



OARDC campus, Sept. 15, 2010



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A Rich and Even More Productive Future

After tornado, OARDC picks up the pieces, looks forward to rebuilding



The Sept. 16 tornado tore through the Ohio Agricultural Research and Development Center (OARDC) at speeds of up to 130 mph and more than enough strength to damage buildings, flatten greenhouses, uproot trees, and leave a trail of destruction and debris all over the Wooster campus.

But administrators, faculty, staff, and students have responded with equal swiftness and determination to the disaster. The campus is being cleaned up, buildings are being repaired, employees are back at work even as some of them have been relocated to other buildings, and research activities continue despite the fact that experiments have been lost or delayed.

"We have made tremendous strides since the day of the tornado through remediation efforts that have gotten us back on our feet, and will continue to move

forward with renovation projects in the coming months," said OARDC Director Steve Slack. "I am always amazed at how people step up in times of emergency, and this situation has been no exception."

The tornado damaged the Research Services Building (administration), the Agricultural Engineering Building, the Simon Rice House (Police Station), the Stone House (a historical building), several Research Operations grain and storage facilities, and most of the campus's 26 greenhouses. The storm also wrecked havoc in Secrest Arboretum, which lost

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more than 1,500 large trees and a newly built pavilion.

Many plants were lost in the greenhouses, setting back research projects by crop scientists and plant pathologists for months or even years. However, the most critical data (such as DNA and related materials) was salvaged.

"There will be some changes proposed and considered as the total recovery process is mapped out and evaluated by the university," Slack explained. "This process will allow us to do things differently and hopefully better than before. The resilience shown by everyone in the OARDC community speaks well to a rich and even more productive future."

Such determination was echoed by Ohio State President Gordon Gee, who toured the campus less than 24 hours after the tornado.

"Obviously, this is a devastating loss to this beautiful campus and the Wooster community, but also to the many people who have put a lot of time and effort making this place a great institution," Gee said. "But I'm impressed by the resilience of our people who are already looking to the future, to recovery. It shows the strength of the Ohio State spirit."

More information is available at <http://oardc.osu.edu/tornado>. ■ MAURICIO ESPINOZA



Secrest Arboretum: After the Storm, Renewal

Secrest took a huge hit. But people and nature will bring it back.

Ohio State University's Secrest Arboretum in Wooster, blasted by a tornado on Sept. 16, has weathered at least two other big storms in its 100-plus-year history. And bounced back.

"It's inevitable that a forest will be hit by a storm in its life," Arboretum Program Director Ken Cochran said. "Renewal is a natural process afterward."

For now, cleanup in the arboretum continues. And Cochran and staff are planning the best ways to renew it. Replanting will play a big part. So, in some places, will natural reforestation — simply letting nature take its course.

"A forest can be renewed following these situations," Cochran said. "What's important to do is to understand the science and to move ahead based on that science."

See a slide presentation on the tornado's damage at <http://go.osu.edu/BC7>.

Ohio State has announced a Secrest Arboretum tornado fund. Cash gifts to the fund will go directly toward the arboretum's renewal efforts. Learn more at <http://www.giveto.osu.edu/secrestfund>. Or call 330-464-2148.

The arboretum is part of the Ohio Agricultural Research and Development Center (OARDC). The center received major damage to buildings and greenhouses from the storm.

Both the main OARDC campus and the arboretum remain closed to the public at this writing.

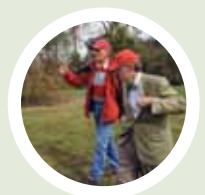
■ KURT KNEBUSCH

- On April 19, 1963, a "violent storm" left 426 trees "shattered, root sprung, and overthrown," according to the arboretum's website.

Cochran came to see that damage while in college. He said the storm "leveled just about everything" in a narrow swath between the arboretum's dawn redwood and white pine/ponderosa pine plantings.

- On March 22, 1955, a 70-mph gale knocked down 212 trees, also according to the arboretum's website.

The recent tornado had the biggest impact yet. It devastated about 30 acres of the 120-acre arboretum, including a new visitor pavilion, display gardens, and more than 1,500 large trees. The National Weather Service rated the twister as an EF-2 on a scale of 0–5 with winds of up to 130 mph.



We've got to replant and hope that 100 years from now, people will stand back and say, 'Somebody did the right thing.' — Ohio Governor Ted Strickland while touring the arboretum two days after the storm

OARDC BEYOND WOOSTER AND COLUMBUS

Ag research stations across state serve as field labs, outreach hotspots

the Buckeye state's agricultural landscape has it all: grasslands and livestock on the steep terrains of eastern and southern Ohio, large grain farms on the western flatlands, fruit and general farming in the rolling hills of the central counties, and abundant vegetable and fruit production along Lake Erie.

Such diversity requires agricultural research that takes into consideration the various crops and animals raised by Ohio farmers and the particular growing conditions and challenges experienced by those farmers. That's where OARDC's outlying agricultural research stations come into play.

Spread all over Ohio, these stations provide facilities (and more than 3,000 acres) for OARDC scientists to conduct field experiments that address differences in soil type, terrain, climate, water supply, marketing opportunities, and human and natural resources.

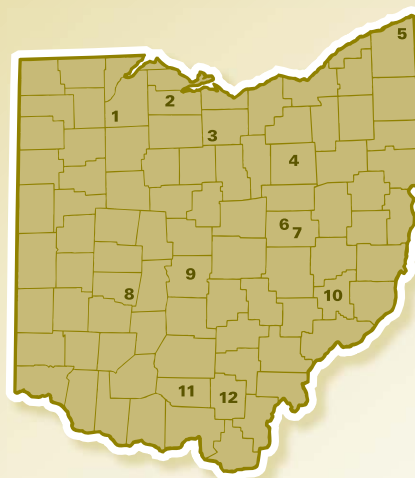
Staffed with a resident manager and technically trained personnel, each outlying station also provides an opportunity for producers to see research in action under conditions similar to those experienced on their own farms. Field days and other kinds of educational activities are common throughout the year at the research farms, often held in collaboration with OSU Extension specialists.

"The outlying research stations are critical to the delivery of site-specific field research in Ohio," OARDC Director Steve Slack said. "I am personally pleased by the active participation of local stakeholders on the advisory committees for each station; they provide us relevant and timely feedback about current programs and future needs."

Just to cite a few examples, research and outreach conducted at OARDC's outlying stations:

- have been instrumental in the development of Phytophthora-resistant soybean varieties, which could save Ohio farmers up to \$120 million a year in production losses;
- directly support the \$22.7 million a year fresh vegetable industry in the muck soils of north central Ohio;
- contribute to the growth of northeast Ohio's grape and wine industry, which generates more than \$35 million in income for people in that part of the state; and
- has led to the development of reproductive protocols for beef cows that can boost pregnancy rates by 17.5 percent, resulting in millions of dollars in savings and increased production.

■ MAURICIO ESPINOZA



1. Northwest Agricultural Research Station, Wood County

2. North Central Agricultural Research Station, Sandusky County

3. Muck Crops Agricultural Research Station, Huron County

4. Wooster Campus, OARDC, Wayne County

5. Ashtabula Agricultural Research Station, Ashtabula County

6. North Appalachian Experimental Watershed, Coshocton County

7. Pomerene Forest Laboratory, Coshocton County

8. Western Agricultural Research Station, Clark County

9. Columbus Campus, OARDC and OSU, Franklin County

10. Eastern Agricultural Research Station, Noble County

11. Ohio State University South Centers, Pike County

12. Jackson Agricultural Research Station, Jackson County



Granular Technology Offers More Options for Effective, Safer Ag Products

Liquid pesticide applications are the most reliable way of ridding food of pests and diseases, while providing a high-quality, consistent product. But those products can also be an environmental hazard, finding their way in the water supply through run-off or spray drift. The Ohio State University has embarked on an effort to put safer, more effective applications in farmers' hands.

Through a \$5 million Third Frontier Grant, Ohio Agricultural Research and Development Center researchers are evaluating granular technology developed by The Andersons, Inc., that more effectively contains, transports, and delivers fertilizer and pesticides, or other biologically active ingredients, to specific areas. The result is a more effective and environmentally safer product, activated only when exposed to water.

The OARDC project makes up two components. One is to find a way of getting the product on the plant; little technology exists to effectively apply a granular pesticide product.

"Our goal is to develop equipment that will apply dry products as close to liquid products as possible in terms of precision and allow them stay on the plant surface much longer," said OARDC agricultural engineer Erdal Ozkan.

Researchers are developing equipment that will apply the dry product where it's needed and keep it on the plant, which will be achieved by introducing moisture to dry product granules as they travel from the dry application equipment to the target.

The second component answers the question, "How well do granular pesticides work?"

Entomologist Celeste Welty is using cabbage as the crop of choice for evaluating the granular product and comparing its efficacy to conventional liquid applications.

"If we are successful with the proper application equipment and if the products work, it will mean a safer alternative to liquid products and a reliable product for farmers," said Ozkan. ■ CANDACE POLLOCK

New Study Shows 4-H 'Carteens' Cuts Risky Teen Driving By a Third

Traffic crashes are the leading cause of teen deaths in America. This Ohio State program helps reduce them.

Can teens be safer drivers? OSU Extension's Jim Jordan thinks they can, knows how, and now has the numbers to prove it.

Jordan, a Butler County 4-H educator, works with 4-H's CarTeens program and studied it for his nearly finished Ohio State doctoral dissertation. CarTeens is an intervention program for first-time juvenile traffic offenders. Teens who complete it, Jordan's research shows, make a significant improvement in their driving. Their risky driving behaviors, such as speeding, decline by more than a third.

Jordan has seen the benefits firsthand.

About 10 percent of Butler County's traffic fatalities each year used to be teens. One year, a third of them were. The figures, Jordan said, "were alarming."

But since the county started a zero-tolerance policy for teen driving violations — an automatic citation and, for first-timers, a court mandate to attend 4-H CarTeens — "we've reduced that in some years to none."

OSU Extension developed CarTeens with the Ohio State Highway Patrol and Ohio's juvenile justice system and delivers it through 4-H.

CarTeens teachers are teens — 4-H volunteers who usually have gone through CarTeens themselves. Juvenile-court judges, law-enforcement officials, and 4-H educators guide them.

Magistrate Steven Buck works with CarTeens through the Muskingum County Juvenile Court. "By any measure," Buck said, "CarTeens has been an effective program in Muskingum County: reducing the number of repeat juvenile traffic offenders, helping make parents and guardians aware of their responsibilities for their teen's driving, and increasing teens' awareness of responsible driving decisions and the impact those decisions have on others."

More than 8,400 Ohio teens participated in 4-H CarTeens in 2009.

"For a minimal tax dollar expense in facilitating CarTeens through OSU Extension, we all benefit immeasurably from reduced juvenile traffic accidents, injuries, and deaths," Buck said. "It's hard to imagine a better use of our tax dollars." ■ KURT KNEBUSCH

The Best Annuals Coming to a Garden Near You, Thanks to Ohio State



Between May and the first frost every year, visitors to Ohio State University's College of Food, Agricultural, and Environmental Sciences campus are welcomed to the colorful sight of hundreds of annuals flourishing on the corner of Woody Hayes Drive and Fyffe Court.

From geraniums to petunias to pansies, the plants are part of a floriculture program that evaluates the performance of the cultivars under Ohio's growing conditions. The ones that get good marks may eventually be marketed for someone's garden or flowerbed.

"The annuals trials benefit the companies who provide us with the plant material, the growers who need to determine the best cultivars to grow in their nurseries or greenhouses, and the public so folks can purchase the plants that best fit their gardens or landscapes," said Claudio Pasian, an Ohio State University Extension floriculture specialist.

The annuals trials, which started in 2000, have come a long way. Pasian and his colleagues started out evaluating about 100 cultivars. This year, they are looking at more than 700 cultivars. The material was provided for evaluation by the top floriculture breeding companies around the world.

"We are testing the cultivars for stresses typically experienced in the garden: heat, cold, too much rain, too little rain, pests, diseases, and lack of fertility," said Pasian. "We get plants that perform really well to those that don't perform at all to everything in between."

In 2009, 716 cultivars were evaluated and 31 of the top-performing plants were chosen for ground beds and containers. The list can be found at http://ohiofloriculture.osu.edu/archive/Dec09/Trials_09_Petunias.html.

■ CANDACE POLLOCK



Ohio 4-H Taking Lead in Developing Global 4-H Knowledge Center

When Bob Horton visited Tanzania, Zambia, and Kenya in January, he was struck by the number of children he saw — at least, compared to the relatively fewer number of adults.

A DAY FOR TREES, A LINK FOR LIFE

A program called 'Tree-mendous Day' showed kids why trees — and learning — are good.

Harold Schnell Elementary School's Denise Moore called it a "tree-mendous success."

Ohio State University Extension's Jim Chatfield described it both as a great partnership and permanent connection.

A young student named Aurora simply drew a picture of a tree, the sun, and flowers in crayon and captioned it, "My tree haz rain drop leevs."

All three were among the 550 people, including 450 first- through fifth-graders, who came together Aug. 18 for Harold Schnell Elementary's first-ever Tree-mendous Day in Dayton's Cox Arboretum MetroPark. The program celebrated trees and the good they do. Art, math, science, language, and history were part of the curriculum.

Teachers and parents from the school in West Carrollton, educators from the arboretum next door, Master Gardeners, Certified Volunteer Naturalists, and OSU Extension specialists teamed up to present it. An OSU Extension Innovative Grant to Extension's Sustainable Development Initiative was a catalyst. Aim: to develop

a STEM (Science, Technology, Engineering, and Mathematics) science curriculum on trees.

"We wanted to show that while, yes, trees are pretty, they're also an integral part of environmental health and more than pay for what they cost in terms of what they do environmentally," said Chatfield, a horticulture specialist and member of Extension's Why Trees Matter Signature Program team.

Each of the school's 40 "Bravo groups," groups with students from all five grades, adopted an arboretum tree as their own. They identified, measured, photographed, and wrote about it. Then they calculated the value of its environmental services, such as cleaning the air and reducing home energy use, with a computer



program called i-Tree. They'll follow their tree through the year and beyond.

"The activities engaged our students' minds, muscles, and imaginations," said Moore, the school's computer lab coordinator. "One teacher told me every student in her first-grade class

remembered what type of tree their adopted tree is."

"Seeing the students make that connection, seeing their excitement, seeing them involved in so many ways was very gratifying," said Chatfield, who added that the plan is to develop the program as a model for other schools.

■ KURT KNEBUSCH

"The AIDS epidemic has really taken a toll in sub-Saharan Africa," Horton said. "There are lots of children, but far fewer adults than one would expect to see."

Horton realized that in just a few years, many of those children will become Africa's farmers. But because their parents' generation has been ravaged by death and illness, those children need help in developing the skills that will empower them to become the farmers, agri-business people, and community leaders of 2025.

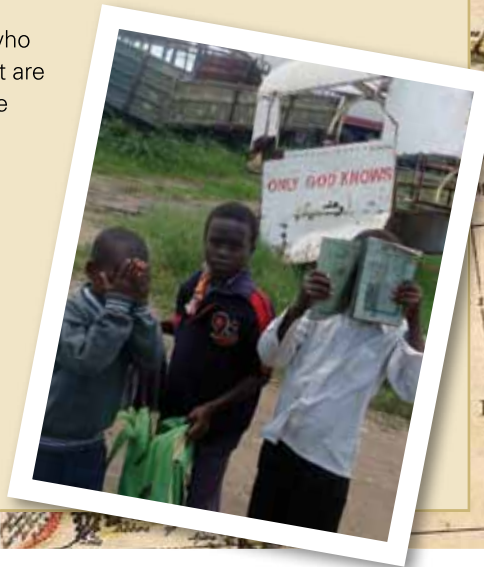
That's why Horton, an associate professor with Ohio State University Extension's 4-H Youth Development program, is working with colleagues at Ohio State and across the nation in a Global 4-H Network project that will establish a clearinghouse of land-grant university information and technical assistance for 4-H club leaders throughout Africa and provide them with timely, open access to that knowledge. The project is being supported by the Bill and Melinda Gates Foundation and the Nike Foundation.

It is estimated that 200,000 young Africans participate in 4-H programs, but Horton said 75 percent of African 4-H leaders reported in 2009 that access to quality educational

materials and technical support for staff is a challenge. The leaders asked for curriculum that was customized to African needs on topics such as entrepreneurship, income generation, vegetable gardening, sustainable agriculture, poultry science, and environmental sciences, and identified the need for technical assistance and capacity-building support in staff and volunteer development, financial management, and infrastructure.

Others at Ohio State who are involved in the project are Robert Agunga, associate professor of human and community resource development, and Mark Erbaugh, director of International Programs in the College of Food, Agricultural, and Environmental Sciences.

■ MARTHA FILIPIĆ



LARGEST OHIO SOLAR FARM DEDICATED IN UPPER SANDUSKY

OSU Extension “filling a need” to help communities take advantage of renewable energy opportunities

The dedication of Ohio’s largest solar energy farm in Upper Sandusky demonstrates how Ohio State University Extension can play an invaluable role in the development of renewable energy projects, economic activity, and jobs throughout the state.

The Wyandot Solar facility was unveiled on Aug. 19 at a ceremony attended by Ohio Governor Ted Strickland, Ohio State President Gordon Gee, and representatives from New Jersey-based PSEG Solar Source, which owns the project.

At 12 megawatts of electricity generation capacity, the farm is one of the largest of its kind east of the Mississippi. Its more than 159,000 solar panels, ground-mounted on 80 acres of former farmland, can yield enough clean energy to keep the lights on and air conditioners humming at more than 9,000 homes when the sun is shining. Additionally, the project will help eliminate 14,030 tons of greenhouse gas emissions per year.

“OSU Extension has played a very vital role in this project,” Wyandot County Commissioner Mike Wheeler said. “We are in an agricultural-based area that had a definite need and all the items essential for a renewable energy project of this kind. What we lacked in the Commissioners’ office was the expertise to convey that message properly. Extension’s expertise and wealth of knowledge is unbelievable and helped us do that.”

Eric Romich, who doubles as OSU Extension economic development and regional planning educator and director of the Wyandot County Office of Economic Development, said the lessons learned from working on this project make OSU Extension an invaluable resource for communities across Ohio looking to take advantage of renewable energy development opportunities.

“The demand for renewable energy projects will continue to grow in Ohio because the demand for energy is increasing and there are policies in place facilitating these kinds of projects,” Romich explained. “OSU Extension is filling a need that exists in the state to help address these new opportunities.”

A video of the dedication is available at <http://go.osu.edu/9g>.

■ MAURICIO ESPINOZA

“The demand for renewable energy projects will continue to grow in Ohio because the demand for energy is increasing and there are policies in place facilitating these kinds of projects.”

— Eric Romich, OSU Extension economic development and regional planning educator of the Wyandot County Office of Economic Development

End Goal: Reducing Foreclosures

OSU Extension gains HUD approval for housing counseling



Ohio State University Extension has received approval to act as a housing counseling service agency by the U.S. Department of Housing and Urban Development.

Ten Extension educators and two program assistants are approved to offer three types of housing counseling: pre-purchase/homebuying education; resolving or preventing mortgage delinquency or default; and non-delinquency post-purchase financial education.

Many of Ohio’s Extension educators have offered such programs in the past, but in recent years, partners have increasingly asked if the educators are HUD-approved, said Nancy Stehulak, a family and consumer sciences educator based in Henry County. Stehulak worked with Căzilia Loibl, OSU Extension specialist and assistant professor in the Department of Consumer Sciences in the College of Education and Human Ecology, to gain the HUD approval.

“Our goal is to target rural areas, which are quite underserved with regard to housing counseling services and which have some of the highest foreclosure rates in the state,” said Loibl, who is also a researcher with the Ohio Agricultural Research and Development Center.

HUD requires counselors have at least one year’s experience in conducting such sessions; the educators and program assistants provided workshops or individual counseling to several hundred clients between January and December 2009.

“Now with HUD approval, we hope to increase the number of staff devoted to this effort and the number of families served in Ohio,” Loibl said.

Those offering HUD-approved sessions are listed on the OSU Extension Housing Counseling Services website: <http://fcs.osu.edu/cs/house-counseling.php>.

“Our workshops are open to everyone who wants a better understanding of mortgages and finances, but normally we partner with a local housing authority, Habitat for Humanity, or another organization that works directly with people who may be first-time homebuyers or just need some background on their rights and responsibilities before talking to a banker,” Stehulak said. “We know that if people participate in a homebuyer education course, they are less likely to go into foreclosure.” ■ MARTHA FILIPIC



Speaking at the solar farm’s dedication were (from left to right) Ohio State President Gordon Gee, PSEG CEO Ralph Izzo, and Ohio Governor Ted Strickland.



CAREER EXPOS GET THE JOB DONE

Students interested in finding an internship during summer break or a job after graduation often search the Internet, talk to their friends and family, or consult with their teachers to find the right position. Another good option for them is to attend a career expo event hosted by their college.

"When someone is conducting a job or internship search, it can be very difficult to visit with 20 companies in one day," said Adam Cahill, Career Development Coordinator for the College of Food, Agricultural, and Environmental Sciences. "But you can by coming to one of our Career Expo events where companies come to you in one afternoon."

The college offers four Career Expos throughout the year to meet the needs of all the different majors in the college. The largest expo, in November, is a general event that draws a wide array of companies and organizations — as well as a broad range of those looking for employment.

"We encourage students to take advantage of these events. Even as a freshman — you might not be looking for a job but you'll meet people, network, and see what kinds of opportunities are available."

— Adam Cahill, Career Development Coordinator for the College of Food, Agricultural, and Environmental Sciences

"The November event was so popular with companies we had to expand into more events," Cahill said. Currently, in October the college offers a Career Expo focused on the construction industry, and in January, it offers an expo specifically for opportunities related to environmental careers. A second general expo is held in February.

"We encourage students to take advantage of these events," Cahill said. "Even as a freshman — you might not be looking for a job but you'll meet people, network, and see what kinds of opportunities are available. Signing up for an interview offers a great professional development experience as well."

The expos are also open to alumni, who can make use of the college's online career services site, Hireabuckeye, to identify employment opportunities. "We've seen a large increase in alumni using Hireabuckeye," Cahill said. "Alumni, current students, and companies can all benefit from this site."

For more information on Hireabuckeye, Career Expos, or general career services offered by the college, visit <http://www.cfaes.osu.edu/career> or contact Adam Cahill at cahill.71@osu.edu or 614-292-1589. ■ MARTHA FILIPIC

DOING THINGS RIGHT

More students find a home in CFAES



As coordinator of Prospective Student Services, Jill Tyson is feeling good about the College of Food, Agricultural, and Environmental Sciences.

New first-quarter freshmen for 2010–11 totaled 142. With an additional 192 transfer students — including 80 from ATI (Agricultural Technical Institute) in Wooster — the college welcomed a total new student population of 334 this fall.

“The fact that we have 19 different majors representing a lot of different areas tends to bring students in,” Tyson said. “Many of our majors are the only program in the state and are nationally recognized. That’s an indication that we’re doing things right.”

COLLEGE HIGHLIGHTS:

- Over 90 percent of CFAES graduates find full-time employment or enter graduate school within six months of graduation.
- The college’s student-to-faculty ratio remains at 10 to 1, offering a small-college feel at a world-class institution.
- The college awards \$1.5 million in scholarships each year — so many that, typically, two-thirds of applicants receive an award.

Tyson’s office is making more use of social media and networking today to spread the word about the opportunities available in the college.

“This is definitely a team effort, and alumni can play a big role. When they talk about how successful they’ve been or how much they enjoyed their years in the college, that goes a long way. If they ever speak with an interested student, they can just refer them to our office for more information.”

A new student recruitment video has generated a “phenomenal” response, Tyson said. “It really holds people’s interest. I think it’s because we used current students and nothing was scripted — they’re just talking about what they find enjoyable about the college. People relate to that.”

To see the video, see <http://go.osu.edu/cfaesrecruit>. For more information about student recruitment, contact Tyson at tyson.46@osu.edu or 614-292-8124. ■ MARTHA FILIPIC

MARK YOUR CALENDARS

The College of Food, Agricultural, and Environmental Sciences offers several opportunities for incoming students to visit, including these upcoming events:

Saturday, Feb. 5, 2011	ATI Open House @ATI
April 2011 TBD	Regional Campus Transition Day
Saturday, April 2, 2011	ATI Open House @ATI
Saturday, May 21, 2011	Spring Visit Day (Pre-Vet Day)

In addition, “Experience OSU for a Day” visits can be scheduled any day in which classes are offered.

To learn more, visit <http://www.cfaes.osu.edu/visit> or call 614-688-4659.

BOOK CLUB ACCLIMATES STUDENTS TO COLLEGE LIFE

The 6,500 freshmen enrolled at The Ohio State University this fall were welcomed with the challenge of exploring ways to reduce their carbon footprint on campus.

From biking to supporting local foods to conserving water and exploring alternative energy, the students embarked on a week-long carbon-cleansing "No Impact" event Oct. 10–17 that encouraged them to take up Ohio State President E. Gordon Gee's call of transforming Ohio State into the "greenest" campus in the country.

Trish Raridan Preston, School of Environment and Natural Resources program coordinator, said that the program is a culmination of the First Year Experience Buckeye Book Community where the incoming students

were asked to read "No Impact Man." The story follows a man and his family as they go off the grid for one year and live a no-impact life.

"The activities centered around the book were designed to educate the students that in some small way they can contribute to environmental stewardship and a more

sustainable lifestyle," said Raridan Preston. "We in SENR were excited about being part of the activities because of the emphasis on being green."

Students toured the College of Food, Agricultural, and Environmental Sciences, Ohio 4-H Center, Olentangy River Wetland Research Park, and Waterman Agriculture and Natural Resources Laboratory.

The Buckeye Book Community is one of the largest book clubs in the nation. The goal of the program is to introduce first-year students to campus life, and foster community among other students and faculty through connections achieved by reading required selections before classes begin. The book and subsequent discussions, said Raridan Preston, are a way for students to share their experiences both in and outside the classroom.

To learn more about Buckeye Book Community, log on to <http://fye.osu.edu/bbc.html>. ■ CANDACE POLLOCK



High standards, keen ability: Earning top awards this fall were CFAES students Jedidiah Bookman (left, in an elementary school classroom), and Justin Rismiller (during AZP's study abroad program in Brazil, with the local undergraduate student facilitator).

CFAES Students Earn Ohio State, National Ag Ed Honors

Congratulations to our latest award winners, Justin Rismiller and Jed Bookman

Two CFAES students were recently recognized for their academic achievements.

Justin Rismiller, a Versailles, Ohio, senior majoring in agribusiness and applied economics and minoring in political science, received the Ohio State University Board of Trustees' Student Recognition Award Sept. 17.

He's a member of Class 10 of Alpha Zeta Partners (AZP), CFAES's selective leadership program, last year worked in Ohio State's Ohio Bioproducts Innovation Center, and currently serves as a college ambassador assisting with CFAES recruitment.

He was a 2010 finalist for the Board of Trustees' highly competitive student position and won CFAES's Outstanding Freshman Award in 2008.

"As the advisor to AZP over the past three years, I've watched Justin blossom both inside and outside the classroom," said Jill Pfister, CFAES's assistant dean for academic affairs. "He has the keen ability to listen, synthesize the information, analyze the situation, and offer suggestions for improvement.

"He is committed," Pfister said, "to getting the most out of his college experience."

Jedidiah Bookman, a Loudonville, Ohio, senior majoring in agricultural education, has been selected as one of 15 recipients nationally of the National Association of Agricultural Educators' (NAAE) Delmar-Cengage Upper Division Education Scholarship. He received the award at NAAE's November annual conference.

Bookman has conducted undergraduate research on classroom applications of Piaget's theory of cognitive development and in each of the past three years has presented his work in CFAES's Undergraduate Research Forum and in Ohio State's prestigious Denman Undergraduate Research Forum.

He's student teaching this fall at Amanda Clearcreek High School in Fairfield County. He'll return to his job as a student administrative assistant in the Department of Human and Community Resource Development after that.

"Jed sets high standards for himself," said Susie Whittington, an associate professor in the department, Bookman's advisor, and his student employment supervisor. "He came from a strong FFA background at Hillsdale High School (in Ashland County) and consequently believes in the intracurricular mission of agricultural education.

"He'll be a great teacher."

■ KURT KNEBUSCH



TEAM CONQUEST: "CROPS TO THE CLINIC" EXCEEDS PELOTONIA FUND-RAISING GOAL

This is the tale of two riders, Stephen Nameth and Keith Smith — opposites in many ways, but united in a common cause, the Pelotonia bike tour. The tour raises funds for the Ohio State University Comprehensive Cancer Center — James Cancer Hospital and Solove Research Institute. Nameth, director of Ohio State ATI, and Smith, Ohio State University Extension director, rounded out a 23-person team comprising faculty and staff from CFAES and the James.

Nameth had already made a commitment to ride the 102-mile Columbus-to-Athens route in the 2010 Pelotonia when CFAES Dean Bobby Moser approached him about spearheading a college Pelotonia team. The CFAES team quickly morphed into Team Conquest: "Crops to the Clinic," a joint effort acknowledging CFAES's unique relationship to the James

through multidisciplinary research projects focusing on the cancer-fighting properties of food.

Smith was one of the CFAES members who responded to Moser's invitation to ride. A cancer survivor himself, Smith said he felt motivated to ride "because of his situation." Smith notes that cycling is not a part of his regular exercise regimen, although he does routinely log 20 to 30 minutes on a stationary bike. He decided the 43-mile Columbus-to-Amanda route would not be too much of a stretch for a fit non-biker.

Nameth, on the other hand, has a long history with cycling. "In my early and mid-20s, when I lived in California, we would bike up or down the coast every weekend." He regularly participated in races of up to 100 miles — and then "hung it all up and quit" when he joined the CFAES faculty in 1985.

It was not his cycling hero, Greg LeMond, who inspired him to return to the sport in 2008. It was \$4.00 per gallon gasoline prices. Nameth began biking the eight-mile round trip between ATI and his Wooster home. What began as a way to thumb his nose at the oil companies evolved into a way of reducing his personal carbon footprint and gave him a solid training base for the nine-hour ride on his LeMond racing cycle.

Smith stuck with an old touring bike, despite his triathlete daughter's urgings to upgrade to a bike "costing a whole lot of money." Pelotonia was his first athletic event for a cause, although he has participated in numerous volunteer projects through his church.

Smith rode with team members Moser and Ken Martin, and the three crossed the finish line at Amanda together. "We didn't see Steve after the start. I think he

I can't think of a better way to spend the day than riding to Athens and raising money for cancer in many ways, and donations to The James Cancer Hospital will help those we know as well as



Left to right:
Bobby Moser,
Keith Smith,
Ken Martin

CFAES Pelotonia Team Members

Steven Clinton, captain

- Bruce Ackley
- Maureen Austin
- Evan Clinton
- Robert Curley
- Mike Dodrill
- Derrick Dozier
- Mark Loux
- Tory Loux
- Ken Martin
- Joseph Mitchell
- Paul Monk
- Amir Mortazavi
- Bobby Moser
- Steve Nameth
- Thomas Olencki
- Joseph Ottobre
- Ken Riedl
- Steven Schwartz
- Cindy Shelly
- Keith Smith
- Hsueh-li Tan
- Helen Thompson
- Frances Whited

left us in the dust," Smith joked.

"I was actually riding behind them," Nameth responded. Well-versed in handling such road hazards as flat tires and derailed chains, Nameth wanted to make sure he would be nearby if the trio encountered problems.

Smith and Nameth both exceeded their personal fund-raising goals. "I raised twice as much as I needed to, and I didn't have any big corporate donations. It was all through individuals," Smith said. "I was very touched by the response to my fund-raising letters." Their donations contributed to the total of more than \$31,000 raised by Team Conquest, far exceeding the initial fund-raising goal of \$7,000.

"I can't think of a better way to spend a day than riding to Athens and raising money for cancer research," Nameth said. "Cancer has touched all of our lives in many ways, and donations to The James Cancer Hospital will help those we know as well as those we don't." ■ FRANCES WHITED

er research. Cancer has touched all of our lives
s those we don't." — Stephen Nameth, director of Ohio State ATI

Putting medals to her petals: ATI student wins first place in national competition



ATI floral design and marketing major Bailey Anne Wilson brought home a total of four awards, including first place overall, from the 2010 Student Floral Design Competition that was held as part of the American Institute of Floral Designers 2010 National Symposium in Boston, July 3–8. This competition is the most prestigious student floral design competition in the nation.

Wilson, who is a second-year student from Marblehead, Ohio, garnered the People's Choice Award, an award for best design voted on by the general public, as well as first place in the Overall Contest Winner category. She also received first place in the Buffet Design category and second place in the Napkin Décor Design category.

The competition consists of five categories: Overall, Buffet/Food Table Design, Napkin Floral Décor, Flowers to Carry – Bridal Bouquet Design, and Sweetheart Table Design.

The Student AIFD (SAIFD) maintains chapters at 15 colleges and universities throughout the United States and Canada. SAIFD chapters not only compete in the Annual Student Design Competition during AIFD's National Symposium but also host artist in residence programs throughout the year.

ATI sends a student design team to the competition every year. An ATI student won first place overall in 2005, and ATI also earned the first-ever Top Overall School Award that year.

■ FRANCES WHITED

Memorial Scholarship Supports Students at Stone Laboratory



Lydia Bailey with her father Arley Blankenship

Lydia Bailey, alumna, student, staff member, and friend to The Ohio State University, wanted to honor her father, Arley Duff Blankenship, after he passed away in 1999. Born in Justice, West Virginia, Mr. Blankenship was an avid outdoorsman and took a deep interest in natural science. He volunteered for multiple religious and community organizations and actively participated in natural resource educational opportunities. Lydia fondly remarked, "He was the most amazing man I've ever met, and everyone he knew was better having known him." In his memory, she established The Arley Duff Blankenship Memorial Fund at Stone Laboratory in May 2010. The endowment fund recognizes and celebrates his love of education and nature by providing scholarships for students taking introductory courses at Stone Laboratory with preference given to students from Appalachia.

"The world becomes a better place when we have better educated citizens." — Lydia Bailey

Lydia's love of Stone Lab began the same year that her father entered hospice care. "The lake is amazing, and it was a relief to be on the island during that stressful period of time in my life," she explained. Although her father was never able to visit the lab, she knew that he would have enjoyed spending time there. He was an advocate for education and would have whole-heartedly supported Stone Lab's mission. The establishment of this scholarship was the best way to honor him while also supporting the lab and helping students. "The world becomes a better place when we have better educated citizens," Lydia remarked. As treasurer of the Friends of Stone Laboratory Board, she is extremely dedicated to the lab and has a tremendous amount of respect for its director, Dr. Jeff Reutter, and the dedicated team of researchers and educators that work through Stone Lab to improve and protect the Great Lakes. It is her hope that this scholarship endowment will be a great help not only to its recipients, but also to the lab itself by attracting the best and brightest students.

The Arley Duff Blankenship Memorial Fund at Stone Laboratory truly exemplifies Lydia's love of Ohio State, Stone Laboratory, and most of all, her father. In his memory, countless grateful students will have the opportunity to take advantage of life-changing opportunities and achieve success by receiving an education that may not have been possible otherwise.

■ KELLY VOTINO



Dr. Beatrice J. Cleveland

Nationwide and Ohio Farm Bureau 4-H Center Board Room Named in Honor of Bea Cleveland

On Oct. 6, the Ohio 4-H Foundation Board celebrated the honorific naming of the Bea Cleveland Board Room with a dedication ceremony.

Dr. Beatrice J. Cleveland served for 32 years as a dedicated faculty member of Ohio State University Extension, including many years in the State 4-H Office. Bea has been an outstanding volunteer and advocate for the 4-H program for more than 65 years. She served 4-H at the national level by participating on the National 4-H Policy Committee, the National 4-H Foods and Nutrition Development Committee, and the National 4-H Foundation.

Bea's volunteer fund-raising activities resulted in more than \$1 million for the 4-H Foundation Endowment. In addition, she has given generously to the 4-H Center and plans to make future gifts to the 4-H Center via her estate.



Closing in on the Students First, Students Now fund-raising goal

Students First, Students Now is a university-wide initiative. Kicked off by President E. Gordon Gee January 2009, Students First was created to ensure continued access to education for current and future Ohio State students. The Students First, Students Now venture is comprehensive, and involves scholarships, loans, aid, and emergency funds.

The university's overall fund-raising goal for Students First, Students Now is \$100 million, and CFAES was challenged to raise nearly \$2.8 million before June 30, 2011. By the end of Fiscal Year 2010, the college's generous supporters had given \$2,159,951, putting CFAES at 77 percent of its goal. These dollars are solely for scholarships and emergency funds to students who needed immediate financial help to stay on track toward their degrees.

Throughout the course of Fiscal Year 2010, 773 CFAES students on the

Columbus campus received \$1.5 million in scholarships and 138 ATI students received \$300,000 in scholarships. Generous donors made this possible.

One of the students who has benefited from scholarship support is Lauren Slutzsky, a double major in Food, Agricultural, and Biological Engineering, and Psychology. Slutzsky, a Cincinnati native, received the Shepherd Scholarship Award; the Alfred Soboyejo Scholarship; the Ohio and Michigan Equipment Dealers Association Scholarship; the Women in Engineering Scholarship; an Honors & Scholars award.

"My mother was the first person in her family to graduate from college, and I know how hard she had to work to pay for her own tuition," said Slutzsky.

"Having my tuition paid for has allowed me to focus on my academics and to search for opportunities that have given

me broad exposure, not just a paycheck. I've presented research at the Denman Undergraduate Research Forum, and have done volunteer work with Women in Engineering, City Year Columbus, and the emergency department at Nationwide Children's Hospital."

As university president E. Gordon Gee has explained, "Our profound commitment is to providing access to Ohio State's excellent educational opportunities. Now more than ever, we must assure that young people are able to pursue their dreams, earn a degree, and use their talents to enhance our economy, our state, and our world."

To make a gift to the Students First, Students Now campaign, visit www.giveto.osu.edu. ■ AMY MCKENZIE



I am eternally grateful
for the support I've received.

Lauren Slutzsky knows the value of an education. A second-generation college student, she set her sights high with a double major in psychology along with food, agricultural, and biological engineering. Now in her fourth year, Lauren plans to go on to medical school to become a physician scientist.

Even with such inspiring goals, Lauren recently faced a major challenge when both of her parents lost their jobs. With graduation becoming uncertain, Lauren was grateful to receive the generous support of donors. "I was incredibly fortunate to receive a scholarship that helps pay my tuition," she said.

Students like Lauren deserve a chance to make their dreams come true. By joining together, Ohio State alumni and friends can make a difference for students in need.

Help Ohio State put *Students First, Students Now* by making a gift today at giveto.osu.edu/studentsfirst



CFAES Alumni Society to Recognize Seventeen at Awards Luncheon

The CFAES Alumni Society announces the selection of 17 recipients for recognition at the annual Alumni Awards Luncheon on Saturday, March 5, 2011. The event will be held at the Fawcett Center, 2400 Olentangy River Road beginning with a reception at 11 a.m., followed by the luncheon at noon and the recognition program at approximately 1:15 p.m. Alumni, family friends, and mentors are encouraged to attend and support our recipients.

Meals are \$26 each and may be reserved using the form on the next page.

Meritorious Service to the College

Kenneth E. Dountz (*BS, Agricultural Economics, 1964*) Dublin, Ohio, on being recognized for his service to the college and students in AEDE and the NAMA marketing team and for his service on many significant committees in the college.

William L. Flinn (*BS, Rural Sociology, 1960*) Worthington, Ohio, will be honored for his substantial service to the Rural Sociology program and the international programs office in the college through his work in MUCIA.

John R. Staubus (*non-alumnus*) Columbus, Ohio, for his many years of service to the college and extension programs as state dairy nutritionist and service to the dairy industry in Ohio for nearly 30 years, and his contribution to many students over the years.

Distinguished Alumni Award

Gary Bennett (*MS, Animal Sciences, 1975; PhD, Animal Sciences, 1977*) Clay Center, Nebraska, is being recognized for 35 years as a genetics specialist in beef, sheep, swine, and poultry leading to his strong publication record and national and international conference presenter.

Alan R. Brugler (*Combined BS-MS, Agricultural Education, Agricultural Economics, 1976*) Omaha, Nebraska, in being honored for his adoption of new information technologies with Ohio Farm Bureau, DTN Ag Daily, and his personally owned Brugler Marketing and Management LLC consulting firm.

Steven P. Debruin (*BS, Dairy Science, 1977; DVM, 1983*) Millersport, Ohio, is being recognized for his work in veterinary medicine with Feeder Creek Vet Services, and his work with the Ohio Cattlemen's Association, as well as county and national associations.

David R. Hawkins (*BS, Animal Science, 1963; MS, Animal Science 1965*) East Lansing, Michigan, is being honored as an distinguished faculty member at Michigan State University and his active involvement in teaching and research programs there as well as across the nation.

Scott E. Higgins (*BS, Agricultural Economics, 1984*) Johnstown, Ohio, is being recognized for his service as President and CEO, American Dairy Assn Midwest; CEO Ohio Dairy Producers Assn, and President and CEO of the Ohio Dairy Industry Forum for nearly 25 years.

Linda M. Pollak (*BS, Horticulture, 1978*) Ames, Iowa, is being honored for her significant leadership role in the corn breeding community and development of the U.S. testing

network, focusing on conventional and organic testing for hybrid performance across the nation.

Dan Wampler (*BS, Horticulture-Food Processing, 1980; PhD, Food Technology, 1983*) Hamilton, Ohio, is being honored for his service to the college on several committees and his establishment as a food industry leader in natural product extraction.

Brian H. Watkins (*BS Agricultural Economics, 1983*) Kenton, Ohio, is being recognized for his record of accomplishment as a family farmer, industry leader, and active participant in several cooperatives dealing with pork and GPS database management.

International Alumni Award

Yoo Yong Kim (*PhD, Animal Sciences, 1999*) Seoul, Korea, is being recognized for his contribution as a world leader in pork production, and for his excellence in teaching.

Fahri Yavuz (*MS, Agricultural Economics, 1992; PhD Agricultural Economics, 1994*) Erzurum, Turkey, is being honored for his expertise in international affairs, and his administrative service to his university and the Ministry of Agriculture office of Turkey.

Young Professional Achievement Award

David Darr (*BS, Agribusiness and Applied Economics, 2001*) Kansas City, Missouri, is being recognized for his work in the dairy cooperative industry and his excellence in fund raising for Dairy Farmers of America.

Andrea M. Grube (*BS, Agribusiness and Applied Economics, 2000*) Champaign, Illinois, is being honored for her fast track promotion with John Deere Company and for her significant work with dealers in her two-state area of Indiana and Illinois.

Jenifer L. Weaver (*BS, Agribusiness and Applied Economics, 1997*) North Jackson, Ohio, is being recognized for her outstanding career in grain management with Deerfield farm services, and the expansion of their service areas.

Melanie Flax Wilt (*BS, Agricultural Communication, 1998*) South Charleston, Ohio, is being honored for her achievements in public relations with OFA, an association of floriculture professionals, the Ohio Department of Agriculture, and her establishment of Wilt Public Relations.

Congratulations to all of our alumni award recipients for 2011. Join us on March 5 to salute your friends, family, mentors, or teachers.

Winter Event Registration Form

Alumni Awards Luncheon and Upcoming Events

See the alumni website, <http://cfaes.osu.edu/alumni-and-donors>, for details on all events.

Alumni Awards Luncheon Saturday, March 5, 2011

Registrations must be received by **Monday, February 21, 2011**

See story on page 14 for details _____ # Lunches @ \$26.00 = _____

Women's Basketball

If you are interested in attending a Women's Basketball game at the end of February or early March, please contact Ray Miller (miller.64@osu.edu) or Amber Pasternak (614-247-2745 or pasternak.6@osu.edu). Also watch the Alumni website for up-to-date info in January.

Men's Hockey vs. Notre Dame Saturday, January 22, 2011

Registrations must be received by **Wednesday, January 5, 2011**

Game time will be announced closer to the event _____ # Tickets x \$6.00 = _____

Tailgate at Longaberger Alumni House starts two hours before the game (limited availability). Pricing is still tentative, but there will be special pricing for children under 12. Please check here if you would like more information about the tailgate. _____

Men's Basketball vs. Wisconsin Sunday, March 6, 2011

We have 20 tickets reserved in the upper bowl at \$20 each. Time to be determined. First come, first served. Additional details will be posted on our website by late December. _____

Spring Game Tailgate Saturday, April 23, 2011 (tentative date)

Date and pricing are still tentative. Watch <http://cfaes.osu.edu/alumni> for up-to-date information. Please check here if you would like more information about the tailgate. _____

Total amount enclosed: \$ _____

Name _____

Address _____

City _____ State _____ Zip code _____

Phone _____

E-mail _____

Names as you would like them to appear on the name tags (for Alumni Awards Luncheon):

Make checks payable to The Ohio State University and send to Ray Miller, CFAES Alumni Society, 100 Ag Admin Building, 2120 Fyffe Road, Columbus, OH 43210. Questions? Contact Ray Miller (miller.64@osu.edu) or Amber Pasternak (pasternak.6@osu.edu) at 614-247-2745.

CFAES ALUMNI SOCIETY WINS SCARLET, GRAY, AND GREEN TAILGATE COMPETITION AT FALLFEST

Nearly 650 people joined us in the French Field House for Fallfest 2010.

The CFAES Alumni Society thanks
2010 donors:

ABN—Lindsay and
Andy

Ohio Pork Producers
Council

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Spring Water

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Council

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and the many
contributors to
the Silent Auction
for Alumni
Scholarships

KOVA of Ohio

Mechanicsburg
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Michael Farms, Inc.

Ohio Apple
Marketing Program

Ohio Corn Growers
Association



Fallfest 2011 will be September 10, 2011. Watch the CFAES website and *Continuum* for information. As a reminder, football ticket packages will be available only to paid members of the OSU Alumni Association. Log on to <http://www.ohiostatealumni.org/membership> to join the OSU Alumni Association.

CFAES well represented at OSU Alumni Awards

On Friday, September 24, Ray Miller and John Foltz were recognized at the OSU Alumni Association Awards Banquet along with two Human Ecology graduates, Anne Foltz and Virginia Bazler. Miller received the E. Gordon Gee Spirit of Ohio State Award, which honors a person who demonstrates a devotion to Ohio State and promotes school spirit with integrity and honor for his energy and leadership in student affairs and alumni program in the college and university. John and Anne Foltz were recognized with the Dan Heinlen Award for being leading and vocal advocates for the university in their community, profession, or civic involvement. The Foltzes have been major supporters of the Ohio 4-H program for many years. Bazler, along with her husband, Frank, received the Ralph Davenport Mershon Award for demonstrated leadership and service to The Ohio State University through support of a variety of scholarship programs in Agriculture, Human Ecology, professorships in the Moritz College of Law, the College of Food, Agricultural, and Environmental Sciences, and planned professorships in business law and food science. Congratulations to these outstanding alumni. GO BUCKS!

Volume 3 ▶ Issue 1

The Ohio State University Alumni Association, Inc.

College of Food, Agricultural, and Environmental Sciences

Alumni Society

100 Agricultural Administration Building

2120 Fyffe Road

Columbus, OH 43210-1010

ADDRESS SERVICE REQUESTED



Bobby D. Moser

*Vice President
for Agricultural
Administration
and Dean, College
of Food, Agricultural,
and Environmental
Sciences*

Elsewhere in this issue you'll read about the EF-2 tornado that hit the Wooster campus of the Ohio Agricultural Research and Development Center. As you review the damages sustained that September evening, you'll understand why we are amazed and so very grateful that nobody was hurt. Buildings were demolished, roofs torn off, greenhouses flattened. We are still determining the dollar value of the damages. Perhaps the most heartbreaking losses are those that only time can truly replace — the hundred-year-old trees from Secrest Arboretum and the research, especially that conducted by our graduate students. But in our great loss we find reasons for gratitude. The first 48 hours after the storm, Governor Ted Strickland, Congressman John Boccieri, Wayne County Commissioner Ann Obrecht, Wooster Mayor Bob Breneman, Ohio State Board of Trustees Member Jack Fisher, and Ohio State President E. Gordon Gee were among the officials providing support and encouragement. And two funds established are already starting to grow with donations from supporters. One will help Secrest Arboretum rebuild: <http://www.giveto.osu.edu/secrestfund>. The other, a general fund, will help graduate students and the entire campus: <http://giveto.osu.edu>, (Fund#313533 OARDC Campus Tornado Relief Fund). We will rebuild, and we will come back better than before.

Bobby D. Moser



Continuum is produced by the College of Food, Agricultural, and Environmental Sciences at The Ohio State University. View *Continuum* online at <http://cfaes.osu.edu/alumni-and-donors/alumni/college-news/>.

Section of Communications and Technology

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Bobby Moser, Ph.D., Vice President for Agricultural Administration & Dean

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