), Charlie Rohwer (30), Elizabeth Zimmerman (30). Happy Birthday!!!

LOOKING AHEAD

May 7-10 - Hort Club Spring Plant Sale.

NOTE: new location this year is at the corner of Larpenieur and Cleveland Avenues.

May 20-Preparing Future Faculty Retreat for graduate students who are, have been or will be part of the University's teaching community. 9-2 pm, Earle Brown Center.

June 14-19 - The Bioethics Institute 2003, McNamara Alumni Center. Deadline for applications: April 15, 2003. Memo dated 4/21 states: There are still spaces available to accommodate interested faculty members. www.bioethics.umn.edu

EXHIBIT OPENS MAY 3 - Dave Rogers' BIG BUGS? The artist is currently onsite at the Minnesota Landscape Arboretum (MLA), Chanhassen, doing maintenance and installation on the traveling exhibit that has been featured at, among others, the National Arboretum, Desert Botanic, Denver Botanic, Santa Barbara Botanic, and others... as well as at Epcot Center. The MLA exhibit runs through September 28. Hort related topics are offered through the Adult Education program. Interested persons should contact Shirley Kooyman at 952-443-1422, or visit the Arboretum website at arboretum.umn.edu. Additional info is available on a regular basis, through Julie Smith at julie@arboretum.umn.edu. DON'T MISS IT

TAKE THE COMMUTER CHALLENGE AND WIN! During the month of May, University of Minnesota faculty and staff members are encouraged to take up the Commuter Challenge sponsored by Metro Commuter Services, Greater Minnesota Ride-share, and your Commuter Choice partners. All you have to do is sign up, is try one alternative mode of transportation (walking, bicycling, busing, or carpooling) one time during the month of May, and you qualify for a chance to win big prizes. Every participant will receive a Commuter Challenge t-shirt; has his/her name entered in weekly drawings for athletic tickets, restaurant gift certificates, bikes, and more; and has a chance to win the grand prize: a trip for two to the Bahamas! To register for the challenge, simply go to www.b-bop.org, call 651-602-1602, or attend the University of Minnesota Commuter Challenge Fair, which takes place from 10 a.m. to 2 p.m. outside the St. Paul Student Center on Tuesday, May 6.

**MAROON & GOLD CASUAL
FRIDAYS**
HAVE A GREAT WEEKEND

TWIG BENDER

Department of Horticultural Science
305 Alderman Hall
St. Paul, MN 55108
Volume 21, #13, 5/02/03

Weekly Calendar

COMMUTER CHALLENGE MONTH

Monday, May 5

APS Seminar, A Tale of Two Fruit Crops: Approaches to overcoming genetic vulnerability in banana and papaya, Emily Wennerlind, APS Graduate Student, 3:30pm in 306 Borlaug Hall. Moderator: Harpartap S. Mann, Videotaper: Elizabeth Vaughan

Tuesday, May 6

Minnesota Commuter Challenge Fair, 10 a.m. to 2 p.m. outside the St. Paul Student Center.

PBS Colloquium, Carbon Concentration Mechanism in Plants and Algae, Dr. Arun Goyal, Dept. of Plant Biology U of M/Duluth, 3:30 pm, 335 Borlaug.

Wednesday, May 7

Hort Club Spring Plant Sale, corner of Larpenteur and Cleveland Ave, 9am-6:30pm

USC, 1-2:30 pm, 398 AlderH.

APS Seminar, Comparative genetics of disease resistance in Solanaceae, Ioana Dinu, APS Graduate Student, 3:30 pm, 310 Alderman Hall, Moderator: David Zlesak, Videotaper: Ina Timling

Thursday, May 8

FCC, 1-3pm, 398 AlderH.

Hort Club Spring Plant Sale, corner of Larpenteur and Cleveland Ave. 9am-6:30pm

Friday, May 9

Hort Club Spring Plant Sale, corner of Larpenteur and Cleveland Ave. 9am-6:30pm

Saturday, May 10

Hort Club Spring Plant Sale, corner of Larpenteur and Cleveland Ave. 9am-6:30pm

CONGRATULATIONS TO ENVIRONMENTAL HORT SENIORS GRADUATING MAY 11.

If you are "walking", Carl Rosen, Interim Department Head, will be there to congratulate you. Seniors include: Tamara Basara, Michael Bratvold, Adam Bressler, Andrew Carlson, Stephanie Clausen-Stout, Tara Dibble, Rachel Elsen, Kyle Fick, Bryn Friczek, Justin Funk, Kristina Blucklich, Cara Helgeson, Elisabeth Janiga, Tamara Jennissen, Katie Kocian, Reva Kos, Heather Krause, Emily Malcolm, Joel Mason, Carl Mielke, Paulette Noser, Jeffrey Reich, Neil Roberts, Mary Rogers, Randy Rosenberry, Rebecca Schroeder, Gary Scott, Patricia Sportel, Holly Teslow, Gina Ubl, and Paul Wichmann.

The Department of Horticultural Science, wish you the best and will miss this great group of students. One last reminder is to fill out the "Career Survey" that you received on-line from Sara Nagel Newberg. If you deleted it - please ask for another either from Sara (190 Coffey) or Evonne has a hard copy. It is very important that you fill this out - the data is needed for our continued successful program. Thanks so much for doing this. Evonne Kuyper, Student Support Services Assistant.

CONGRATULATIONS TO MASTER OF AGRICULTURE in HORTICULTURE STUDENTS WHO ARE GRADUATING and "walking" in the May 11 ceremony at Northrop: Elizabeth Darner, Karin Johnson, Annette LeDuc, and Janis Shearer. Others may be graduating but not walking - Congratulations to all!!!

That's all folks
MAROON & GOLD CASUAL
FRIDAYS
ENJOY THE WEEKEND

TWIG BENDER

Department of Horticultural Science
305 Alderman Hall
St. Paul, MN 55108
Volume 21, #14, 5/09/03

COMMUTER CHALLENGE MONTH

Weekly Calendar - FINALS WEEK

Wednesday, May 14

Hort Faculty Meeting, 1 pm, 310 AlderH.

Center for Plants and Human Health Spring Symposium,

"Products from Whole Grains with Health-improving Attributes", Dr. George E. Inglett, US Department of Agriculture Agricultural Research Service

"Challenges and Opportunities Confronting the Botanical Dietary Supplement Industry"

Dr. John H. Cardellina II, National Cancer Institute

"Genetic Enhancement of Soybeans for Food Uses", Dr. Anthony Kinney, DuPont

"Cancer Prevention with Freeze-dried Berries" Dr. Gary Stoner, Professor and Chair, The Ohio State University School of Public Health, Time: 8:00 a.m. - 1:00 p.m., William G.

Shepherd Room, Weisman Art Museum
A Complimentary Buffet Lunch will be served.

There is no charge for the Symposium; however, you must register in advance to receive a lunch ticket (pick up ticket at the Symposium). To register, send an email with your name and affiliation to

<mailto:cphh@umn.edu>. Additional details about the Symposium will be posted on our website -

<http://cphh.coafes.umn.edu>.

CONGRATULATIONS TO MASTER OF AGRICULTURE in HORTICULTURE STUDENTS WHO ARE GRADUATING and "walking" in the May 11 ceremony at Northrop: We want to add Karyn Vidmar to this list of graduates. Congratulations to all!!!

LOOKING AHEAD...

May 21 MAg Seminar - "Evaluation of the Junior Master Gardener Program with Regard to the Minnesota High Standards", Kim Brown, 1:30 pm, 310 Alderman Hall

May 22 MAg Seminar - " Plant Survival in a Restored Oak Savanna", Annette LeDuc, 9 am, 310 Alderman Hall.

June 9,10 - North Central Teaching Symposium, "Building Communities of Teaching and Learning", St. Paul Campus. Web site for registration: www.ardilla.umn.edu/ncts

June 14,15 - The Bioethics Conference, McNamara Alumni Center.

QUOTE OF THE MONTH

"Gardeners harvest the sun. Ours is an alchemy more precious than turning lead into gold. We can turn sunlight into sugar. Plants, or course, have been photosynthesizing without our help for some 450 million years; we only learned to make the most of it about 10,000 years ago. But no discovery before or since has made such a difference."

-- Roger B. Swain

P.S. If you no longer want to received this newsletter, please e-mail me: kuype001@umn.edu

That's all folks
MAROON & GOLD CASUAL
FRIDAYS
ENJOY THE WEEKEND

TWIG BENDER

Department of Horticultural Science
305 Alderman Hall
St. Paul, MN 55108
Volume 21, #15, 5/16/03

I'M COMMUTER CHALLENGED - HOW ABOUT YOU ?

Weekly Calendar

Sunday, May 18

University of Minnesota GRADUATES are invited to a reception at Eastcliff. President Robert Bruininks and his wife, Susan Hagsstrum, cordially invite you, a guest, and your family to a graduation reception with music and refreshments, 11am-12:30 pm and 3:30-5:00 pm. To attend, call 612-625-5512 or chels005@umn.edu

Monday, May 19

Greening Committee, 3-4:30 pm, 398 AlderH

Wednesday, May 21

GRADE DEADLINE IS MIDNIGHT. Get all directed studies to Evonne by noon. Thanks

AFSMA Conference, 8-noon, 310 AlderH.

Sota Tech Mtg, 9-11 am, 398 AlderH.

Master of Ag Seminar, Evaluation of the Junior Master Gardener Program with Regard to the Minnesota High Standards, Kim Brown, 1:30 pm, 310 Alderman Hall

Master of Ag Seminar, Evaluating the Junior Master Gardener program in Minnesota, Liz Darner, 2:30 pm, 310 Alderman Hall

Thursday, May 22

Master of Ag Seminar, Plant Survival in a Restored Oak Savanna, Annette LeDuc, 9 am, 310 Alderman Hall

Friday, May 23

Project Revision Seminar, Biochemical /Molecular Factors Controlling Potato Quality During Growth and Storage, Joe Sowokinos, 9:00 am, 310 AlderH.

STILL LOOKING AHEAD...

May 30 - Official opening of Phase I of the U of MN Plant Growth Facility, located at 1907 Dudley Ave, St. Paul Campus, 3 pm. If attending, please RSVP Shelly Tschida at stschida@umn.edu Web tours at www.facm.umn.edu/facm/construction.htm

June 5 - Fifth Annual CSBU Staff Day 2003, 11:30-1:00 pm, St. Paul "Pit".

June 9,10 - North Central Teaching Symposium, "Building Communities of Teaching and Learning", St. Paul Campus. Web site for registration: www.ardilla.umn.edu/ncts

June 14,15 - The Bioethics Conference, McNamara Alumni Center.

June 28,29 - Invasion Biology Research Consortium Research Symposium, Biological Control: Risks and Benefits, 33 McNeal Hall. Details and registration at www.mnibrc.umn.edu/symposium.htm

NEW BABY - girl, Erin Rose Thill, born on May 10 weighing in at 6 lbs 14 oz, 19 ½". Mary and Christian Thill are thrilled. Congratulations!

QUOTE OF THE WEEK

"The only good Rhubarb is a dead Rhubarb",
Laura Kalisch

P.S. If you no longer want to received this newsletter, please e-mail me:
kuype001@umn.edu

That's all folks
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Volume 21, #16, 5/30/03

Weekly Calendar

TODAY Friday, May 30

Official opening of Phase I of the U of MN Plant Growth Facility, located at 1907 Dudley Ave, St. Paul Campus, 3 pm. Web tours at www.facm.umn.edu/facm/construction.htm

Greenhouse request forms DUE TODAY for the year July 1, 2003 to June 30, 2004 to Pam and/or Roger. 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 Pam, 5-3153; alter002@umn.edu

Saturday, May 31

Memorial Service for Jennifer Lloyd, daughter of Kathy Lloyd, 11am, St. Stephen's Catholic Church, 2020 5th Ave. N. in Anoka.

Monday, June 2

Tuesday, June

Wednesday, June 4

Kathy's back

Thursday, June 5 - fun day

Fifth Annual CSBU Staff Day 2003, 11:30-1:00 pm, St. Paul "Pit".

Friday, June 6 - fun day

Party at Hokanson's for faculty, staff, students, 6 pm, wear a smile, BYOB, a salad or dessert. RSVP to hokan018@umn.edu or hokan017@umn.edu They are making Mexican BBQ - Carne Asada and the fixin's - be there or be square. Address is 4651 Chandler Rd in Shoreview.

CONGRATULATIONS - to Troy Carson on successfully completing his Masters Degree.

RHUBARB DAY (5/20) was a big success, Thanks to all who brought rhubarb treats.

PHONE BOOKS - Mpls phone books are in the main office - please help yourself. Put last year's book under the display in the lobby. Thanks.

JUNE BIRTHDAYS

Esther Gesick (1), Chad Giblin (5), Emily Hoover, (5), Jim Luby (5), WenPing Chen (8), Demitre Mollov (11), Vince Fritz (16), Lana Barkawi (21), Alison Duff (23 her Golden Birthday), Brad Pedersen (23), Brian Horgan (28). Congratulations and wow - what a month.

FAREWELL to Alison Duff who moves to Madison to study for her graduate degree.

NO NEWS IS GOOD NEWS - The Hort Newsletter (TWIG) will be intermittent this summer. P.S. If you no longer want to received this newsletter, please e-mail me: kuype001@umn.edu

LOOKING AHEAD...

June 9,10 - North Central Teaching Symposium, "Building Communities of Teaching and Learning", St. Paul Campus. Web site for registration: www.ardilla.umn.edu/ncts

June 14,15 - The Bioethics Conference, McNamara Alumni Center.

That's all folks
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Volume 21, #17, 6/30/03

UNIVERSITY OFFICES ARE CLOSED on July 4th.

UPCOMING MEETING...

July 7th - USC/Land Arch meeting, 8:30 am,
310 Alderman Hall.

NEEDED: strobe light/or vehicle warning light that magnetizes to roof of vehicle - either one that connects to cigarette/lighter or battery operated. See Nadilia Gomez if you have such an item.

JULY BIRTHDAYS

Marjorie Ross (4), Dave Davis (6), Mary Meyer (6), Ryan Warner (6), Dana Lehigh (7), Christian Thill (14), Larry Vetter (15), Dick Wenkel (20), Nadilia Gomez (25), Kathy Lloyd (25), Dave Ruschy (29). Congratulations.

NOTE OF THANKS FROM Don and Jean White reads "What a wonderful 50th Anniversary celebration we had!! It was made even brighter by the gorgeous flower arrangement! We are blest to have such wonderful friends. Thank you all for adding such beauty to our celebration".

MN STATE FAIR is August 21 - September 1. It is not too early to come by my desk and sign up to work our Hort display located in the Horticulture Building. Shifts run 3 hours (10-1, 1-4 & 4-7). Each person to work a shift will receive an admission ticket to the MN State Fair. Evonne Kuyper

CHANGE OF MAILING ADDRESS for Minnesota Landscape Arboretum is now 3675 Arboretum Boulevard, Chaska, MN 55318-9613. Differences are from Drive to Boulevard and from Chanhassen to Chaska and new zip code. Please make this note in your directory.

That's all folks

**MAROON & GOLD CASUAL
FRIDAYS**

ENJOY THE 4th OF JULY WEEKEND

TWIG BENDER

Department of Horticultural Science

305 Alderman Hall

St. Paul, MN 55108

Volume 21, #18, 7/23/03

Dates to Remember:

July 31 - Morris Hort Night

August 7 - Minnesota Nursery & Landscape Association Summer Field Days, St. Paul Campus

August 11 - USC Meeting, 8:30-10:30 am, 398 Alderman

August 27 - Grand Rapids Hort Night

September 10 - Hort Dept Welcome Reception

CONGRATULATIONS to **Christian Thill**, who has been promoted to Associate Professor effective July 1, 2003.

CONGRATULATIONS to **Nadilia Gomez**, who passed her oral prelim exam on July 22.

WELCOME ABOARD to **Karyn Vidmar**, who accepted the position of Research Plot Coordinator beginning August 11.

AUGUST BIRTHDAYS: Gary Gardner (1), John Erwin (8), Laura Kalisch (19).
Congratulations.

Economical...."Is your wife economical?" asked Sven. "Oh ya," said Big Ole, "sometimes she is economical. Yust last night she had only twenty nine candles on her 50th birthday cake."

APS Grad Student Association Officers for 2003-04

President	-	Nadilia Gomez
V-President	-	Karin Kettenring
Secretary	-	Charlie Rowher
Treasurer	-	Penny Kianian
Track Reps	-	Martin Alberbide, PB
	-	Majorie Ross (Hort)
	-	Krishona Martinson (Agroec)
	-	Lois Braun (General)
COGS Rep	-	Jen Jacobs

MN STATE FAIR is August 21 - September 1. It is not too early to come by my desk and sign up to work our Hort display located in the Horticulture Building. Shifts run 3 hours (10-1, 1-4 & 4-7). Each person to work a shift will receive an admission ticket to the MN State Fair. Evonne Kuyper

ALL FACULTY, STAFF & STUDENTS... if you have not visited the Display and Trial Garden lately--now would be a great time. Jill Pharis and crew have done an outstanding job getting ready for the upcoming MNLA summer event on Aug 7. The garden has never looked better! We are trialing many new annual bedding plant cultivars for garden performance and herbaceous perennials for winter hardiness evaluations. One experiment we'd like your comments on involves hanging baskets. This experiment tests the performance and durability of a new hanging basket liner (made from Kenaf). See whether you like these liners, compared with coco fiber liners. Kenaf is a native U.S. fiber crop and the liners are woven by a MN company. There are paired comparisons hanging throughout the garden. You are also welcome to visit the Landscape Design Studio (405 Alderman), a tour stop for MNLA landscape designers. Julie Weisenhorn and Karina Zambreno have worked hard to showcase our Environmental Horticulture Major and Landscape Design Program.
Submitted by Neil Anderson & Brad Pedersen

That's all folks

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305 Alderman Hall
St. Paul, MN 55108
Volume 21, #20, 9/05/03
Evonne Kuyper, kuype001@umn.edu

Kickoff Party Weekly Calendar

TWO DAYS OF NON-STOP EATING

Tuesday, Sept 9

USC meeting, 1:30-3:00 pm, 398 AlderH.

COAFES Kickoff for all, 11:30-1pm, North Star Ballroom. Pizza I believe...

APS sponsors Fall kickoff picnic for all faculty, staff, and graduate students at the West Picnic Shelter at Como Park beginning at 4:30 pm. \$2 donation from individuals and \$5 for families of 3 or more. Main course provided, bring a dish to share. Be sure to bring fun outdoor activity equipment like soccer ball, Frisbee, volleyball, etc and/or lawn chair for refereeing. Questions, check with Grad Club President, Charlie Rohwer, rohwo009@umn.edu

PBS Program Reception for new PBS students, faculty & staff. Introduction by Dr. Dave Somers, Director of Graduate Studies, 3:30 pm, 335 Borlaug.

Wednesday, Sept 10

Hort Dept Potluck for faculty, staff, all students, 11:30- 1 pm, 310 Alderman - bring a dish to share. Followed by Faculty meeting, 1-3 pm, 310 AlderH. No dept seminar at 3:30

CONGRATULATIONS to **Grade Pietsch**, who passed her oral prelim exam on July 24. I'm late announcing - sorry.

ADVANCED DEGREES SUCCESSFULLY COMPLETED - Master of Agriculture in Horticulture students include: Kyla Zaro-Moore, Carol Hough, Elizabeth Darner, Kimberly Brown, and Dan Peterson. PhD

awarded: Ken McNeil; MS awarded: Danielle Posch, Congratulations! If I missed anyone, let me know.

MEN'S GARDEN CLUB OF MINNESOTA SCHOLARSHIP RECIPIENTS in May 2003 were: Melissa Melco - congratulations. If there are students who received scholarship awards, please let me know and I am happy to publish.

FRESHMEN SCHOLARSHIP WINNERS:

Nathan Giguere, Rebecca Koll,, Allen Mestad,, Catherine Stephan, Lori Yakle. Congratulations!!! By the way, I process the paper work for undergraduate scholarships, so let me know if you have any problems receiving the funds. Evonne Kuyper, kuype001@umn.edu

WELCOME NEW PEOPLE: for those of you who are new employees, grad students, post doc or research fellow, please forward a few paragraphs about yourself (both professional and hobbies) to me for inclusion in our (now) weekly newsletter. Some of those new faces and names are: Karyn Vidmar, Vance Whitaker (one "t"), David Galitz, Joseph Baltrukonis, Sherry Brooks, Jane Crompton, Linda Guertler, Pamela McMurry, Luis Martin, Matthew Olsonoski, Gus Tassara to name a few. Submit article to me by Thursdays at 3 pm via e-mail, kuype001@umn.edu. I look forward to hearing from you and thanks - remember to have Kathy Lloyd take your picture for our dept Rogues Gallery.

TURFIES - Attention - The scholarship application for Trans-Mississippi Golf Association is now available at my counter - pick one up, fill it out, submit it back to me no later than September 22. That organization

will award two \$1,250 scholarships in early October. Good luck! Evonne Kuyper

There's a Difference....

The difference between high school and college:

In high school, you do homework. In college, you study.

No food is allowed in the hall in high school. In college, food must be provided at an event before students will come.

In high school, you wear your backpack on one shoulder, in college, on both.

In college, the professors can tell you the answer without looking at the teacher's guide.

In college, there are no tardy slips.

In high school, you have to live with your parents. In college, you get to live with your friends.

In college, you don't have to wait in a certain lunch line to be cool.

In high school, you're told what classes to take. In college, you get to choose; that is, as long as the classes don't conflict and you have the prerequisites and the classes aren't closed and you've paid your tuition.

In high school, if you screw up you can usually sweet-talk your way out of it. In college, you're lucky to even talk with the professor.

In high school, fire drills are planned by the administration; in college, by the drunk frat boys on their way home when the bars close.

In college, any test consists of a larger percentage of your grade than your high school final exams ever did.

In high school, when the teacher said, "Good morning," you mumbled back. In college, when the professor says, "Good Morning," you write it down. Taken from my hometown paper, Record-Review, Barnesville, Minnesota.

That's all folks

Have a safe and enjoyable weekend

Wear your
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for

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FRIDAYS

TWIG BENDER

Department of Horticultural Science
305 Alderman Hall
St. Paul, MN 55108
Volume 21, #21, 9/12/03
Evonne Kuyper, kuype001@umn.edu

Weekly Calendar

Tuesday, Sept 16

PBS Colloquium, Artocarpus evolution and the identification of breadfruit's wild ancestors,
Dr. George Weiblen, 3:30 pm, 335 BorH.

Wednesday, Sept 17

COAFES Curriculum Committee, 10-noon, 310 Alderman Hall - hosted by Horticulture.

People Soft training for Student Support Assistants, 12-2pm, 310 Alderman Hall - hosted by Horticulture.

Hort Dept Seminar, Annual Safety Training, 3:30 pm, 310 Alderman Hall.

DEAR FRIENDS AND COLLEAGUES: Thanks so much for your sympathy and kind thoughts following the death of my father. The flowers were beautiful and arrived during a family reception after the funeral. They truly brightened up the day. My mother and family join me in thanking you for the wonderful and thoughtful gift. Carl Rosen

CONGRATULATIONS to Ioana Dinu, who passed her oral prelim exam on Aug 28.

WELCOME NEW PEOPLE . . . still no word from new people - sorry folks.

TRANS-MISSISSIPPI GOLF

ASSOCIATION SCHOLARSHIP applications are available from Evonne in 305 Alderman Hall. Due back by September 22.

6TH DISTRICT HORTICULTURAL SOCIETY

SCHOLARSHIP applications available from Evonne in 305 Alderman Hall. Student or parent of student must live in the Sixth District which is comprised of 12 counties in Minnesota: Aitkin, Benton, Cass, Crow Wing, Kanabec, Mille Lacs, Morrison, Pine, Sherburne, Stearns, Todd and Wadena. Deadline to apply: December 1, 2003.

WANTED: Student Help for Horticulture

Greenhouse and Lab - Part time position to work in a Department of Horticulture Science greenhouse and lab, starting immediately. Hours are flexible and will increase during summer of 2004. This is an opportunity for a responsible student to help care for and collect data on plants and provide general support for lab experiments. Preference given to a student majoring in the plant sciences that has plant care, greenhouse, or lab work experience, working knowledge of Microsoft Excel, and desire to gain research experience. For more information, please contact Alan Smith, 356/335 Alderman Hall, 612-624-9290 or alan@biosci.cbs.umn.edu.

That's all folks

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Department of Horticultural Science
305 Alderman Hall
St. Paul, MN 55108
Volume 21, #22, 9/19/03
Evonne Kuyper, kuype001@umn.edu

Weekly Calendar

Monday, Sept 22

Trans-Mississippi Golf Scholarship application due to Evonne today.

APS Seminar, Developing Cold Tolerant *Gaura lindheimeri*, (thesis proposal), Grace Pietsch, 3:30 pm, 306 BorH.

Tuesday, Sept 23

USC, 1:30-3:00 pm, 398 AlderH.

PBS Colloquium, Finding Function: Analysis of the Major Facilitator Superfamily in *Arabidopsis*, Dr. Anke Reinders, 3:30 pm, 335 BorH.

Wednesday, Sept 24

Hort Dept Seminar, Connecting K-12 Educators to Horticultural Science, Susan Anderson, Ag & U Education Specialist, Southwest Research and Outreach Center, 3:30 pm, 310 Alderman Hall.

Thursday, Sept 25

Popcorn Day, 2:45 pm, 305 AlderH.

Friday, Sept 26

Dept FCC, 9-11am, 310 AlderH

LOOKING AHEAD

Sept 30 - APS Prelim Exam, 310 AlderH.

Oct 3-6 - 2003 Annual ASHS Conference, Providence, R.I.

WELCOME NEW PEOPLE . . .

Gus Tassara writes " I'm a Brazilian transplant with deep roots in Minnesota. I'm a graduate student enrolled in the Master's of Agriculture in Horticulture. In 1995, I first came to Minnesota from Brazil to participate as an international student in the Minnesota Agriculture Student Trainee Program (MAST). I learned a lot about farming and horticulture and got the chance to make friends and get to know American culture close up. I grew to love Minnesota, its unique climate, interesting people and bountiful resources. Throughout my life, I've always been involved in some form of agriculture, from farming to managing farm enterprises to working in a florist company, where I first met my wife. Although I've traveled the world and met many friends along the way, Minnesota is where my heart is. Today, my wife, son and I live in Plymouth and enjoy gardening. I also enjoy sports, music and the arts. Currently, I'm an employee at Len Busch Roses, a wholesale florist company in Plymouth, where my wife and I met. Surely, Minnesota is the perfect environment where I can pursue my passion for horticulture. It's a place where I can grow and flourish".
Welcome Gus!

More new people next week.....

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Department of Horticultural Science
305 Alderman Hall
St. Paul, MN 55108
Volume 21, #23, 9/26/03
Evonne Kuyper, kuype001@umn.edu

Weekly Calendar

Monday, Sept 29

APS (no seminar) Audio-visual equipment training of APS graduate students 3:30 pm, 306 BorH.

Tuesday, Sept 30

Prelim Exam Day, 9am-3pm, 310 AlderH.

USC, 2:30 pm, 398 AlderH.

PBS Colloquium, A virtual tour of library resources on the St. Paul Campus, Kathy Allen, Librarian, McGrath Library, 3:30 pm, 335 BorH.

Wednesday, Oct 1

Hort Dept Seminar, Flower Induction of Herbaceous Perennials - Applied Research with Basic Aspirations, Art Cameron, Michigan State, 3:30 pm, 310 Alderman Hall.

Thursday, Oct 2

Thesis Proposal Seminar, Analysis of the tryptophan-dependent indole-3-acetic acid biosynthesis pathway: identification, purification, and characterization of the intermediates and enzymes in maize endosperm, Angela Hendrickson, 11:00 am, 310 Alderman.

Popcorn Day, 2:45 pm, 305 AlderH.

LOOKING AHEAD

Oct 3-6 - 2003 Annual ASHS Conference, Providence, R.I.

WELCOME NEW PEOPLE . . .

Vance Whitaker, who is a graduate students, writes "I am a southern boy from North Carolina who thinks all folks north of Virginia are Yankees. I began growing pumpkins for sale and gardening with my dad at age five. As I grew older I began worm farming, landscaping, and wearing t-shirts that read, "I love to play in the dirt." I earned my Bachelor's degree from NC State University, where I had the opportunity to breed Lantana. There I also earned my favorite nickname, "the V-ster" and earned many stitches from playing sports overzealously. My desire to breed ornamental crops has brought me here to work with Dr. Stan Hokanson in an attempt to breed for resistance to black spot disease in roses. I like to run up and down basketball courts, walk up and down golf courses, and move my fingers up and down the neck of a guitar. I look forward to meeting everyone! Say hello to Vance in room 452 Alderman.

David Galitz writes "I am a Research Fellow in Dr. Smith's lab. I was raised in Fargo, ND, and went to college at Mankato State. I received my MS in Plant Physiology from Purdue. Most recently, I was in the Animal Science Department here at the U. In my free time during the summer, if I'm not bicycling (mountain and road), I'm usually at my family's lake cabin waterskiing, sailing, or just lounging on the dock watching the loons. This summer I completed my first century bicycle ride, and will be participating another this month." Welcome David - his office is room 320 Alderman.

More new people next week.....

over

KUDOS to **Stephanie Jutila**, who was awarded a scholarship from the National Gardens Club, Inc., Her picture will or did appear in The National Gardener.

SCHOLARSHIPS AVAILABLE from The Garden Club of America. Last year 48 students benefited from their programs. Check their website: www.gcamerica.org for an updated list of fellowships and scholarships or for their Scholarship Brochure. Information is also posted on bulletin board, 3rd floor lobby, Alderman Hall.

POSITION AVAILABLE. USDA-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 on this position, refer to our dept job opportunities book (located above grad mailboxes) or go to www.ars.usda.gov (Announcement #: ARS-D3W-3442).

That's all folks

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For

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TWIG BENDER

Department of Horticultural Science
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Volume 21, #24, 10/02/03
Evonne Kuyper, kuype001@umn.edu

Weekly Calendar

Oct 3-6 - 2003 Annual ASHS Conference, Providence, R.I.

Monday, Oct 6

Welcome aboard Tom Michaels!

APS Development and utilization of barley functional genomics resources, Dr. Gary Muehlbauer, 3:30 pm, 306 BorH.

Tuesday, October 7

USC, 1:30-3:00 pm, 398 AlderH.

PBS Colloquium, Phylogenetic overdispersion in the assembly of Floridian oak communities, Dr. Jeannine Cavender-Bares, Dept of EEB, U of M, 3:30 pm, 335 BorH.

Wednesday, Oct 8

Hort Faculty Meeting, 1-3 pm, 310 AlderH

Hort Dept Seminar, White Earth Reservation Science and Math Summer Program, Debra Zac, Northwest District Director, UMN Extension Service, 3:30 pm, 310 Alderman Hall.

Thursday, Oct 9

Popcorn Day, 2:45 pm, 305 AlderH.

SAFER ATHLETIC FIELD ENVIRONMENTS (SAFE) announces scholarship opportunities.

Last year they awarded 13 separate scholarships to students who are planning a career in the sports turf industry (excluding golf course management) If you meet this criteria, please see Evonne Kuyper, 305 Alderman Hall for an application.

LOOKING AHEAD -

Turf Candidate Seminars, Oct 14, Oct 19, and 30th.
Times are 10:30 - 11:30 am, 310 AlderH.

OCTOBER BIRTHDAYS - Troy Carson (14) and Jonathan Sass (26) - Happy Birthday!!!

WELCOME NEW PEOPLE . . .

Pam McMurry writes " I have arrived at the Hort Dept as part of a "mid-life" career change. I've been taking horticulture and related courses here for several years and finally decided to enter the Master of Ag program. My undergraduate degree was in chemistry at the U of Pennsylvania. Since the, I've taught in Africa with the Peace Corps, worked in air pollution research in California, and, most recently, worked as a freelance technical editor for about fifteen years. I live in Minneapolis with my husband and daughter, who is about to leave home and put us in the empty-nester category. We also have two sons; one is an undergrad at UW Madison, and one is in graduate school at UCSD. I've always been a gardener, and it's still my primary hobby. I've also been studying Spanish for the last few years and I enjoy reading and travel. I work part-time in retail sales at Bachman's."

Thanks for this nice write up and welcome!

The articles keep trickling in - hopefully more new people articles next week.....

That's all folks

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TWIG BENDER

Department of Horticultural Science
305 Alderman Hall
St. Paul, MN 55108
Volume 21, #25, 10/10/03
Evonne Kuyper, kuype001@umn.edu

Weekly Calendar

Monday, Oct 13

APS Thesis Proposal, Hybrid Hazelnuts for Minnesota: N Fertilization and Mycorrhizae,
Lois Braun, Graduate Student, 3:30 pm, 306
BorH.

Tuesday, October 14

Turf Candidate Seminar, 10:30 am, 310
Alderman Hall.

USC, 2:30 pm, 398 AlderH.

PBS Colloquium, Six months in Xinjiang, China,
Dr. Clifford Wetmore, Professor and Curator,
Dept of Plant Biology, U of M, 3:30 pm, 335
BorH.

Wednesday, Oct 15

Dept FCC, 9 am, 310 AlderH. (note room)

Hort Dept Seminar, Molecular and Genetic
Studies of Arabidopsis Light Signaling
Mutants, Dr. Min Ni, Dept of Plant Biology, U
of M, 3:30 pm, 310 Alderman Hall.

LOOKING AHEAD -

October 31 - Special Seminar, Exploring
Israeli flora for new floriculture crops, Dr. A.
Halevy, Institute of Plant Sciences, Hebrew
University of Jerusalem, Rehovot, Israel, 1:30
pm, 310 Alderman. Hosted by Drs. Neil
Anderson and John Erwin and Emeritus
Professor, Dr. Harold Wilkins.

KUDOS to Joe Sowokinos, who was elected
as a two-year Director of the Potato
Association of America at their 87th Annual
Meeting in Spokane, WA.

CONGRATULATIONS to **Lindsey Zuk**, who
attended the U of M Womens Club luncheon
where they awarded her a scholarship.
Lindsey is Hort Club President and the women
were very interested in knowing more about
horticulture. Great PR, Lindsey - Thanks

LOTSA DEADLINES COMING UP. . . .

TEXTBOOK DEADLINE - is Monday, October
13 - faculty should e-mail Evonne with their
selections.... Thanks

GRADED PRELIM EXAMS are due back to
Evonne on October 14 at noon. Thanks again.

GETTING EVEN the only folks you should
try to get even with are the ones who have
helped you.

That's all folks

Wear your

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CASUAL FRIDAYS

TWIG BENDER

Department of Horticultural Science
305 Alderman Hall
St. Paul, MN 55108
Volume 21, #26, 10/17/03
Evonne Kuyper, kuype001@umn.edu

Weekly Calendar

Monday, Oct 20

Turf Candidate Seminar, 10:30 am, 310 Alderman Hall.

APS gathering to discuss Sept 30 prelim exam, 3:30 pm, 306 BorH.

Tuesday, October 21

Glow in the dark bowling - come get acquainted with our first year Env Hort freshman and transfer students. SPSC Gopher Spot, 5-7 pm. RSVP to Karina at 4-3452.

PBS Colloquium, Mating system evolution and speciation in Mimulus, Dr. John Willis, Duke University, 3:30 pm, 335 BorH.

Wednesday, Oct 22

Hort Dept Seminar, Rub-Ub-DRub-Dub: Genetic Analysis of Auxin Action, Dr. William M. Gray, Dept. Plant Biology, 3:30 pm, 310 Alderman Hall.

Turf Club Meeting, 4 pm, 398 Alderman.

LOOKING AHEAD -

October 31 - Special Seminar, Exploring Israeli flora for new floriculture crops, Dr. A. Halevy, Institute of Plant Sciences, Hebrew University of Jerusalem, Rehovot, Israel, 1:30 pm, 310 Alderman. Hosted by Drs. Neil Anderson and John Erwin and Emeritus Professor, Dr. Harold Wilkins.

WELCOME to Tom Michaels, our new department head who writes "I am very excited about my move to Minnesota and taking on new responsibilities as Department Head. I came to the University of Minnesota from the University of Guelph in Ontario, Canada where I had been Professor of Plant

Agriculture and Associate Dean of the Ontario Agricultural College. The University of Guelph is on the one hand very different from Minnesota, and on the other, very similar. Guelph only has about 18,000 students on campus instead of the nearly 50,000 we have in the Twin Cities. Yet the Ontario Agricultural College and COAFES are very similar in size and mission...and both our football teams loose heartbreakers. When you tell people in Canada that you are moving to "the States", they often respond, "Oh, you're heading south of the border". But in fact, when I moved from Guelph to St. Paul I actually headed further north.

My research at Guelph focused on plant breeding and genetics. I did most of my work on navy beans, kidney beans and peanuts. Peanuts in Canada? You bet! And if we wanted, we could grow peanuts in Minnesota too! This beautiful October weather has me longing to be back out in the field in my research plots, and I hope to be doing a bit of that again once I get settled in to the administrative tasks. I also enjoyed teaching, and am looking for effective ways to contribute to the undergraduate and graduate programs here.

In my personal life, I am an active hockey, soccer and basketball recreational player and youth coach, and a lousy, but committed, gardener and carpenter.

This is a Department of great past accomplishment and enormous future potential. I know I'm going to like it here. Thanks to all for so warmly welcoming me into Horticultural Science." Tom's office phone is 612-624-7711 and his e-mail is michaels@umn.edu We are so glad to have you on board.

That's all folks

**MAROON & GOLD
CASUAL FRIDAYS**

TWIG BENDER

Department of Horticultural Science
305 Alderman Hall
St. Paul, MN 55108
Volume 21, #27, 10/24/03
Evonne Kuyper, kuype001@umn.edu

Weekly Calendar

Monday, Oct 27

Special Faculty Meeting, 2-3:30 pm, 310 Alderman.

APS, Bee Pollination in Commercial Cranberry Bogs, Marjorie Ross, APS Graduate Student, 3:30 pm, 306 BorH.

Tuesday, October 28

St. Paul Student Center, Health Fair, 10-3:00

PBS Colloquium, 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, U of MN, 3:30 pm, 335 BorH.

Wednesday, Oct 29

Dept FCC, 1-3 pm, 398 AlderH.

Hort Dept Seminar, Building a Better Potato: Molecular Resources for Improved Disease Resistance, Dr. James M. Bradeen, Dept. of Plant Pathology, U of MN, 3:30 pm, 310 Alderman Hall.

Hort Club Meeting, 5 pm, 310 Alderman. Guest speaker will be Jayne Roberts from Walters Gardens. She will be sharing her expertise with us on annuals and perennials. All are invited to come and listed.

Friday, October 31

Turf Candidate Seminar, (note time change) 9:30 am, 310 Alderman Hall.

Special Seminar, Exploring Israeli flora for new floriculture crops, Dr. A. Halevy, Institute of Plant Sciences, Hebrew University of Jerusalem, Rehovot, Israel, 1:30 pm, 310 Alderman. Hosted by Drs. Neil Anderson and John Erwin and Emeritus Professor, Dr. Harold Wilkins.

GLOW IN THE DARK BOWLING - it was a small group but fun was had by all. Wish more freshmen and new transfers could have made it. Karina did a great job of organizing it and we got to visit and get to know each other better. There was lots of pizza, pop and game tokens. Hope we can do this again and more will be able to attend.

FRIENDS & COLLEAGUES...."many thanks for the lovely orchid plants and your support during the loss of my Mother. The plants will be a wonderful reminder of her and your appreciation/cultivation of horticultural beauty. I treasure knowing each of you" ...
Neil Anderson

That's all folks

MAROON & GOLD

CASUAL FRIDAYS

Daylight Saving Time ends
turn your clocks back

TWIG BENDER

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Weekly Calendar

Monday, November 3

No APS Semir - 2003 ASA-CSSA-SSSA
Annual Meetings, Denver, Nov 2-6.

Tuesday, November 4

USC, 1:30-3:00 pm, 398 AlderH.

PBS Colloquium, Membrane trafficking during
plant cytokinesis and cell expansion, Dr.
Sebastian Bednarek, Dept Biochemistry,
UW/Madison, 3:30 pm, 335 BorH.

Wednesday, November 5

Prelim papers available at Evonne's desk

Hort Dept Seminar, Biological control of
soybean aphid, Dr. George Heimpel, Dept
Entomology, UM, 3:30 pm, 310 Alderman Hall.

HEADS UP - department committees such as
the Scholarship and Civil Service Awards will
need to prepare for a March Kermit Olson
Lecture and Awards Ceremony. From Alan
Smith.

KUDOS to Alexander Walz, who was picked as
the top PhD thesis for the entire TU-Dresden
University for 2003. This is a very high honor!
From Jerry Cohen.

NOVEMBER BIRTHDAYS - Mike Emerick (2),
Zoe Kjernes (10), Cindy Tong (11), Carl Rosen
(12) *The big 50*, Bud Markhart (15), David
Esplin (17), Jerry Cohen (19), Bill Peters (21).
Congratulations !!!

That's all folks

MAROON & GOLD

CASUAL FRIDAYS

TWIG BENDER

Department of Horticultural Science
305 Alderman Hall
St. Paul, MN 55108
Volume #, 11/10/03

Weekly Calendar

Monday November 10,

APS Seminar, "Selection for cold chipping potato genotypes in populations derived by sexual polyploidization" (thesis proposal)?
Irina Makarevitch, 3:30 pm, 306 Borlaug.

Tuesday, November 11

FCC 9:00-11:00 in room 398 Alderman

Wednesday, November 12

Paul Overvoode, Assistant Professor,
MacIester College, St Paul, Minnesota. The
Arabidopsis Auxin/IAA and ARF Gene
Families: Redundant Functions or Distinct
Roles During Auxion-mediated Gene
Expression:

Wednesday, November 12

Faculty Meeting 1:00-3:00 310 Alderman
Dept Seminar 3:30 to 5:00 310 Alderman

Thursday, November 13

IBRC Meeting in 310 Alderman at 8:00-9:40.

Friday, November 14

P & T Meeting, 310 Alderman 9:00-12:00
CPHH Meeting, 398 Alderman.

Total Steam Outage

11/10 and 11/13 which means that there will be
no heat. It will affect all domestic hot water,
autoclaves & sterilizers, experiments/research
needing steam. 7:00 a.m.-3:30 p.m.

MAROON & GOLD CASUAL FRIDAYS

HAVE A GREAT WEEKEND

GO GOPHERS

TWIG BENDER

Department of Horticultural Science
305 Alderman Hall
St. Paul, MN 55108
Volume 21, #29, 11/14/03
Evonne Kuyper, kuype001@umn.edu

Weekly Calendar

Monday, November 17

APS Seminar, Development of transgenic fruit cultivars: some examples and implications, Adriana, Telias, 3:30 pm, 306 BorH.

Tuesday, November 18

USC, 1:30-3:00 pm, 398 AlderH.

PBS Colloquium, Diversity and evolutionary history of plant defense genes, Dr. Peter Tiffin, Plant Biology, UMN, 3:30 pm, 335 BorH.

Wednesday, November 19

Prelim Exam, 408 Hayes Hall.

Hort Dept Seminar, Spring Peeper Meadow: Lessons Learned from the Arboretum's Demonstration Wetland Restoration, Dr. Susan Galatowitsch, 3:30 pm, 310 Alderman Hall.

Friday, November 21

Sloppy Joe Lunch, 11:30 am, 306 Borlaug. See article below.

LOOKING AHEAD

Dec 16 - COAFES Assembly Mtg, 10-12noon, 105 Cargill Bldg.

DONATIONS WANTED - The APS students do a sloppy joe lunch each year and are requesting donated gifts for the raffle - contact Alex Kahler at kahl0041 to make that donation. Also remember to buy your raffle ticket from graduate students. Raffle tickets are \$1 each or 6/\$5. Sloppy Joe lunch is Friday, November 21, 11:30 am, 306 Borlaug Hall. Price is \$3.

A THANK YOU Dear Friends and Colleagues: Thanks so much for the gift certificates and party celebrating the end of my term as Interim Head. I especially want to thank the graduate student conspirators for a most entertaining and humorous skit (check out the video if you were not able to be there). The support and understanding from all the faculty, staff, and students during this period of change was greatly appreciated. I certainly look forward to getting back to my previous life, but I also cherish the time as Interim Head. Thanks again. Carl

WELCOME NEW PEOPLE Joe Baltrukonis writes "I'm a young 57, someday I will decide what to do when I grow up. I was born in Connecticut (a balmy Zone 6), whose motto is "Qui Transtulit Sustinet" (He Who Transplanted Still Sustains). I have put down roots in many places. I did my undergraduate work (Biology) at Villanova University in Pennsylvania, and avoided the Viet Nam era draft by joining the Navy. After a year of study, I became a Medical Laboratory Technologist, and after another year of training, a Blood Bank Specialist. After 20 years of touring the world, I retired from the Navy as a Lt. Commander. I moved to Stevens Point, Wisconsin with my wife, raised twin daughters and a son. I became a Master Gardener and loved the experience. My first wife passed away and I remarried. After 32 years in the medical laboratory, I made a major career change. I moved to Saint Paul (a cold Zone 4), bought $\frac{3}{4}$ acre to fill with vegetation, and went to work with Bailey Nurseries at their Cottage Grove greenhouse facilities. I work with plants, then for relaxation I garden, make home-made bread (*Saccharomyces cerevisiae*) by hand, and surf the Internet. I enjoy wildflowers, edible

ornamentals, and roses. I have never met a vegetable that I dislike. My wife and I are very active Master Gardeners. I am also a Tree Care Advisor and belong to the Minnesota Nursery and Landscape Association. I am still learning to garden in a spot where the temperature sometimes falls to minus 50 in the winter with a wind chill of minus 150. I am grandfather to 2 above-average boys (genetics). Now my spare time includes studying in the Master's Program, Horticulture." Thank you, Joe.

WANTED - Do you have a laptop or desktop MAC G3 or G4 that's gathering dust? If you are interested in selling it, please contact Julie Weisenhorn at weise019@umn.edu or tel: 624-7407. Thanks

FRENATAE'S ANNUAL HONEY AND CANDLE SALE Just a friendly reminder that there are only a few remaining days to get your pre-order in for Frenatae's **Honey and Candle Sale**. **Advance orders must be received on or before Monday, Nov. 17.** Advance orders can be picked up and paid for outside the Entomology, Fisheries and Wildlife library (in Hodson Hall on the Saint Paul campus) during the sale dates. Times and locations of the sale are:

Nov. 19-20 (Wednesday and Thursday): Hodson Hall, outside the Entomology, Fisheries and Wildlife Library and in the Saint Paul Student Center from 9-3 pm.

Nov. 21 (Friday): Entomology, Fisheries and Wildlife Library from 10-2 pm.

To download the pre-order form and view this year's selection, please visit our website at: <http://www.tc.umn.edu/~frenatae/Products/products.htm> Sincerely, Desi Robertson, frenatae@tc.umn.edu

LIBRARY NEWS - RefWorks - RefWorks is a Web-based citation management program that is now available to all UM-TC students, staff and faculty through a University Libraries pilot project. For more information, see <http://www.lib.umn.edu/refworks/> Hands-on RefWorks classes are also scheduled for November and December. Check times

and register at [http://www.lib.umn.edu/registration/Grad Student Orientation](http://www.lib.umn.edu/registration/Grad%20Student%20Orientation) - A hands-on library orientation for grad students will be held in Magrath Library on Tuesday, 11/25 from 2:30-4:00pm. Topics will include advanced searching techniques, use of the citation indexes, and effective use of e-journals. Register at [http://www.lib.umn.edu/registration/Longer Hours at Magrath Library](http://www.lib.umn.edu/registration/Longer%20Hours%20at%20Magrath%20Library) - it is now open until 10:00 pm on Sunday-Thursday evenings. Due to budget cuts, it was only open until 8:00 in September and October. New "Find It" Service - As you search your favorite index, you may begin to see the new "Find It" buttons, which will save you steps in locating electronic and print versions of the journals that you want. More info about Find It may be found at <http://www.lib.umn.edu/articles/findit.phtml> Thanks. Julie Kelly, Magrath Library

That's all folks

MAROON & GOLD

CASUAL FRIDAYS

TWIG BENDER

Department of Horticultural Science
305 Alderman Hall
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Volume 21, #30, 11/21/03
Evonne Kuyper, kuype001@umn.edu

Weekly Calendar

Monday, November 24

APS Seminar, Agricultural Biotechnology: Opportunities and Challenges in Sub-Saharan Africa, Jenipher Bisikwa, APS grad student, 3:30 pm, 306 BorH.

Tuesday, November 25

PBS Colloquium, , 3:30 pm, 335 BorH.

McGrath Library - Grad Student Orientation - A hands-on library orientation will be held from 2:30-4:00pm. Topics will include advanced searching techniques, use of the citation indexes, and effective use of e-journals. Register at <http://www.lib.umn.edu/registration/>

Wednesday, November 26

Dept FCC, 9-11am, 398 AlderH.

No Hort Dept Seminar today.

Thursday, November 27

Thanksgiving Day - University Holiday

Friday, November 28

University Holiday

LOOKING AHEAD

December 1-5, Crafters table with handknit scarves by Evonne, earrings by Claire Luby and more. Come shop at noon and after 4:30 pm. Thank you!

Dec 12 - Dept Holiday Potluck Party with white elephant gift exchange, 11:30-3:00 pm, 310 AlderH.

Dec 16 - Dept Holiday Cookie Exchange, sign up with Kath Lloyd

December 11-12, The Hort Club Holiday Sale, the St. Paul Student Center

DEADLINE DATE EXTENDED - Martin McLaren Scholarship application has been extended to December 1. Posted on Alderman lobby bulletin board. You can find more information at www.gcamerica.org

WANTED - Do you have wool sweaters that you are thinking of giving to Good Will. Bring them in - Evonne can use them. Thanks

For Immediate Release

Deb Brown, U of M professor and author of the *2004 Minnesota Gardening Calendar* will sign copies of the calendar at the U of M Bookstore at Coffman Union located at 300 Washington Ave. S.E. Minneapolis on Saturday, December 6 from 10:00 a.m. until noon. Brown, a noted gardening expert and frequent Minnesota Public Radio guest, will talk about the gardening advice and tips presented in the calendar. The calendar, which regularly retails for \$12.99 is available at the U of M Bookstore for only \$7.00. The event is free and open to the public. To order the 2004 Minnesota Gardening Calendar visit <http://www.bookstore.umn.edu/viewProduct.cgi?from=&productID=665> or call (612) 625-6000.

HOLIDAY SHOPPING - avoid all those crowds and traffic, give an Arboretum Membership for the Holidays - and SAVE! Students, staff or faculty of the Hort. Dept. may receive a \$5 or \$10 discount on purchase of a Gift of Membership now thru December 31, 2003. Buy a Single or Single+1 membership for \$30 or \$40 (you save \$5 off each); buy a Dual or Dual Plus membership for \$45 or \$60 (you save \$10 off each). Annual memberships include free Arboretum admission, bi-monthly

newsletter, discounts on class fees, gift shop and Applehouse discounts, travel tour discounts, free admission to 150+ participating gardens and arboreta around the US, and direct access to Yard & Garden Line experts. Each Gift Membership includes a new-member information packet, current newsletter, and complimentary gift card. The gift can be sent to you to present in person, or directly to the recipient with your personalized message enclosed. Order forms are on-line at www.arboretum.umn.edu, e-mail Lcooney@arboretum.umn.edu, or call Member Services at 952-443-1440 to place your order. Please allow two weeks for processing and delivery.

HERE'S ANOTHER HOLIDAY IDEA

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. For more information about the Dairy Food Products Salesroom, please see: <http://fscn.che.umn.edu/pilotplant/salesroom.html>

That's all folks

MAROON & GOLD

CASUAL FRIDAYS

TWIG BENDER

Department of Horticultural Science
305 Alderman Hall
St. Paul, MN 55108
Volume 21, #31, 11/26/03
Evonne Kuyper, kuype001@umn.edu

Weekly Calendar

Monday, December 1

APS Thesis Proposal, The Role of Plant Topoisomerase II in Genomic Integration of DNA, Irina Makarevitch, APS grad student, 3:30 pm, 306 BorH.

Tuesday, December 2

USC Meeting, 1:30-3:00 pm, 398 AlderH.

PBS Colloquium, Sequencing the maize genome, Dr. Joachim Messing, Director, Institute of Microbiology, Rutgers University, 3:30 pm, 335 BorH.

Wednesday, December 3

Have your graded prelim exam back to Evonne today. Thanks

Sustainable Ag Seminar, Pride of the Prairie & Farm Beginnings, Cathy Twohig, Office Director at Land Stewardship Project's Western Minnesota Office, 12 noon, 306 Borlaug Hall, sponsored by Minnesota Institute for Sustainable Agriculture.

Dept Seminar, Cell Biological and Genetic Analysis of Vesicle Trafficking in Arabidopsis, Anton Sanderfoot, Dept. Plant Biology, 3:30 pm, 310 AlderH.

LOOKING AHEAD

Dec. 1-5, Crafters table with handknit scarves by Evonne, earrings by Claire Luby and more. Come shop at noon and after 4:30 pm. Thank you!

Dec 10 - Hort Club Meeting, 5 pm, 423 AlderH.

Dec 12 - Dept Holiday Potluck Party with white elephant gift exchange, 11:30-3:00 pm, 310 AlderH.

Dec 16 - Dept Holiday Cookie Exchange, sign up with Kath Lloyd

Dec 11 (9am-5pm) & 12 (9am-1pm), The Hort Club Holiday Sale, at the St. Paul Student Center. They will be selling various sizes and colors of poinsettias, wreaths, mini-decorated boxwood trees, and Norfolk Island Pines.

DECEMBER BIRTHDAYS - Tom Michaels (20), Julie Borris (22), Jeff Gillman (26), Neil Anderson (30).

CONGRATULATIONS to Karin Kettenring who was successful in her oral prelims on November 21.

That's all folks

Be Thankful

MAROON & GOLD

CASUAL FRIDAYS

TWIG BENDER

Department of Horticultural Science
305 Alderman Hall
St. Paul, MN 55108
Volume 21, #32, 12/05/03
Evonne Kuyper, kuype001@umn.edu

Weekly Calendar - last week of classes

Monday, December 8

MAg Final Oral Presentation, To Ban or Not to Ban: A Decision Case in Turfgrass Management, Loren Walsh, 9:30 am, 310 AlderH.

MAg Final Oral Presentation, Maplewood Park to Maplewood Nature Center: The Beginning of a Park's Transformation, Lynn McNaughton, 3:00 pm, 310 AlderH.

APS Prelim Discussion, 3:30 pm, 306 BorH.

Tuesday, December 9

PBS Colloquium, Testing the predictive claim of taxonomy: A proposal in potato, Dr. David Spppner, USDA-ARS, UW/Madison, 3:30 pm, 335 BorH.

Wednesday, December 10

Dept FCC, 9-11 am, Tom's office.
Hort Faculty Meeting, 1 pm, 310 AlderH.
No Dept Seminar
Hort Club Meeting, 5 pm, 423 AlderH.

Thursday, December 11

Hort Club Holiday Sale, 9am-5pm, at the St. Paul Student Center. They will be selling various sizes and colors of poinsettias, wreaths, mini-decorated boxwood trees, and Norfolk Island Pines.

Friday, December 12

Dept Holiday Potluck Party with white elephant gift exchange, 11:30-3:00 pm, 310 AlderH.

The Hort Club Holiday Sale, 9am-1pm, at the St. Paul Student Center. They will be selling various sizes and colors of poinsettias, wreaths, mini-decorated boxwood trees, and Norfolk Island Pines.

LOOKING AHEAD

Dec 16 - Dept Holiday Cookie Exchange, sign up with Kath Lloyd

Dec 16 - COAFES Faculty Assembly, 10- nonn, 105 Cargill Bldg.

And here we stay...

IF you consider it a sport to gather your food by drilling through 18 inches of ice and sitting there all day hoping that the food will swim by, you might live in Minnesota.

IF you're proud that your state makes the national news 96 nights each year because International Falls is the coldest spot in the nation, you might live in Minnesota.

IF you have ever refused to buy something because it's "too spendy", you might live in Minnesota.

IF your local Dairy Queen is closed from November through March, you might live in Minnesota.

IF you instinctively walk like a penguin for five months out of the year, you might live in Minnesota.

IF someone in a store offers you assistance, and they don't work there, you might live in Minnesota.

IF your dad's suntan stops at a line curving around the middle of his forehead, you might live in Minnesota.

IF you have apologized to a telemarketer, you might live in Minnesota.

IF you may not have actually eaten it, but you have heard of Lutefisk, you might live in Minnesota.

YOU have worn shorts and a parka at the same time, you might live in Minnesota.

IF you have either a pet or a child named "Kirby", you might live in Minnesota.

IF your town has an equal number of bars and churches, you might live in Minnesota.

IF you have had a lengthy telephone conversation with someone who dialed a wrong number, you might live in Minnesota.

IF you know how to say Wayzata, Mahtomedi, Edina and Shakopee, you might live in Minnesota.

IF you grew up thinking rice was only for dessert, you might live in Minnesota.

IF you think that ketchup is a little too spicy, you might live in Minnesota.

If every time you see moonlight on a lake, you think of a dancing bear, and you sing gently, "From the land of sky-blue waters,"Hamm's the beer refreshing", you might live in Minnesota.....

That's all folks

MAROON & GOLD

CASUAL FRIDAYS