

# Horticulture Newsletter

June 18, 2009

*... Arlen Patrick honored for 33 years of service to the Department of Horticulture*

*The Department of Horticulture held a surprise retirement dinner for Arlen Patrick and his family in honor of 33 years of service to the Department of Horticulture. Arlen is manager of the greenhouse and will retire on June 30, 2009.*



We'll miss you, Arlen



... Have a GREAT Retirement!

*August 6, 2009 - First Annual All-Horticulture Field Day at the Iowa State University Horticulture Research Station.*

You are invited to the first annual All-Horticulture field day to be held at the Horticulture Research Station on August 6, 2009. This opportunity will showcase research projects being conducted at the station in all areas of horticulture. Concurrent sessions will allow you to learn more about specific areas of horticulture and to network with others in the "growing" horticulture industry.

Special areas of interest will highlight vegetable production, apple, grape, and small fruit production and wine tasting, lawn and turf management, urban tree development, landscape design and installation, organic horticulture, and farm pond and surface water management.

For more information regarding this field day and Information on Registration, go to our Department of Horticulture website <http://www.hort.iastate.edu/> and click on *News*.



*The GSHS (graduate student horticulture society) hosted a department lunch on Wednesday, May 27 in our Conference Room. All faculty, staff, and grad students were welcome to attend and help themselves to a FREE LUNCH. Graduate students in GSHS brought a variety of foods, both vegetarian and non-vegetarian options. What a nice idea – might this become an annual tradition??*



*Congratulations are in order . . .*

*We have recently received word that Nick Dunlap took second place in the Golf Course Superintendents Association of America (GCSAA) essay contest this year. He will receive a cash prize along with the recognition. Congratulations, Nick!*



**HORT  
CLUB**



**TURF  
CLUB**

**New Hort Club OFFICERS & EMAILS 2009**

**New Turf Club OFFICERS & EMAILS 2009**

PRESIDENT: Amanda Snodgrass [asnodgra@iastate.edu](mailto:asnodgra@iastate.edu)  
VICE PRESIDENT: Emma Cavan [emcrens@iastate.edu](mailto:emcrens@iastate.edu)  
SECRETARY: Maria Olson [meolson@iastate.edu](mailto:meolson@iastate.edu)  
TREASURER: Ben Matthews [bmatt@iastate.edu](mailto:bmatt@iastate.edu)  
AG COUNCIL: Ben Hershey [bhershey@iastate.edu](mailto:bhershey@iastate.edu)  
Josh Kern [isuhoops@iastate.edu](mailto:isuhoops@iastate.edu)  
PROMOTIONS: Kourtney Determan [kjdeter@iastate.edu](mailto:kjdeter@iastate.edu)  
Rachel Kreis [rakreis@iastate.edu](mailto:rakreis@iastate.edu)  
PROJECT COORDINATORS:  
Winston Beck [wtbeck@iastate.edu](mailto:wtbeck@iastate.edu)  
Tyler Johnson [tylerj@iastate.edu](mailto:tylerj@iastate.edu)

**HORT CLUB ADVISORS:**

Barb Osborn - [baosborn@iastate.edu](mailto:baosborn@iastate.edu)  
Ann Marie VanDerZanden - [vanderza@iastate.edu](mailto:vanderza@iastate.edu)  
Richard Gladon - [gladon@iastate.edu](mailto:gladon@iastate.edu)

*If you would like more information about Hort Club activities, please contact any of the officers listed above.*

PRESIDENT: Bill Meyer [wdmeyer@iastate.edu](mailto:wdmeyer@iastate.edu)  
VICE PRESIDENT: Jon Hungerford [jhunger@iastate.edu](mailto:jhunger@iastate.edu)  
SECRETARY: Nate Bolhous [taterman@iastate.edu](mailto:taterman@iastate.edu)  
TREASURER: Ethan Morford [emorford@iastate.edu](mailto:emorford@iastate.edu)  
AG COUNCIL: Derrick Peterson [derrickp@iastate.edu](mailto:derrickp@iastate.edu)  
FUNDRAISING: Taylor Rigger, Chair [taylor11@iastate.edu](mailto:taylor11@iastate.edu)  
John Lamb [jllamb@iastate.edu](mailto:jllamb@iastate.edu)  
Ryan Galles [sellag3@iastate.edu](mailto:sellag3@iastate.edu)  
Jacob Button [jbutton@iastate.edu](mailto:jbutton@iastate.edu)  
Nick Meyer [meyern@iastate.edu](mailto:meyern@iastate.edu)  
Iowa GCSA REP: Caleb Swanson [swanscal@iastate.edu](mailto:swanscal@iastate.edu)  
WEBMASTER: Jared Olsen [jolsen@iastate.edu](mailto:jolsen@iastate.edu)  
TURF ADVISOR: Nick Christians - [nchris@iastate.edu](mailto:nchris@iastate.edu)

*If you would like more information about the Turf Club meetings and/or activities, feel free to contact any of the officers listed above.*

**Summer Hours** . . . Office hours for the Department of Horticulture are 7:30 AM thru 4:00 PM. We will resume our regular hours of 8:00 AM to 5:00 PM again in August.

Information from the College of Liberal Arts & Sciences . . .

An online version of the English Placement Test (EPT) is now available for off-campus (distance education) students. The EPT is generally required of all non-native English speaking ISU students prior to their first semester at ISU. More information on the English Placement Test and exemption categories is available at [www.public.iastate.edu/~apling/eptfaq.html](http://www.public.iastate.edu/~apling/eptfaq.html) To arrange to take the EPT, please email [ept@iastate.edu](mailto:ept@iastate.edu) -OR- contact Yoo Ree Chung at [yrchung@iastate.edu](mailto:yrchung@iastate.edu) or 294-6398.

An online section of English 101D is being offered this summer 2009 for those non-native English speaking ISU students who need to improve their English language skills. The course was just added and is open for registration via AccessPlus.

\*\*\*\*\*HORTICULTURE TRAVEL\*\*\*\*\*



**Travels (then, now, and upcoming) . . .**

**Christopher Blume** – (07/25/09 to 08/01/09) to Santiago, Chile – to present research at International Turfgrass Research Conference at Santiago, Chile

**Nick Christians** – (05/20/09 to 05/23/09) to Southern WI and Chicago, IL – to visit current interns and former students at several locations at Southern Wisconsin and Chicago Vicinity

(06/15/09 to 06/17/09) to Lansing, MI – Official ISU rep. to NCERA-192 meeting

(07/25/09 to 08/01/09) to Santiago, CHILI – to present research results at International Turfgrass Research Conference

**Kathleen Delate** – (08/11/09 to 08/22/09) to Entebbe, UGANDA – Conduct organic research survey and visit organic amaranth project at Makerere University in Kampala, Uganda.

**Jiangli Dong** – 06/15/09 to 06/17/09) to East Lansing, MI –to attend the 2009 North Central Extension & Research Association meeting (NCERA 192)

**Shui-zhang Fei** – 06/15/09 to 06/17/09) to East Lansing, MI – to attend the NCERA-192 Turgrass Regional meeting at Michigan State University.

**Michael Graham** – (05/13/09 to 08/07/09) to Entebbe, UGANDA – Makerere University researchers on Master of Science research project as well as other researchers on Organic agriculture in Africa.

**William Graves** – 05/23/09 to 05/26/09) to Northern, ND – to collect data for research.

(05/30/09 to 06/02/09) to Stanford, CA – to collect plant tissue for research at Stanford University

06/06/09 to 06/08/09) to Northern, ND – to collect data for research.

(08/02/09 to 08/06/09) to Albuquerque, NM – Attend Ecological Society of America conference at Albuquerque, NM.

(12/25/09 to 01/05/10) to Stanford, CA – to collect research data at Stanford, CA

**David Hannapel** – 06/18/09 to 06/30/09) to Chongqing, CHINA – to attend the Plant Vascular Biology meeting and present an invited talk at Chongqing, China.

**Cynthia Haynes** – 06/16/09 to 06/20/09) to Stillwater, OK – to present @ NACTA (North America College Teachers in Agriculture) conference.

**Andrew Hoiberg** – (07/25/09 to 08/01/09) to Santiago, CHILE – to present research at the International Turfgrass Research Society meetings.

**Victoria LeBeaux** – (07/03/09 to 07/13/09) to San Jose, COSTA RICA – to set up PhD Research at San Jose, Costa Rica.

**Olivia Lenahan** – (08/02/09 to 08/06/09) to Albuquerque, NM – Present data at meeting of Ecological Society of America Conference.

**Gail Nonnecke** – (06/16/09 to 06/19/09) to Stillwater, OK – To give presentation at NACTA (North American Colleges and Teachers of Agriculture) at Stillwater

(06/20/09 to 07/17/09) to Entebbe, UGANDA – Co-lead student travel course.

**Bryan Peterson** – (05/09/09 to 05/12/09) to Northern ND – to Collect research data

(05/16/09 to 05/19/09) to Southern IL – to collect data for M.S. project.

(06/11/09 to 06/13/09) to Southwestern Wisconsin – to collect data at research site for M.S. project.

(08/02/09 to 08/06/09) to Albuquerque, NM – Present data at mtg. of Ecological Society of America Conference.

**Michael Reinert** – (06/16/09 to 06/20/09) to Stillwater, OK – to attend and give presentation at the North American College and Teachers of Agriculture Conference.

**Loren Stephens** – (07/25/09 to 07/28/09) to St. Louis, MO – Travel to present research results at annual meeting of American Society of Horticulture Science.

**Henry Taber** – (07/13/09 to 07/16/09) to State College, PA – to attend and present research paper at the American Society for Plasticulture National Conference.

**Ann Marie VanDerZanden** – (06/16/09 to 06/20/09) to Stillwater, OK – to participate in the North American Colleges and Teachers of Agriculture (NACTA) conference at Oklahoma State University.

(06/21/09 to 06/26/09) to Minneapolis, MN – to participate in The Collaboration for the Advancement of College Teaching & Learning Conference

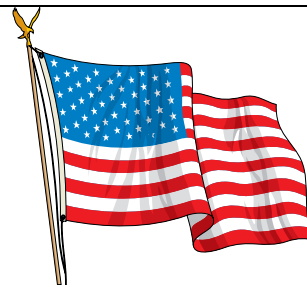
(07/09/09 to 07/10/09) to Omaha, NE – to attend the regional Garden Writers of America Conference.

(07/24/09 to 07/28/09) to St. Louis, MO – to participate in the American Society Horticulture Science annual meeting.

## INFORMATION ON JOBS

There is a variety of job possibilities listed here --  
Permanent, temporary, part-time, full-time,  
student jobs, local, non-local, etc. . . . Check it out!

Job announcements are posted in the student reading room and in the  
Horticulture Office if you are interested in checking in more detail.  
Some jobs that are listed this week are:



**Dow Agro Sciences LLC, based in Indianapolis, IN, USA**, is a top-tier agricultural company that combines the power of science and technology with the Human Element to constantly improve what is essential to human progress. Dow AgroSciences provides innovative technologies for crop protection, pest and vegetation management, seeds, traits, and agricultural biotechnology to serve the world's growing population.

- **Molecular Biologists – Trait Product Development – 0802639 and 0802692/Indianapolis or 900285/Saskatoon . . .**  
Responsibilities include design and construction of DNA vectors for plant transformation, and analysis of transgenic plants by Southern blots, PCR, Northern blots, quantitative PCR, and/or reverse transcriptase PCR. Strong data and material management skills are critical. *Qualifications include:* Bachelors, Masters, or PhD degree in Molecular Biology, Microbiology, Plant Biology or a related discipline.
- **Plant Transformation Biologists – Trait Product Development – 0803160, 0802691, 0900197/Indianapolis or 900286/Saskatoon . . .** Successful candidates will design and execute innovative tissue culture and transformation experiments to support aggressive product development timelines for transgenic corn, canola and soybean. *Qualifications include:* Bachelors, Masters or PhD degree in Molecular Biology, Microbiology, Plant or Cell Biology or a related discipline; experience in hands-on design and implementation of high throughput transformation protocols for gene/construct evaluation.
- **Biologists – Trait Characterization and Introgression Managers – Trait Product Development – 0803141, 0802652 or 0802654 . . .** Biologists are needed to lead field train introgression and transgenic trait development and coordinate research between lab, greenhouse, and field locations for corn, canola, soybean and/or cotton. *Qualifications:* Bachelors, Masters, or PhD degree in Plant Breeding, Agronomy or Horticulture with Molecular Biology expertise or a related discipline; agronomic trial and field nursery set-up and management; experience in transgenic event characterization data analysis (PCR, Elisa, zygosity)

If interested in any of the jobs listed above, please send resumes/C.V.s to [karmstrong@dow.com](mailto:karmstrong@dow.com) and apply online at [www.dowagro.com/careers](http://www.dowagro.com/careers) (for US jobs) or [www.dowagro.com/ca](http://www.dowagro.com/ca) (for Canadian jobs).

**Native Plant Nursery Internship / Sanibel-Captiva Conservation Foundation / Sanibel, FL . . .** A temporary, full-time position. Applicants should have a strong interest in plants and conservation, preferably possessing or pursuing an Associate's or Bachelor's degree in horticulture, biology, environmental science, ecology, or a related field. The intern should also be prepared to work in subtropical conditions, including hot temperatures, humidity, and insects. *Duties:* The Sanibel-Captiva Conservation Foundation Native Plant Nursery seeks an energetic and hardworking intern to assist in day-to-day nursery operations as well as work with our landscape design and installation services. The Native Plant Nursery offers a unique working environment, as it is a non-profit retail nursery dedicated to landscaping for the improvement of native habitat and wildlife on Sanibel and Captiva Islands. Internship responsibilities will include all aspects of retain nursery operation and plant care, including watering, potting, pruning, weeding, plant propagation, landscape installation, and customer service. Contact: Jenny Evans, SCCF / PO Box 839 / Sanibel, FL 33957 / Fax: 239-472-6421

**Buildings and Grounds Manager / Massachusetts Audubon's Boston Nature Center / Mattapan, MA . . .** A permanent, full-time position. *Duties:* The Boston Nature Center seeks a motivated and organized person to coordinate and conduct property, grounds, and building related activities along with budget management. Ensure the maintenance, security, and ecological management of a 67-acre wildlife sanctuary, as well as the maintenance (including custodial) and security of our visitor center (environmentally friendly bldg.) several other buildings and community gardens. Contact: Boston Nature Center, Attn: Property Mgr. Search / 500 Walk Hill Street Mattapan, MA 02126. E-mail: [BNC@massaudubon.org](mailto:BNC@massaudubon.org)

**Botanist / Dept. of Agriculture, Forest Service, Nationwide / Announcement #)CR-0430-911-ARRA-D . . .** (16) temporary, full-time positions. *Qualifications:* Successful completion of a full 4-year course of study in an accredited college or university leading to a bachelor's or higher degree in botany, or basic plant science that included at least 24 semester/36 quarter hours in botany. Duties include surveying for threatened, endangered, sensitive, and rare plants, recommending mitigation measures, monitoring selected populations, or developing conservation plans. Contact: ASC-HCM Staffing / Phone: 877-372-7248 / Fax: 253-573-9869 / E-mail: [fsjobs@fs.fed.us](mailto:fsjobs@fs.fed.us)

**Soil Conservationist / Dept. of Agriculture, Natural Resources Conservation Service, nationwide / Announcement #UK535257 ...**

A permanent, full-time position. *Duties:* Although the duties vary by location, Soil Conservationists generally advise on, administer, coordinate, perform and/or supervise scientific work in a coordinated program of soil, water and resource conservation which requires the application of a combination of agricultural sciences in order to bring about the proper land use and to improve the quality of the environment. Must apply on website: [www.usajobs.gov](http://www.usajobs.gov). Search on Announcement Number. Phone: 816-926-6781

**Application Developer Intern / Pioneer / Johnston, IA . . . (Requisition #9355BR)** Pioneer is the world's leading developer and supplier of advanced plant genetics to farmers worldwide. We are implementing leading-edge scientific research into applications being used to analyze and visualize data and drive research decisions. We are looking for creative individuals with critical thinking skills to develop robust and innovative solutions to complex problems. The Application Developer Intern will work with technical lead and other team members to develop software applications and processes that meet the designated needs. The position is available for application at <http://www.pioneer.com/employment/openings/search.asp>

**Campus Sustainability Coordinator / Granville, OH . . .** Denison University, located in Granville, OH is currently accepting applications for the position of Campus Sustainability Coordinator. [http://environmentaljobs.com/jobs\\_details.php?sec=3&aid=23234](http://environmentaljobs.com/jobs_details.php?sec=3&aid=23234)

**Natural Resource Biologist – Row Vegetation / Cerro Gordo County / Lime Creek Nature Center / Mason City, IA . . .** A permanent, full-time position. Must have graduated from an accredited college or university with a Bachelor's Degree in biological sciences, wildlife mgmt., or a closely related subject and a minimum of 1 year practical work experience. The general implementation of activities associated with all aspects of vegetation mgmt. within county secondary road right-of-ways agency managed property. Assist with production, harvest and processing of warm season prairie plant seeds. Assist with continued inventory and data collection for prairie remnants, noxious weed areas and woody vegetation encroachment sites.

**Director of Conservation Planning / Defenders of Wildlife / Washington, DC . . .** A permanent, full-time position. We seek talented individuals dedicated to the conservation of our nation's wildlife and natural resources. A combination of education and experience may be accepted as a satisfactory qualification. Prefer a strong working knowledge of climate change science and policy; conservation biology; landscape-level planning; and laws and regulations for biodiversity conservation. Strong written and verbal communication skills. Contact: Defenders of Wildlife, 1130 Seventeenth Street, NW, Washington, DC 20036. E-mail: [HR@defenders.org](mailto:HR@defenders.org) / Website: [www.defenders.org](http://www.defenders.org)

**Graduate Study / Dept. of Natural Resource Ecology & Management / Forest Productivity and Biomass/Biofuels research project / Oklahoma State University / Stillwater, OK . . .** A temporary, full-time position. The position will be filled at the Ph.D. or M.S. level. B.S. and/or M.S. in forestry, plant biology, or related degree. Within the Department, forestry research is currently being conducted in silviculture, forest management, forest economics, forest biometrics, forest genetics, tree physiology, and watershed mgmt. The successful candidate will conduct studies on genetically improved loblolly pine and cottonwood to determine the effects of stand density, interspecific competition, and fertility on stand-level growth and the biological mechanisms related to productivity. Contact: Oklahoma State University / Dr. Rodney Will / Phone 405-744-5444 / E-mail: [Rodney.will@okstate.edu](mailto:Rodney.will@okstate.edu), OR Dr. Tom Hennessey / Phone: 405-744-5443 / E-mail: [tom.hennessey@okstate.edu](mailto:tom.hennessey@okstate.edu)

**Native Plant Nursery Internship / Sanibel-Captiva Conservation Foundation / Sanibel, FL . . .** A temporary, full-time position. Applicants should have a strong interest in plants and conservation, preferably possessing or pursuing an Associate's or Bachelor's degree in horticulture, biology, environmental science, ecology, or a related field. The Sanibel-Captiva Conservation Foundation Native Plant Nursery seeks an energetic and hardworking intern to assist in day-to-day nursery operations as well as work with our landscape design and installation services. Internship responsibilities will include all aspects of retail nursery operation and plant care, including watering, potting, pruning, weeding, plant propagation, landscape installation, and customer service. Contact: Jenny Evans, SCCF / P.O. Box 839 / Sanibel, FL 33957 / FAX: 239-472-6421

**Seasonal Worker / McHenry County Conservation District / Woodstock, IL . . .** Mowing grass using push and zero turn / front mount mowers and weed whipping. Landscape maintenance including weeding and pruning. Light maintenance work including painting and staining. Trail work including trimming and erosion control. Assist with park rounds including trash pick-up and facility maintenance. Other duties as assigned by the supervisor. Contact: McHenry County Conservation District, Attn: HR / Ph: 815-338-6223, ext. 237.

**Sales Associate / Florist Distributing, Inc., a Hy-Vee company / Des Moines, IA . . .** This position will work with customers and distribution staff in creating and maintaining sales opportunities with Hy-Vee Florals. Other duties will include, but not be limited to, covering walk-in and phone orders to other customers. Contact: Lenny Houts / Phone: 515-243-5228

**Golf Course 2<sup>nd</sup> Assistant / Sage Valley Golf Club / Graniteville, SC . . .** We are a private club (close to Augusta, GA) with a lot of opportunity for a person who is starting out in this industry. Contact: Megan Hartman Huff / Phone: 803-663-8235 / E-mail: [megan@sagevalleygolf.com](mailto:megan@sagevalleygolf.com)

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*The Newsletter is published on the 1st and 3rd Thursdays of each month during the school year and monthly during the summer (2nd Thursday). Please feel free to email information to June that you would like included in the Newsletter. [vansickl@iastate.edu](mailto:vansickl@iastate.edu)*

