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Department of  
**Horticulture and Landscape Architecture**

Oklahoma State University

2007 Newsletter ♦ Teaching ♦ Research ♦ Extension

[www.hortla.okstate.edu](http://www.hortla.okstate.edu)

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## Faculty

Dale M. Maronek, *Professor and Head*  
Jeffrey Anderson, *Stress Physiology*  
Louis Anella, *Ornamental Horticulture*  
Gregory Bell, *Turfgrass Science*  
Lynn Brandenberger, *Food Crops*  
Janet Cole, *Ornamental Horticulture*  
David Hillock, *Consumer Horticulture*  
Michael Holmes, *Landscape Architecture*  
Paul Hsu, *Landscape Architecture*  
Brian Kahn, *Vegetable Crops*  
Charles Leider, *Landscape Architecture*  
Niels Maness, *Postharvest Physiology*  
Dennis Martin, *Turfgrass Management*  
William McGlynn, *Food Science*  
Kim Rebek, *Oklahoma Gardening Host*  
John R. Ritter, *Landscape Architecture*  
Warren Roberts, *Vegetable Crops*  
Michael Schnelle, *Ornamental/Floriculture*  
Michael W. Smith, *Pomology*  
Eric Stafne, *Fruit Crops*



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## Oklahoma State University Technologies Show Signs of Success

Oklahoma State University's Technology Business Assessment Group (TBAG) recently announced that it will fund four faculty research projects "with the potential for commercial success." The group identified these projects from a number of high-level proposals submitted in response to a solicitation this spring. TBAG Director Steve Price said, "The program continues to grow as faculty look for that hard-to-find funding to take their research to the next level."

The group identifies research projects that have the potential for commercial application when fully developed, and then helps move those projects forward by funding early stages of development.

Hopefully, these initial steps lead to a startup company or joint venture with an interested company. TBAG was formed in 2005 to further engage research faculty pursuing new technology development opportunities.

TBAG includes private sector partners experienced in new product identification and new technology evaluation, early-stage capital investors, representatives from i2E, the OSU Center for Innovation and Economic Development, the OSU-Okmulgee Economic Development and Training Center, the OSU VP for Research and Technology Transfer and the OSU Assistant VP for Technol-



Niels Maness (right), Professor of Postharvest Physiology, Horticulture & Landscape Architecture Dept. and Tim Bowser (left), Food Engineer with the Robert M. Kerr Food and Agricultural Products Research and Technology Center

ogy Development.

One project that was chosen to receive funding was Niels Maness' "Extraction Alternatives for Agricultural and Industrial Substrates."

Ambient temperature extraction of lipid-soluble substances may be accomplished with various extractants, but the most common are propane, butane, and carbon dioxide. The extraction of oils and fats from agricultural feedstocks used ATE solvents at speeds which are commercially viable at low temperature and at sub-critical pressure has not yet been accomplished and is the essence of the technology being commercialized. Because extraction temperatures never exceed 20 degrees C, ATE oils and raffinates retain a flavor, color, aroma and protein profile representative of a product's fresh state. Consumer demand in this area is enormous, and ATE products will provide end users a better way to meet existing demand.

Collaborating with Ambient Temperature Extraction Partners and Food Mech, a Stillwater-based engineering company, a commercial extraction system rated at 100 tons-per-day oilseed throughput has recently completed the preliminary engineering phase. The system was designed for soy, but canola is a more important oilseed crop in Oklahoma and would require fewer pre-processing handling steps than soybeans. Thus, proof-of-concept will be completed with canola. A pilot unit will provide the critical documentation needed for company operation of commercial ATE installations. Such an installation at OSU would provide a one-of-a-kind research tool.

Funds for faculty research and development are generated from OSU royalty income which reached \$1M in FY 2006 - a major milestone for the university. TBAG funds projects to strengthen copyright/patent status; new faculty startup companies; projects that have not yet yielded any intellectual property and require feasibility tests; and projects with Oklahoma companies that have an interest in co-sponsoring and/or commercializing a technology.

For more information about TBAG or the project mentioned here, please contact TBAG Director Steve Price, OSU Office of Intellectual Property Management, Stillwater, OK 405-744-8920.

## Needham Accepts Position at Longwood Gardens

Longwood Gardens, the world's premier horticultural display garden near Kennett Square, PA, selected Douglas C Needham, Ph. D. as its new Education Department Head.

The appointment was effective July 23, 2007.

Dr. Needham has spent a distinguished career in education, having served as Professor of Floriculture and 4-H & Youth Programs in the Department of Horticulture and Landscape Architecture at Oklahoma State University since 1989. In addition to his teaching and extension responsibilities, Dr. Needham developed innovative courses and curricula, instituted the use of new technologies in the classroom, as well as for online and distance learning, and actively recruited, advised, educated and mentored hundreds of students.

Paul Redman, Director of Longwood Gardens, said Dr. Needham was selected based on his experience creating dynamic educational programs, his ability to inspire students, and his strong personal qualities.

"Our search for a new Education Department Head has been thorough and focused," said Redman. "We interviewed many talented professionals and Doug was the top candidate. We are excited to have Doug lead Longwood's Education Department into the future and continue its legacy of excellence."

"I am honored to be chosen to lead the Education Department of a world-class public horticultural organization such as Longwood," said Dr. Needham. "Longwood is known for producing the finest horticulturists and I look forward to working with its very talented students, staff, and administration."

Dr. Needham is a frequent lecturer, participant and judge at educational and horticultural conferences and events around the world. He currently serves on the Board of Directors of Pi Alpha Xi—the National Honor Society for Horticulture and is an active member of the American Public Gardens Association (APGA), the American Society for Horticultural Science (ASHS) and the North American Colleges and Teachers of Agriculture (NACTA). The author of numerous articles, publications and conference presentations, Dr. Needham is also the recipient of numerous awards, including the L.M. Ware Distinguished Teaching Award from the Southern Region of the ASHS, the Southern Regional Outstanding Teacher Award from NACTA, and the Regional Award for Excellence in College and University Teaching in the Food and Agricultural Sciences from the USDA.

Dr. Needham, a native of Lafayette, Ind., received his bachelor's degree in biological sciences from Purdue University in 1977 and his master's and doctoral degrees in horticultural plant breeding and genetics at Purdue in 1984 and 1989 respectively.

Longwood Gardens is the world's premier horticultural

tural display garden, offering 1,050 acres of gardens, woodlands, and meadows; 20 outdoor gardens; 20 indoor gardens within 4 acres of heated greenhouses; 11,000 different types of plants; spectacular fountains; extensive educational programs including horticultural career training, internships and classes; and 800 horticultural and performing arts events each year.

For information, call 610-388-1000 or write to: Longwood Gardens, PO Box 501, Kennett Square PA 19348-0501. Complete information is available online at [www.longwoodgardens.org](http://www.longwoodgardens.org).

## Screening New Herbicides for Leafy Greens Final Report for 2005-2006

The department would like to extend its thanks to all the cooperators who participated in and provided data for this project. The complete report can be viewed at: <http://www.hortla.okstate.edu/pdf/leafygreensUSDAREport.pdf>.

## Sophia Kamenidou Chosen as International Student of the Week

Sophia Kamenidou was chosen as International Student of the Week for the week of November 12, 2007. She is from Greece, located in Southern Europe, and speaks both English and Greek fluently. She is working on her Ph.D. in Plant Science. She came to the United States as an exchange student to get her undergraduate degree here at Oklahoma State University. She enjoyed the Horticulture and Landscape Architecture Department so much that she decided to stay at OSU to get her masters and Ph.D. She has been at OSU for four years and has enjoyed every minute of it.

When Sophia is not studying or conducting research, she likes to travel to places she has not yet seen and enjoys going to the cinema to watch movies. Sophia also spends a lot of time with her husband Ioannis Oikonomakos, who is working on his PhD in Food Science. He, along with Sophia, came to America from Greece on an exchange program.

Sophia really likes the people and environment at OSU. She finds everyone to be friendly and accepting; she also appreciates the competitiveness within OSU. She believes that coming to the United States gave her a chance to experience an equal opportunity while at the same time surrounding

her with many cultures she can enjoy and learn from. "I am thankful for the multicultural setting here at OSU, this is not something I would be able to see in Europe," said Sophia.

Her future plans include staying in the US for awhile to teach horticulture and plant nutrition. After that cycle of her life she is ready to go back to Greece and pursue a career there. Since the two places are so different, she would like to gain experience and learn as much as she can from both places.

"Being an international student is hard at first and you feel like a foreigner, however, go for it and don't hesitate and everything comes together in a magical way," said Sophia.

Her advisor is Dr. Mike Smith.

Interview by Taryn Fast, International Ag Programs Assistant.

## Alums Join Oklahoma Cooperative Extension Service

Congratulations to Tracey Payton and Casey Sharber who recently joined the Oklahoma Cooperative Extension Service as Extension Educators in Cleveland and Candaian counties, respectively.

## Sensor-based Variable Rate Sprayer

Greg Bell and a team of plant scientists and engineers in the College of Agricultural Sciences and Natural Resources are working to complete the development of a sensor-based variable rate sprayer for use on home lawns, golf courses, and other turfgrass areas. The sprayer effectively divides an acre of turf into 20,000 individual plots and applies fertilizer to each plot according to a prescription determined by reflectance sensors. Because the system applies fertilizer based on plant need, excess fertilizer is not available for potential off-site movement into surface water features where excess nitrogen and phosphorus are considered contaminants.

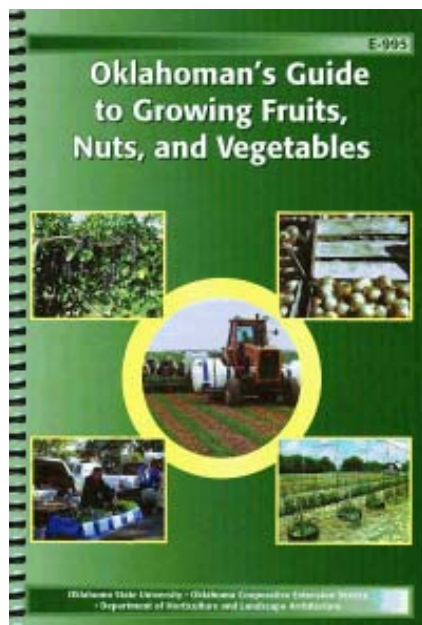


## Oklahoman's Guide to Growing Fruits, Nuts, and Vegetables Handbook

Understanding the basics of fruit, nut, and vegetable production in Oklahoma can be challenging. Production systems are very different for many horticultural crops compared to traditional agronomic row crops and sources of information can be difficult to find or interpret easily. The Oklahomans' Guide to Growing Fruits, Nuts, and Vegetables was created as an easy-to-use reference for growers, county extension educators, and others who want a quick guide for learning the basics of fruit, nut and vegetable production. Each section covers a variety of crops and within those crops, management issues such as varieties, soil preference, ideal growing conditions, establishment, fertilization, irrigation, pest management, harvest, shipping and storage conditions, and other helpful information are addressed specifically for Oklahoma growing areas, but can be applied to other states as well. We appreciate the feedback that we will receive from

commercial growers, homeowners, and county educators throughout Oklahoma to improve this guide in the future.

The Oklahomans' Guide to Growing Fruits, Nuts and Vegetables Handbook is a helpful tool for all gardeners and makes a wonderful gift. For only \$10.00 each you can order one for every gardener you know.



To place your order send \$10.00 with a request and make check payable to:  
 The Horticulture and Landscape Architecture Dept.  
 Attn: Stephanie Larimer  
 358 AG Hall  
 Stillwater, OK 74078-6027  
 phone: 405-744-5404  
 or order online at:  
<http://orangehub.okstate.edu>  
 and click on Horticulture/Landscape

## 2008 Oklahoma Proven Selections

Each year Oklahoma Proven recommends a tree, shrub, perennial, and annual for use in Oklahoma. Below are the selections for 2008. Oklahoma Proven is the brain child of the Department of Horticulture & Landscape Architecture and is supported by the Oklahoma Department of Agriculture and the Oklahoma Green Industry.



### Oklahoma Proven Selections for 2008

*Pinus heldreichii*, Bosnian Pine  
*Callicarpa americana*, American Beautyberry  
*Helleborus*, Hellebore (promoting the genus)  
*Acmella oleracea* 'Peek-A-Boo,' Spilanthes

Visit <http://oklahomaproven.okstate.edu/> for past selections.

## Student Recognition

Doug Datin, 2007 American Society for Horticulture Science, Outstanding Undergraduate Student  
 Lindsey Kesselhuth & Katie Fine were selected as Student Ambassadors to help with the behind the scenes activities at the PLANET Green Industry Conference in Louisville, KY in late October, 2007  
 Sophia Kamenidou, International Student of the Week, Division of Agricultural Sciences and Natural Resources, OSU for week of November 12  
 Jessica Moore, May 2007 "Miss Indian Oklahoma," by the Oklahoma Federation of Indian Women Organization

## Scholarships and Awards

At our 32nd Annual Departmental Awards Program on August 25, 2007, our students were awarded \$71,000 in scholarships for the 2007-2008 academic year and several special awards were given by the department.

The department would like to extend a thank you to all of the scholarship donors. We appreciate your support of our students.



## Congratulations to our Graduates

The department would like to extend its congratulations to the following students who graduated from our department.

### Spring 2007

Mark William Bailor  
Lauren Elizabeth Branscum  
Braden Allen Cale  
Jonathan Richard Campbell  
Douglas Dennis Datin  
Curry Michael Dean  
Kristin Rae Ferrell  
Michael Wayne Forslund  
Timothy James Holderman  
Brent Cameron Langdon  
Richard James Lavery  
Michael Gregory Martin  
Craig Alan Matheson  
Derek Robert McCall  
Amy Lynn McCaslin  
Travis Wayne McMahan  
Seth Michael Meadows  
Brad S. Niswander  
Anh Lan Pham  
Cassandra Sue Poor  
Brian Daniel Pruitt  
Matthew John Quirey  
John Robert Rosencutter  
Tyler Freeman Shrum  
Ellen Maureen Weatherholt  
Leroy Dean Wilson  
Karrie Elizabeth Wray  
Dewey Scott Yorman

### Summer 2007

Matthew Christopher Condley  
Brett Michael Gordon  
Candus Herrera  
Shane Allen Reid  
Matthew Cordell Webb

### Fall 2007

Matthew Ryan Clark  
Dana Marie Cox  
Kathryn Elizabeth Fine  
Eric Tyler Gifford  
Megan Marie Hilt  
Colby Jesse Johnson  
Jennifer Christine Russel  
Brady Lee Schultz  
Brett Alan Shupe  
Jeffrey Wayne Wagner  
Mark Lindsay Weedn  
James Bradley Wright  
Adam Ray Young

versity. Her gardening interests include vegetables, herbs, flowering trees and shrubs and landscaping for wildlife. With her knowledge of entomology Kim believes in working toward low-impact gardening methods by utilizing integrated pest management techniques.

## Competition Placings

Each year students participate in national and regional contests. The 2007 rankings are as follows.

### **67th Association of Collegiate Branches Horticulture Judging Contest at Southern Region ASHS in Mobile, Alabama - February 2007**

*(Team: Ellen Weatherholt, Laura McDonald, Annie Crockett & Matt Quirey.)*

3rd Place Outstanding Collegiate Chapter

1st Place - Overall Team Ranking

1st Place Greenhouse Foliage & Floral Crops - Team Ranking

2nd Place Fruit & Nuts - Team Ranking

3rd Place Vegetable Crops - Team Ranking

1st Place Overall - Ellen Weatherholt, Top Individual Ranking

3rd Place Overall - Laura McDonald, Individual Ranking

1st Place Greenhouse Foliage & Floral - Annie Crockett, Individual Ranking

1st Place Woody Ornamentals - Ellen Weatherholt, Individual Ranking

### **66th Annual National Intercollegiate Floral Crop Quality Evaluation & Design Competition at Oklahoma State University - April 2007**

*(OSU Judging Team: Jenny Chaney, Cassie Rogers, Shelly Wolf & Annie Crockett)*

1st Place Judging Potted Plants - Cassie Rogers, Individual Ranking

2nd Place Overall Judging - Cassie Rogers, Individual Ranking

3rd Place Overall Judging - Team Award

*(OSU Design Team: Megan Hilt, Joshua Morris & Ellen Weatherholt)*

1st Place Professional Division I, Class 2 Asymmetrical Triangle - Megan Hilt

1st Place Professional Division II, Class 4 Table Centerpiece - Joshua Morris

3rd Place Professional Division II, Class 3 Bridal Bouquet - Ellen Weatherholt

## Department Welcomes New Oklahoma Gardening Host

In 2007 Kimberly Rebek joined the Oklahoma Gardening team as the 10th host of the show. Kim is most recently from Michigan State University where she worked with the Michigan Master Gardener Volunteer Program. She has a bachelor's degree in horticulture from the University of Wisconsin and a master's degree in entomology from Purdue Uni-



## Faculty & Staff Recognition

The Department of Horticulture & Landscape Architecture would like to congratulate the following Faculty & Staff for their accomplishments:

Jeff Anderson - 2007 Inventor Recognition Award for Patenting 'Patriot' Turf Bermudagrass, Oklahoma State University

Greg Bell - 2006-2007 Retirement & Fringe Benefit Committee, Oklahoma State University; 2007 Promoted to Professor; 10 years of service

Lynn Brandenberger - 2007 Promoted to Professor

Janet Cole - 2005-2007 Vice President of Education Division, American Society for Horticultural Science (ASHS)

Donna Dollins - 15 years of service

David Hillock - 10 years of service

Michael Holmes - 2007 Reappointment to Assistant Professor

Brian Kahn - 25 years of service

Kyung Joon Koh - 5 years of service

Charles Leider - First District Officer for Oklahoma and the Chief of the Historic American Landscape by the American Society of Landscape Architects for the purpose of identifying and inventorying worthy sites of landscape significance for the National Archive of historically significant landscapes

Niels Maness - 20 years of service

Dennis Martin - 2007 Inventor Recognition Award for Patenting 'Patriot' Turf Bermudagrass, Oklahoma State University

William McGlynn - 10 years of service

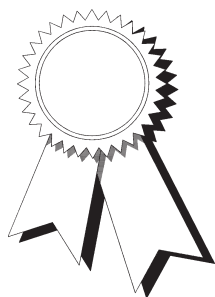
Doug Needham - 2007 Educational Department Head, Longwood Gardens, Kennett Square, PA

Warren Roberts - 20 years of service

Mike Schnelle - June 2007 Greenhouse Production short course at Atrek Turkmenistan; June 2007 Guest Lecturer at Stephen F. Austin University; August 2007 OSU Agriculture Team member who worked on tree decline issue at Tripoli, Libya

Mike Smith - 30 years of service

Pamela Tauer - 10 years of service



## Students Break Cultural Barriers with Architecture Project

*Jenny Colton*

*Senior Staff Writer, Daily O'Collegian*

Architecture students from Lima, Peru, visited OSU to participate in a studio exchange program with students in the landscape architecture program.

Thirteen students and two faculty members from the Universidad Peruana de Ciencias Aplicadas arrived at the university Feb. 2, 2007 for the four-week program. "This is the only landscape architecture program with an exchange program with a South American university," said Charles Leider, Professor and Director of the Landscape Architecture program.

Leider began the program after the director of the urbanistics program at Universidad Nacional Federico Villarreal in Peru, with whom Leider went to graduate school, suggested the idea of an exchange program between the universities.

The schools signed an agreement in 1993 and worked together for a few years, but the Peruvian university did not have the resources to continue the program, Leider said. In 1996, Leider signed an agreement with UPC to create the current exchange program. The first group of Peruvian students from that university to participate in the program visited OSU in February 1997.

While studying at OSU, the Peruvian students worked on a project with students enrolled in the Landscape Architecture Design IV class.

The class worked in groups of four or five students on a redevelopment plan for a small coastal town called Ancon, a suburb of Lima.

The Peruvian students conducted an inventory of the site before traveling to Oklahoma. They presented their findings, along with pictures and maps of the area, to the Design IV students before beginning the project. "Ancon is primarily a summer tourist destination," said Michael Holmes, Assistant Professor in the Department of Horticulture and Landscape Architecture. "A lot of the people who provide the services for tourists in the summer live in Ancon throughout the year," he said.

"There's a lot of economic issues because there's a lot of jobs in the summer and no jobs the rest of the year," Holmes said. "So part of the project is, using architecture and landscape architecture, to create an urban infrastructure

that could help establish an economic base year-round.” The students’ designs will focus on the historic area of the city near the beach, which is a pedestrian area where cars are not permitted.

The faculty have asked the students to think about the economic issues, as well as the cultural aspects of Ancon when creating their designs, Holmes said.

“Ancon was not created by chance, it was planned, so that’s what now we want to recover,” said Eileen Dancuart, Professor of Architecture at UPC. “We’re not trying to create something that was not there, we’re trying to recover the real spirit of Ancon.”

For their projects, the students worked together to create a master plan for the area. The Peruvian architecture students worked on designing the buildings, and the landscape architecture students designed the plazas, parks and walkways for the plan.

The groups presented their completed projects Feb. 28 in a formal presentation, to which the department invited landscape architecture and architecture professors and outside professionals in those fields.

After the presentation, the projects were displayed in the Horticulture and Landscape Architecture department for a few weeks, and then were sent to UPC to be put on display there.

Marcos Rivarola, an architecture professor at UPC, said the finished projects will possibly be displayed in an exhibit in Ancon.

“I don’t know if they are going to be built sometime,” Rivarola said.

He said if the ideas from the projects can make the people of Ancon think about the economic and cultural issues in the town, however, “that would be a plus also.” Students in the landscape architecture program said participating in the exchange program had been a good experience.

“I think it’s definitely opened our eyes to the cultural differences between their country and ours, as well as this is all of our first chance to work with actual architects,” landscape architecture senior Roy Adams said. Adams said the landscape architecture students have not worked with architecture students at OSU in the past, so working with the Peruvian architecture students was a new experience for them.

Landscape architecture senior Bradley Bowling said working with architecture students was helping to prepare

the students for their careers after graduation. “A lot of landscape architecture firms are actually joined with architecture firms,” Bowling said.

There are very few landscape architects in Peru, said Carolina Tassara, a third-year architecture student from UPC. Most of the architects in the country have to also do the work of landscape architects, she said. “So, they have some problems when they have to solve problems that involve landscaping,” Tassara said. Rondald Troncoso, a third-year architect student from Peru said this program is helping the Peruvian students learn about landscape architecture.

“Here we can learn how to think, and how to design those kind of things,” Troncoso said.

The professors involved in the exchange program said the program helps the Peruvian and OSU students to learn design methods from each other since the groups have each been studying different disciplines of architecture. “They are learning from each other mutually,” Dancuart said. “The Peruvians are very thankful for the hospitality that the American students have provided, and we are quite impressed by their generosity and the way they are willing to cooperate. They feel very comfortable and that’s what fosters their development.”

The Peruvian students said they enjoy studying at OSU, but it is different from their university in Peru. During their stay on campus, the students are living in university apartments. Their university in Peru, however, does not have campus housing, so some students may have to drive a half-hour or an hour to school, Troncoso said. The Peruvian students also said they were not used to places in the city being spread out. In Peru they can usually walk everywhere in town, but in Stillwater they have to use the bus when they need to go to places like Wal-Mart. The Peruvian students returned to Peru on March 1. As part of the exchange program, OSU students had the opportunity to study in Peru during the summer. The Department of Horticulture and Landscape Architecture offered a three-week study abroad trip May 12-June 2, 2007.

Students spend two weeks working and the third week touring the country of Peru. Students receive three credit hours for the course.

The trip is open to students of all majors. The department usually takes about 10 students on the trip, Leider said.

## Thank You PAC Members

The department would like to thank all the individuals who serve on our Professional Advisory Councils for our Landscape Architecture and Landscape Contracting Programs. Your input is invaluable to us!

## Alum Update - Jason Snider

Jason Snider (1997 Landscape Contracting Alum) has started his own company working in the design/build emphasis in Oregon. He is keeping things as small and concentrated as he can at the moment, but he hopes to grow within reason. Visit his company at [www.sniderlandscaping.com](http://www.sniderlandscaping.com).

## Landis Press Release

Barrett L. Kays, Ph.D. was recently inducted as Fellow in American Society of Landscape Architects at their annual meeting in San Francisco, CA. Kays, a 1971 graduate of OSU, is a nationally recognized landscape architect, soil and groundwater scientist with Landis, Inc. in Raleigh, NC. Kays' design projects have received national and state honors from American Society of Landscape Architects.

Landis, Inc.  
P.O. Box 30069  
Raleigh, NC 27612  
[www.landisinc.net](http://www.landisinc.net)

## Plow and Prep Field Day for Small Farms A Big Success

In April, small farmers from around North Eastern Oklahoma took advantage of a great opportunity to learn how fields can be prepared for horticultural food crops. The Tulsa County Extension Horticulturist organized the field day with the help of OSU Experiment Station and Extension specialists and the Oklahoma Department of Ag Food and Forestry's (ODAFF) "Plasticulture" program. Plow and Prep Day was held at the Oklahoma State University Vegetable Research Station in Bixby just South of Tulsa.

Many new small farmers did not grow-up farming and a real need exists within this group to understand what is involved in plowing and preparing new land for this type of production. Participants at the field day were able to see live demonstrations of plowing, disking, and roto-tilling with medium size tractors. In addition, ODAFF's "Plasticulture"

program demonstrated how raised beds are shaped, drip irrigation line is laid and plastic mulch is put down in a single pass.

Other equipment that was discussed included hand cultivation equipment such as roto-tillers, wheel-hoes, hand-hoes and tractor-pulled cultivation equipment such as row-crop cultivators, field cultivators and finish equipment

## Departmental Support A Special Thank You

The Department would like to extend its gratitude to the following individuals and companies for their support during 2007. Your support is essential for continuation of departmental research, teaching and extension functions. Contribution towards such programs as *Oklahoma Gardening*, the OSU Botanical Garden, departmental conferences, and our many research programs are a few examples of how your contributed funds are used. Your continued support is greatly appreciated.

Allen Canning Company; Andersons Lawn Products; BASF; Berger Horticulture; Patrick Bones; Brickman; Brighton Landscape; Bug Blaster; Davey Tree Expert Company; Deep Fork Tree Farm; Dow AgroSciences LLC; Edmond Landscape & Ground Maintenance; ETIGRA; Gachina Landscape Management; Greenleaf Nursery; Havenyield Tree Farm; Heads Up Landscape Contractors Inc.; Heartland Florist Supply Inc.; T. John Hillmer, Jr.; Messengers Landscape, Lawn & Irrigation; Monsanto; Oklahoma Horticulture Industries Council; Oklahoma One-Call System; Oklahoma Pecan Growers' Association; Pave-Stone Store of Oklahoma; PBM Group; Pond Pro Shop (Unit Liner Co.); Producers Cooperative Oil Mill; Professional Turf Products; Pro-Tech Equipment; Radius Tools; Ryan Lawn & Tree; Starks Tree Care; Stihl; Stillwater Building Center & Trex Co.; TLC Florist & Greenhouses Inc.; Toro; Tulsa Landscape; UAP Timberland; ValleyCrest Companies; Vermeer Great Plains; Western Lawns; Wilson's Creek National Battlefield

*Although every effort has been made to ensure the completeness and accuracy of our list of supporters, we acknowledge that errors may have occurred. If you wish to report an error please contact Rhiannon Battles at:*

405.744.5414 or [rhiannon.battles@okstate.edu](mailto:rhiannon.battles@okstate.edu).

## OSU Botanical Garden Booth Places 2nd at Trade Show

The Stillwater Convention & Visitors Bureau hosted the 3rd Annual Stillwater Meeting Market on Thursday, Sept. 20, 2007, at the Payne County Expo Center.

More than 50 exhibitor booths showcased the best Stillwater has to offer! Booths included hotels, caterers, meeting facilities, mobile music services, decorating services, transportation companies and more! The Wes Watkins Center won the "Best in Show" award for the third consecutive year! It was a tight race this year with only a few votes between first and second. There was a tie for second between the OSU Botanical Garden and Hampton Inn & Suites.

"The 3rd Annual Stillwater Meeting Market proved to be another great success this year," said Courtney Arnall, SCVB Sales and Services Coordinator. "We had many new vendors and had additional educational seminars held throughout the day."

Educational seminars were taught by industry professionals and topics included maximizing your event theme, working with caterers, developing creative center pieces and utilizing services provided by convention & visitor bureaus.

The tradeshow is a great opportunity for the Stillwater hospitality industry to schedule meetings with past and potential clients as well as book business.

"The Meeting Market is a great opportunity to promote my business, network with meeting planners as well as collaborate with local business men and women," said Joie Saliba, owner of Freddie Paul's. "Over all, it's Stillwater folks working together to showcase the hospital-

ity industry. Plus, I've booked catering events that have continued year after year...and money talks!"

"Many vendors got new leads from the event, and the quality of attendance was exceptional," said Arnall. "We are already getting geared up for the '08 Stillwater Meeting Market. This is a great event for the Stillwater hospitality industry to showcase what we have to offer and prove we can compete with other communities and metro areas of the state."

For more information on the Stillwater Meeting Market, contact Courtney at 743-3697 or visit [market.visitstillwater.org](http://market.visitstillwater.org).

## Holly-Day

This past holiday season the OSU Botanical Garden (OSUBG) hosted a new event called Holly-Day. The event provided families an opportunity to see the gardens in all its winter beauty. The OSU Botanical Garden provided materials for the children to make birdfeeders and tree ornaments out of pinecones. OSU Botanical Garden Ambassadors made sugar cookies for the kids to decorate and enjoy.

For a small fee, adult visitors were able to make their own wreath out of plant materials that highlight a winter landscape. The pathway to the *Oklahoma Gardening* studio gardens was lit up with luminaries decorated with greenery to help guide the way into the gardens for the visitors. This wonderful afternoon of fun ended with the Stillwater Community Singers entertaining everyone with beautiful Christmas carols and very tasty hot chocolate.

## Taking Over Louisville

by Lindsey Kesselhuth

*Landscape Contracting Senior*

When I first heard about the Student Ambassador Program I was not sure what would be asked of me if I chose to apply and was accepted. I thought it sounded like a good opportunity, so filled out the application and had letters of recommendation written, which were then submitted to the PLANET committee for consideration. When I finally heard the news that I had been selected I was so excited! The only cost I would have to worry about was my travel to Louisville, Kentucky, so I the next thing I knew I was boarding a plane and heading to the GIC Conference.



Laura Payne (left) & Tami Krehbiel (right) did a great job on the OSU Botanical Garden Booth

After arriving in Louisville I went straight to work setting up rooms for the seminars that would occur the following day. Helping the PLANET staff prepare for the opening day and the rest of the week made me realize how much planning and effort they put into this event. They are truly amazing to have made everything happen so smoothly that week!

As the week in Louisville progressed tasks that the Student Ambassadors were asked to do ranged from handing out nametags and freebie bags to announcing speakers for each seminar. Despite the fact that most of the men did not find the free bags "rugged" as I tried to describe them it was a great opportunity to welcome the PLANET members and get to talk to them about where they were from and what they did for a living.

During the round table event, where students were given the opportunity to talk to different companies, I realized how many possibilities there really are out there. Whether I wanted to head to Guam or stay in Oklahoma where I am from there were companies looking for dependable employees and willing to train students.

Being a student ambassador also had perks such as attending parties where once again I could meet industry professionals and members of PLANET. I also loved being able to see a new city that I had never traveled to before. It seemed like everywhere I went there were smiling faces that belonged to a PLANET member. We pretty much took over the entire city that week!

There are so many things that week that I am so glad I got to experience. My favorite part was getting to make new friends in the green industry that I know I can count on to help me reach my dreams. The PLANET GIC event is something I will never forget and someday attend as a professional who can help a student along his or her way.

## Peruvian Architecture Students to Arrive Soon for 2008 Exchange Program

Ten students and two faculty from the architecture program of the Universidad Peruana de Ciencias of Lima, Peru, will arrive on campus Saturday, Feb. 16, 2008 to participate in a Studio Exchange Program with the OSU Landscape Architecture Program for three weeks in association with the Design IV studio under the direction of Prof. Michael Holmes. The students will prepare a master plan and designs for associated buildings for an archeological site in central Peru. At the end of the spring semester, the OSU Landscape Architecture students and a faculty member will return the visit to Peru to work with the students at UPC. This is the only landscape architecture program in the U.S. to have an exchange study abroad program with a South American university architecture school. The program was started 10 years ago by Dr. Charles Leider, professor and director of the OSU Landscape Architecture Program.



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