BOBBY MOSER to step down as DEAN

IT'S THE END OF AN ERA.
Vice President and Dean Bobby D. Moser announced his retirement plans in September after 20 years in the position. He will stay until a new vice president is named.

“There has been no greater ambassador for The Ohio State University than Bobby Moser. He has strengthened us in immeasurable and enduring ways.”
—E. Gordon Gee, President, The Ohio State University

continued on page 2

“Bobby’s uniquely personal approach and visionary leadership have defined the College of Food, Agricultural, and Environmental Sciences for the past two decades.
 Truly, his career has been a calling, and I am deeply grateful that he chose Ohio State as his home,” said E. Gordon Gee, president of The Ohio State University.
Why Is Ohio’s Wine Industry Booming?

College of Food, Agricultural, and Environmental Sciences alumni Andy Troutman (Horticulture, 1996) is a successful vintner in northern Ohio. He’s bottling white and red, but his roots are scarlet and gray.

“Ohio State has been an integral part of the success of our business,” said Troutman, co-owner of The Winery at Wolf Creek near Akron, and vintner and co-founder of Troutman Vineyards in Wooster.

Decades of grape and wine research by the Ohio Agricultural Research and Development Center and outreach by Ohio State University Extension have “not only allowed us to plant varieties and develop products that we think will have long-term viability in Ohio, but having that resource essentially in our backyard has been vitally important to the long-term success of our business,” he said.

“We can see what’s been grown there” — at OARDC’s Wooster campus, at Ohio State’s South Centers in Piketon, and at OARDC’s Ashtabula Agricultural Research Station near Lake Erie — “what’s been successful, and we can translate that into a commercial setting and make it...
RESEARCH LEADS TO SAFER FOOD

Foodborne illness kills about 3,000 Americans annually. Though raw leafy greens are among the riskiest foods, that could change thanks to research at the Ohio Agricultural Research and Development Center.

“Leafy greens are porous. That porosity makes it easy for pathogens to enter the leaf,” said microbiologist Ahmed Yousef. Currently, processors use liquid sanitizers on greens before packaging.

“But research shows liquid sanitizers are not always effective, and sometimes make the problem worse,” said food engineer Gonul Kaletunc.

Air pockets make the problem worse,” said food engineer Sudhir Sastry. Gaseous sanitizers — ozone and chlorine dioxide — and determining when it would be best to use them: perhaps during vacuum cooling or possibly during transport.

“If we apply the right techniques in the right place at the right time, we really can improve the safety of produce,” Sastry said.

And industry is grateful: “Everyone knows that a new sanitizing technology is necessary,” said Bobby Jones of The Chef’s Garden in Huron. “This research will benefit growers of leafy greens nationwide — but the fact that this work is being done in Ohio gives us a competitive advantage.” Jones said the research works hand-in-hand with the development of the Ohio Produce Marketing Agreement, a collaborative effort to write food-safety standards between the Ohio Department of Agriculture, the Ohio Produce Growers and Marketers Association, and Ohio State.

Learn more at http://go.osu.edu/leafy

MARTHA FILIPIC

OARDC, FORD PARTNER TO TEST NEW APPLICATIONS FOR RUSSIAN DANDELION RUBBER

In the not-so-distant future, you may be driving a car made with a U.S.-grown, alternative source of natural rubber developed by the Ohio Agricultural Research and Development Center. And we are not talking just tires here.

One of the world’s largest automakers, Ford Motor Co. has joined forces with OARDC to test Taraxacum kok-saghyz, or TKS — a plant native to the former Soviet republics and commonly known as Russian dandelion — as a substitute for synthetic rubber used in plastic parts such as cup holders, floor mats, and interior trim.

“We’re always looking for new sustainable materials to use in our vehicles that have a smaller carbon footprint to produce and can be grown locally,” Ford research engineer Angela Harris said.

“Dandelions have the potential to serve as a great natural alternative to synthetic rubber in our products.”

Ford will perform testing of OARDC-supplied TKS rubber for characteristics such as strength, softness, impact resistance, durability, aging resistance, elasticity, and memory — potentially using it as a modifier to help improve the impact strength of plastics.

OARDC crop scientists and engineers have been working during the past few years on developing a commercially viable crop from TKS seeds and an effective way to extract rubber from the plant’s fleshy roots — which can contain 15 percent or more of the sticky substance.

In 2012, OARDC will establish a pilot-scale processing plant for solid rubber, latex, and film products. Several acres of dandelion will also be planted to supply the processing plants and expand testing.

In addition to Ford, project business partners include Bridgestone, Cooper Tire, and Veyance Technologies. Also involved are the University of Akron, Oregon State University, and the U.S. Department of Agriculture. Learn more at http://www.oardc.osu.edu/penra. MAURICIO ESPINOZA

very successful for our operation,” said Troutman, who’s an Ohio 4-H alumnus as well. “We can utilize that information to make good decisions. It’s a great advantage to our overall operation.”

And Ohio’s wine business, overall, is booming. The number of wineries here has nearly doubled in the past 14 years, from 75 to 148, the Ohio Department of Agriculture says. The industry provides 4,000 jobs, generates $60 million in tax dollars every year, pays $124 million in wages, and has a total impact on Ohio’s economy of $580 million.

Troutman’s operations alone have added 26 part-time and full-time jobs in the past 10 years, a tenfold jump from a humble start. CFAES, then and now, is an ally. “As the vineyard expands and we sell more bottles of wine, we add more jobs,” Troutman said. “We’re adding quality jobs to the local economy.”

More information, including video, at http://go.osu.edu/DxG. KURT KNEBUSCH
Ohio 4-H isn’t specifically designed to prepare young people for the workforce. But in many ways, it helps its more than 315,000 members in Ohio develop exactly the skills employers desire.

“When 4-H members work on a project, they’re doing more than just delving into a specific topic,” said Tom Archer, Ohio State University Extension assistant director for youth development. “They’re learning how to take something from beginning to end and to share it with others along the way.”

David Vollette agrees. Vollette is an Ohio 4-H alumnus who became a champion dog breeder, including breeding the top-winning Labrador of all time. His Labradors have won Best of Breed at Westminster — twice.

“The best thing about 4-H is not just focusing on your hobby or your passion, but it gives you a way of learning responsibility and learning to be competitive,” Vollette said.

Skills identified as vital to workplace success include professionalism and a strong work ethic; oral and written communications; teamwork and collaboration; and critical thinking and problem solving. In 4-H, children and teens practice such skills whenever they work on a project and present it to club members, take on leadership roles, and work with others.

“Employers tell us 4-H members are more independent workers, and they tend to care about their co-workers,” Archer said. “That’s no surprise to us.”

4-H Skills Translate into On-the-Job Success

in addition:

• Every year, about 2,500 Ohio teens act as 4-H camp counselors, undergoing 24 hours of training beforehand. From 2009 to 2011, 4-H piloted a modified curriculum designed to explicitly communicate the workforce skills the counselors gained through the training. Those who participated improved significantly in thinking skills, communication, teamwork and leadership, initiative, and professionalism.

• Adventure Central, an after-school and summer program offered by Ohio 4-H and the Five Rivers MetroPark in Dayton, developed the six-month Job Experience and Training (JET) program to give young people real work experience. “JET helps them learn what’s expected in the world of work,” said Nate Arnett, the program’s Extension educator.
ECO FARMING: A NEW FARMING SYSTEM FOR THE 21ST CENTURY

Everyone has an opinion about conventional tillage versus no-till. Ohio State University Extension, in conjunction with the Natural Resources Conservation Service and the Ohio No-Till Council, has developed a third tillage system for farmers to consider.

“ECO Farming stands for Eternal no-till, Continuous living cover, and Other best management practices,” said Jim Hoorman, assistant professor with OSU Extension. “In other words, absolutely trying to eliminate tillage as much as possible.”

Hoorman, along with Ray Archuleta of NRCS’s East National Technology Service Center, Ohio No-Till Council President Dave Brandt, and Mark Scarpiti, Ohio NRCS agronomist, collaboratively defined the ECO Farming concept. The team introduced ECO Farming to producers through a series of field days in August.

“Continuous living cover means that farmers try to keep a living crop on the soil 100 percent of the time,” Archuleta said. Examples include grain crops followed by cover crops, pasture or hay systems, or perennial plants. “The goal is to protect the soil from soil erosion, increase water infiltration, and decrease nutrient runoff.”

Other best management practices (BMPs) include the concept of controlled traffic, water table management where applicable, manure management, and integrated pest management (IPM).

“This system closely mimics natural cycles in virgin soils by feeding the microbes,” said Hoorman, who also is an agriculture and natural resources educator for OSU Extension. “You have 1,000 to 2,000 times more microbes associated with live roots.”

Plants supply 25 to 40 percent of their carbohydrate reserves to feeding the microbes, which in turn recycle nitrogen, phosphorus, and water back to the plant roots. This natural process improves soil structure and increases water infiltration and water storage.

The ECO Farming innovators insist that for farmers to accept this system, it must be economically viable, and in the long run should also be ecologically sound and environmentally sustainable. They say this system appears to have all three attributes. ■ ANDY VANCE

EXTENSION EDUCATION IS KEY IN SHALE GAS DECISIONS

“I’ve been with Extension for 27 years, and I’ve never seen anything like this,” said Stephen Schumacher, Ohio State University Extension educator in Belmont County.

The same could be said in much of the eastern half of the Buckeye State, where reserves of oil and natural gas in Marcellus and Utica shale wait to be drawn out from rock deep below the surface.

The development could mean thousands of Ohio jobs and a potential windfall for landowners contracting with oil and gas companies. But landowners also need to fully understand the highly complex leases that could last for generations, and public officials often need guidance on community implications as well.

Extension is providing such help. As of fall 2011, Schumacher and Extension colleagues have organized more than 40 programs attracting nearly 5,300 Ohioans.

“OSU Extension takes a non-biased approach to this issue,” said Schumacher. “We just try to provide education that people need so they can make good decisions.”

Such efforts are appreciated by a vulnerable public. Fred Schwarz of Licking County was approached by a “landman,” or middleman, offering him $10 an acre to lease the mineral rights on his land.

“We got offered a lease, but I wasn’t comfortable with it,” Schwarz said. Though some neighbors signed up immediately, Schwarz started investigating. A paralegal suggested that he contact Extension, and he got in touch with Schumacher.

“He set the matter straight,” Schwarz said. “As an outside person who doesn’t have a stake in this game, his word had a lot of influence. It made all the difference in the world.” Schwarz is now organizing a landowners group in Licking County to pool their resources and influence in leasing their land.

Learn more at http://go.osu.edu/Extshale. ■ MARTHA FILIPIC
Study Reveals
the Power and Promise of Agriculture

Agriculture and the agbiosciences provide crucial economic growth and job creation opportunities in the United States, according to a new study from Battelle, a Columbus, Ohio-based research and development organization.

Released in August, “Power and Promise” found that land-grant universities address many of the world’s most critical issues. “World population is projected to increase from 7 billion to 9.3 billion in just 19 short years. With increasing population, increasing income levels, and new uses for crops, we may need to double food production to meet the demand,” said Keith Smith, director of Ohio State University Extension and associate vice president for agricultural administration.

“The study, initially proposed by Ohio State, looked at the value of the agbiosciences in 12 North Central region states, including North Dakota, South Dakota, Nebraska, Kansas, Minnesota, Iowa, Missouri, Wisconsin, Illinois, Indiana, Michigan, and Ohio. “In our science and technology-based economic development practice at Battelle, we have observed the consistent rise of agbioscience as a core driver of economic growth and business expansion opportunities for the United States,” said Simon Tripp, lead author of the study. “This is an extremely dynamic sector, leveraging sustainable biobased resources to produce goods that meet large-scale market needs.” The full report, as well as other information, is available online at http://nccea.org/documents/powerandpromiseweb.pdf. SUZANNE STEEL

While the North Central states represent just 21 percent of the U.S. landmass, they provide:

- 2.4 million ag-related jobs
- 80% of soybean and feed grain production
- 45% of U.S. livestock exports and agricultural export production
- Two of the top five seed genetics companies
- Two of the top agricultural equipment manufacturers
- 88,000 ag-related companies, from manufacturing to provision of services
Three Departments Have New Leaders

The College of Food, Agricultural, and Environmental Sciences has welcomed three new department chairs in recent months.

Scott Shearer began as chair of Food, Agricultural and Biological Engineering on July 1. A native of Tipp City, Ohio, and an alumnus of the department (BS 1981, MS 1983, and PhD 1986), he most recently served as professor and chair of the Department of Biosystems and Agricultural Engineering at the University of Kentucky. His research focuses on precision agriculture technologies.

Richard Linton began as chair of Food Science and Technology on August 15. He arrived from Purdue University, where he served as professor of food safety and director of the Center for Food Safety Engineering. He and Shearer plan to work together to meet with food processors around the state to foster more collaboration and research to meet their challenges.

Terry Niblack began as chair of Plant Pathology on August 16. She previously served as professor in the Department of Crop Sciences at the University of Illinois. Niblack, whose research has focused on the soybean cyst nematode, will guide the department as it begins a new undergraduate degree in plant pathology and a new master’s degree in plant health management. Niblack plans to teach the introductory plant pathology course beginning in autumn 2012, when the university converts to a semester calendar.

“All three of our new chairs are recognized as leading scientists in their fields,” said Bobby Moser, vice president of agricultural administration and dean of the college. “With their experience, knowledge, and vision, I’m confident they will help us move their departments and the college toward eminence.”
WALKING IN THE PATH OF EXCELLENCE

Named Distinguished University Professor in 2011, Rattan Lal exemplifies what CFAES is all about.

During his 20-year tenure at the helm of the College of Food, Agricultural, and Environmental Sciences, Dean Bobby Moser has challenged his faculty to do work that not only sets them apart in their field nationally and internationally — but also, in the spirit of the land-grant university mission, makes a difference in people’s lives.

Rattan Lal’s 24-year career at The Ohio State University has been a steady, resounding answer to that call for excellence. And last April, the university chose to reward his career with its highest recognition for individuals with truly exceptional records in teaching, research, and service: Distinguished University Professor.

“Dr. Rattan Lal has raised the stature of this institution with work that is world-renowned and of enduring significance,” Ohio State President Gordon Gee said. “Emanating from a laboratory in Columbus, his insights have reduced hunger on the other side of the globe. He is the epitome of a Distinguished University Professor. Like the soil he studies, he is essential.”

A soil scientist in the School of Environment and Natural Resources and director of the Carbon Management and Sequestration Center, Lal has dedicated his life to looking for ways to improve agricultural productivity and sustainability — studying soil fertility, climate change, and the restoration and rehabilitation of degraded soils.

“When people are poverty stricken, desperate, and hungry, they pass on their sufferings to the land,” Lal told the university’s Board of Trustees upon accepting his award. “Thus, it is essential to make sustainable soil management be not only an important engine of economic development, but also be integral to any strategy that addresses issues of food insecurity, increases in energy demand, declines in environment quality, and increases in risks of global warming.”

Read more at http://go.osu.edu/LalAward. ■ MAURICIO ESPINOZA

COLLEGE AMBASSADORS: GOOD FOR RECRUITMENT, PERSONAL GROWTH

For Darryl Pronty, an animal sciences major from Cleveland, being a member of the College of Food, Agricultural, and Environmental Sciences’ Ambassadors Team has been “one of the highlights of my collegiate career.”

Pronty is one of 27 current CFAES students — 14 newly selected in 2011 — who support the critical goals of recruitment and industry relations on behalf of the college. They carry on this work, however, a little differently than admissions staff. For Jill Tyson, coordinator of prospective student services at CFAES and advisor to the Ambassadors Team, that’s the point of the 12-year-old program.

“The ambassadors bring a student’s perspective, a student’s touch,” said Tyson, who was herself an ambassador during her years as an undergraduate student at CFAES. “Because of that, they can relate to prospective students in a way staff and faculty may not.”

Because they are “a professionally poised” group of students who are carefully selected following an application and interview process, Tyson explained, ambassadors also serve a public relations role interacting with parents during campus tours and representing the college at industry-related activities.

Pronty also sees the diversity of the Ambassadors Team as an asset to the college. “Unlike many of the other team members, I come from an urban background,” he said. “Prospective students from an urban background who might be interested in our college, then, have a person to relate to. I feel that in a way I help expand areas of recruitment for CFAES.”

The team is not only good for the college, but also for the students who volunteer their time. “Each time that I get together with the team I learn something new,” Pronty said. “CFAES has greatly contributed to my personal growth and has provided me with opportunities that I don’t think I could have gotten elsewhere. Being part of this team is one of them.”

Learn more about the Ambassadors Team at http://go.osu.edu/E9k. ■ MAURICIO ESPINOZA

The Ambassadors are CFAES’s student face for recruitment and industry relations.
As the college moves from a quarter- to semester-based system in 2012, there’s much more in store than changes on the calendar.

As part of the transition, departments in the College of Food, Agricultural, and Environmental Sciences reviewed their curriculums. Among the changes that resulted:

- The college is offering three new majors: culinary science, meat science, and plant pathology.
- The major in agricultural and extension education has split into two: agriscience education and community leadership.
- Current majors in crop science, landscape horticulture, and turfgrass science have combined into one: sustainable plant systems.
- ATI is offering four new associate of science programs: agricultural systems management, biochemical sciences, sustainable agriculture, and renewable energy.

In addition, several new minors also have been approved, especially in environment and natural resources, said Jill Pfister, assistant dean, Academic Affairs, as well as a new dairy certificate program, and a veterinary technician specialization in Animal Sciences in which a student can earn both a bachelor’s and an associate degree of applied science at Columbus State Community College. Additional changes are being made in the graduate programs, she said.

“The university uses CFAES as an example of a college that really did take the transition seriously and didn’t just convert our classes to a semester system,” Pfister said.

The adoption of the semester system is occurring at universities and colleges across the state. Initiated by the Ohio Board of Regents, the move will make it easier for students to transfer between Ohio schools. Being on semesters also eases administrative tasks somewhat, Pfister said: “There will be three graduations and three master schedules per year, not four.”

Advisors are helping current students navigate their way from quarters to semesters, Pfister said. And a student-developed website, http://myswitch.osu.edu, offers additional guidance.

Jeffory Hattey has joined the College of Food, Agricultural, and Environmental Sciences as an assistant dean of academic programs.

He was previously a professor of soil and environmental sciences and the Dillon and Lois Hodges Professor of International Agriculture at Oklahoma State University, where he received numerous awards for his work as a teacher and advisor. A primary goal in his new position, he said, “is to ensure the faculty and students in the college are globally recognized for their excellence in academics and research. The transitional period higher education is experiencing is a tremendous opportunity for CFAES to enhance its reputation as the land-grant to the world by preparing students to solve global 21st-century problems.”

He said a second goal is to enhance student mentoring in academics, research, and outreach to prepare them for graduate school and career leadership. “A final goal,” Hattey noted, “is to assist CFAES faculty as they design and deliver effective educational programs for this new paradigm where students work with international peers via virtual and traditional classrooms.”

Also at Oklahoma State, he was undergraduate academic and advising coordinator in the Department of Plant and Soil Sciences, director of the Environmental Sciences Program, and chair of the General Education Assessment Task Force. His awards include the 2010 Soil Science Society of America’s Soil Science Education Award and the 2008 U.S. Department of Agriculture’s Southern Region Excellence in College and University Teaching in the Food and Agricultural Sciences Award. “I look forward to learning about the dreams, ambitions, and goals of others in CFAES, then helping them chart a path to ensure those dreams become reality,” he said. “I’m excited to be a part of the outstanding tradition of excellence built by the faculty, staff, and students of Ohio State and to make some small contribution to the legacy for the next generation.”

Martha Filipic

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Current majors in crop science, landscape horticulture, and turfgrass science have combined into one: sustainable plant systems.
ATI is offering four new associate of science programs: agricultural systems management, biochemical sciences, sustainable agriculture, and renewable energy.
The Agricultural Technical Institute has been awarded an Advanced Technological Education grant from the National Science Foundation for a program entitled “Bioenergy: A Model Workforce Education Program.” The three-year grant will provide $762,416 to develop a new associate of science degree and certificate program in bioenergy and offer professional development programs for 120 high school and college educators.

A number of state and national partners will be involved in the grant activities. Partners include OARDC and CFAES, the BioHio Research Park, the National Resource Center for Agriscience and Technology Education (AgrowKnowledge), the quasar energy group, Genahol, Gerber Poultry, the Metropolitan Sewer District of Greater Cincinnati, ATI’s Business Training and Educational Services unit, Shisler Conference Center, area chambers of commerce, Wayne County and Miami Valley career centers, Green Energy Ohio, and the Ohio Department of Education.

The new bioenergy program will be offered beginning in autumn 2012 to coincide with the conversion to semesters. The program will prepare students for employment in operations management or maintenance of bioenergy facilities and related businesses. Over the next three years, regional employers stated that they intend to hire 90 full-time and 60 part-time employees with bioenergy training.

Principal investigators for the grant are Steven Neal, ATI associate director, and Shahrokh Rahnema, professor and chair of ATI’s Arts, Sciences, and Business division. ATI received one of about 75–90 Advanced Technological Education grants awarded. Nearly 250 proposals were submitted to the National Science Foundation for consideration.

Frances Whited
ATI TO LAUNCH RENEWABLE ENERGY DEGREE PROGRAM

With the conversion to semesters in autumn 2012, the Agricultural Technical Institute will offer a new associate of science program in renewable energy, with specializations in bioenergy and solar and wind energy. The $1 million in grant funding ATI has received will provide support for the bioenergy specialization.

Before new courses can be taught, of course, the course content must be developed, and this activity will be supported by the USDA grant. The grant provides funds to bring industry and education leaders in the bioenergy field from throughout the United States to the ATI campus. These subject matter experts will assist in the development of the bioenergy curriculum.

The NSF grant will provide support in the form of personnel, laboratory equipment, and learning resources such as books, DVDs, and other media. A half-time laboratory technician and a full-time faculty member will be hired. The faculty member will serve as coordinator of the bioenergy specialization and teach a number of new courses that will be developed, such as Introduction to Renewable Energy (a course that will serve both specializations), Bioconversion Systems, Biomass Feedstock Evaluation and Analysis, and Renewable Energy Projects Planning, Development, and Operation.

The faculty member and laboratory technician will develop laboratory exercises and hands-on experiences utilizing equipment that will be purchased with NSF and USDA grant funds, including incubators, hand-held data acquisition devices, scale model anaerobic digesters, and gas chromatographs.

New courses that will be developed for the solar and wind energy specialization include small-scale and large-scale solar energy systems.

A teaching laboratory for solar and wind energy is also in the works, and ATI is currently in the process of developing partnerships with solar and wind energy companies to equip the instructional laboratory and support the program’s need for solar panels, wind turbines, and related technology. ■ FRANCES WHITED

USDA GRANT PROVIDES MORE THAN $280,000 TO SUPPORT BIOENERGY CURRICULUM

The USDA, through its National Institute of Food and Agriculture, has awarded the Agricultural Technical Institute a two-year grant for $281,509 as part of the New Era Rural Technology Competitive Program. The goal of this program is to help technical schools and community colleges prepare the educated workforce needed for the expanding bioenergy industry.

The grant brings together three partners: ATI, the Ohio BioProducts Innovation Center, and the Ohio Soybean Council Foundation. The Ohio BioProducts Innovation Center will manage the grant, while the Ohio Soybean Council Foundation will help promote the academic program that will be developed by ATI with USDA funds.

The USDA grant will also provide support for a half-time faculty member in bioenergy, laboratory and teaching supplies and equipment, and funds for marketing and student recruitment. ■ FRANCES WHITED

EDUCATOR WORKSHOPS SEEK TO FILL WORKER PIPELINE

According to a recent article in Manure Manager, the world biogas plants market is expected to reach $8.98 billion by the year 2017. That kind of industry growth will necessitate two types of pipelines — a literal one to transport the production of bioenergy facilities, and a metaphorical one to provide a stream of educated bioenergy workers.

It’s that metaphorical pipeline that the Agricultural Technical Institute is hoping to service with an educator professional development program that is an integral part of both the NSF and USDA grants.

Over the next three years, approximately 120 high school and college educators will be brought to the ATI campus for a two-day workshop geared toward helping them understand both the bioenergy industry and the career options available to their students — careers for which the new renewable energy degree program can prepare these students.

As part of the workshop, educators will tour the quasar energy group biodigester and engage in some hands-on activities that they can take back to their own classrooms and laboratories. ■ FRANCES WHITED
Welcome to the Team

Sarah Johnson joined the College of Food, Agricultural, and Environmental Sciences development team in February 2011 as the senior associate director of development. Prior to returning to her home state of Ohio, Johnson served as the director of development for the Foundation for Seminole State College of Florida. In her current role, she is responsible for major gift fundraising for ATI, the Ohio Agricultural Research and Development Center as well as the Ohio BioProducts Innovation Center. Johnson completed her bachelor’s degree at Heidelberg University and her master’s degree at Bowling Green State University. Over the last seven months, she has met many dedicated alumni and friends and looks forward to helping the college accomplish its goals through philanthropy.

Thank You for Your Commitment to Students

The Ohio State University and the College of Food, Agricultural, and Environmental Sciences are dedicated to helping students enter and stay in school. In response to challenging economic times, the university launched its Students First, Students Now initiative on January 1, 2009. It ended on June 30, 2011, with CFAES exceeding its goal by 15 percent and raising $3,220,894 towards scholarships, emergency loans, and other aid funds. Overall, the university exceeded its fundraising goal of $100 million for Students First, Students Now by raising $116,147,028.

As 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.”

Many thanks to the college’s alumni and friends for your generous support in helping make so many dreams come true.

You can continue support for students by visiting www.giveto.osu.edu or calling the college’s Office of Development at 614-292-0473.

The Secrest Arboretum, located at the college’s Wooster campus, celebrated its continuing recovery from tornado damage on Friday, September 16, 2011, the storm’s one-year anniversary. Over 100 of the more than 430 donors to the arboretum’s renewal attended the event, which was held in the John Streeter Amphitheater. Total donations to the arboretum’s renewal fund stand at more than $400,000, said OARDC Director Steve Slack, with $150,000 still needed to hit the fund’s goal. Noted during the ceremony was an earlier $300 donation by students at the Montessori School of Wooster, who were in attendance. “That says a lot about our future,” Slack said, “and it’s a pretty exciting future.” Ohio’s Master Gardener Volunteers added some icing to the cake. The group surprised Ken Cochran, the arboretum’s program director, with a check for $50,084 to go toward the arboretum’s renewal efforts. Coupled with 2,080 hours of in-kind labor valued at $43,784, the group’s total donation to the arboretum equals $93,868. “It’s been quite an experience” to be part of the arboretum’s recovery, said Erik Draper, an OSU Extension educator who works with the volunteers, in presenting the gift to Cochran. “We’re so grateful for the work you do.” In all, cash donations came from Master Gardeners in 38 Ohio counties. Receiving such support, Cochran said, is “one of the most rewarding parts of my job. (But) it’s your arboretum. We’re here to facilitate however we might. We use the term ‘public-private partnership.’ We’re all in it together.”

An EF-2 tornado hit the arboretum, the Ohio Agricultural Research and Development Center of which it’s a part, and nearby homes on September 16, 2010, causing an estimated $25 million to $30 million in damage to the campus alone. The arboretum lost about 1,600 trees. So far, workers and volunteers have replanted some 1,000 new trees.
I’ve often said that one of the best parts of my job is that it brings me close to so many alumni who share the love of Ohio State that I have.

Since I’ve been president and CEO of the Alumni Association, I’ve met countless graduates who are impressive in so many ways. I’ve met people who excel in just about every field and in about every corner of the world. A great majority of Ohio State’s strength lies in its dedicated alumni, and that has only become clearer to me as I’ve spent more time working at the association.

In addition to their tremendous professional achievements, our graduates consistently do things to support Ohio State and make it proud. They donate their time, talent, and treasure in the name of the university, and I have a tremendous amount of appreciation for those efforts. I feel like I am indebted to Ohio State for all the good it has helped create in my life, and it is obvious that many of our alumni feel the same way.

But appreciation is not a one-way street and that is one of the big reasons why Ohio State has engaged in our current Celebrating Alumni initiative. If you aren’t familiar with what we’ve been doing, then you are really missing out on wonderful stories about our graduates, their love of Ohio State, and how they’ve taken the wealth of opportunity available at the university and turned it into life success.

Our Alumni in Action feature (http://go.osu.edu/AlumniInAction) is drawing attention to the great work our clubs and societies do in the name of Ohio State. We’ve spotlighted some outstanding groups and will continue to do so over the next year.

I am personally really thrilled about the feature “100 Buckeyes You Should Know” (http://go.osu.edu/100Buckeyes). Several CFAES alumni have been featured, including the very first alum in the series, Dr. Adipala Ekwamu (Plant Pathology 1992). These profiles have done a solid job of giving you a quick look at some of our most accomplished graduates and the work they do to make our world a better place.

And the alumni video features (http://go.osu.edu/CelebratingAlumniVideos) are short but impactful and give graduates, including Karl Kisner, 1990, a chance to talk about the special role that Ohio State has played in their lives.

So far, I have been really impressed with the way the entire Ohio State community has rallied around the Celebrating Alumni initiative. You can play a role, too. If you know of an alum who should be featured, feel free to send our staff an e-mail at community@ohiostatealumni.org. We’ve already heard some wonderful stories of alumni accomplishments that we didn’t know about, and we hope to hear more as this effort continues.

Our alumni are the best. And again, let me say thank you for continuing to make Ohio State proud. —Archie
Thirteen Alumni to be Recognized at March Awards Luncheon

The CFAES Alumni Society announces the selection of 13 recipients for recognition at its annual Alumni Awards Luncheon on Saturday, March 3, 2012, at the Fawcett Center, 2400 Olentangy River Road. Honorees will be recognized in Meritorious, Distinguished, International, and Young Professional categories beginning with a reception at 11:00 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 can be reserved using the form on the next page.

MERITORIOUS SERVICE TO THE COLLEGE

L. H. Newcomb (PhD, Agricultural Education, 1973), Hilliard, Ohio, on being recognized for his 35 years of service as teacher, mentor, researcher, department chair, and associate dean of the college. He is also recognized nationally as a master teacher and consultant on college structure and teaching effectiveness.

DISTINGUISHED ALUMNI AWARD

Blaine A. Crosser (BS, Dairy Science, 1976; MS, Agricultural Economics, 1977), Marysville, Ohio, is being recognized for 33 years of exceptional service and leadership at Select Sires, Inc., and for his dedication in developing and improving the Guernsey breed.

Constance Cullman (BS, Agricultural Economics, 1990; MS, Agricultural Economics, 1992), Indianapolis, Ind., is being honored for her dedication to the advancement of global agriculture, and for her advocacy for the tools necessary to meet the world’s growing demand for food and fiber through a variety of work assignments with several agencies.

John C. Foltz (BS, Agricultural Economics, 1979; MS, Agricultural Economics, 1981), Moscow, Idaho, is being honored for his distinguished career as a professor, student advisor, and more recently as associate dean and director of academic programs in agriculture at the University of Idaho.

Kreg Leymaster (PhD, Animal Science, 1977), Clay Center, Neb., is being recognized for his outstanding record in animal genetics, specifically in sheep and swine, and for his quantitative and genomic methods in large-scale experiments to estimate genetic effects on key traits conducted while a scientist with the U.S. Meat Animal Research Center since 1978.

Karen H. Milley (BS, Food Science, 1979), Orrville, Ohio, is being recognized for her innovation in combing a unique blend of science and marketing, and also for her innovation in the effective launches of new products with the J. M. Smucker Co., RJR Nabisco, and General Mills, Inc. over a 30-year career in the food industry.

Edward W. Osborne (PhD, Agricultural Education, 1982), Gainesville, Fla., is being honored as a distinguished faculty member, a highly respected national scholar and leader in his profession, and chair of agricultural education at the University of Florida.

Rick D. Rudd (BS, Agricultural Education, 1985; MS, Agricultural Education, 1988), Blacksburg, Va., is being honored for his service as a professor, scholar, and college administrator at Virginia Tech, and for his outstanding record of awards and accomplishments over his 26-year career.

INTERNATIONAL ALUMNI AWARD

ByungRyul (Barry) Choi (PhD, Animal Sciences, 1996), Seoul, Korea, is being recognized as a leader in Korea for his outstanding career in feeds and animal nutrition, and for his continued contributions as an animal researcher and consultant in the animal industry.

Yung-Chul Kim (PhD, Human and Community Resource Development, 2004), Paris, France, is honored for his professional experience as an educator in Korea and for his outstanding work with the United Nations Educational, Scientific and Cultural Organization (UNESCO).

YOUNG PROFESSIONAL AWARD

Heather Biehl (BS, Agribusiness and Applied Economics, 2000), Fayetteville, N.C., is being honored for her significant fast start in the meat industry initially with Tyson Fresh Meats and now with Merck Animal Health where she is national account manager in Packer Relations and Food Affairs.

Shantanu Yousef (MS, Food Science and Nutrition, 2006), Schaumburg, Ill., is being honored for his work in advocating health and wellness at PepsiCo, and for the development of 15 new products within the past three years utilizing new flavors such as guacamole, sea salt, and pepper.

Congratulations to all of our alumni award recipients for 2012. Join us on March 3 to salute your friends, family, mentors, or teachers.
CFAES Alumni Society’s Gold Star

The CFAES Alumni Society was one of eight receiving Gold Star Society recognition from the OSU Alumni Association at the Alumni Leaders Conference on September 23. This was our first Gold Star level recognition and was made possible in part by our alumni’s generous support of the Alumni Society Undergraduate Scholarship (Fund #622310).

Fallfest 2011

Nearly 350 people joined us in the Agricultural Administration Building Auditorium for Fallfest 2011.

The CFAES Alumni Society thanks 2011 donors:

- Amanda Hills
- Pure Spring Water
- American Dairy Association Mideast
- Andy Vance
- Bob Evans Farms, Inc.
- Borden Dairy of Cincinnati
- Certified Angus Beef
- Giant Eagle
- Instantwhip
- Kroger Co.

and the many contributors to the Silent Auction for Alumni Scholarships

Fallfest 2012 will be October 6, 2012. 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.
Dean’s Corner

Bobby D. Moser
Vice President for Agricultural Administration and Dean, College of Food, Agricultural, and Environmental Sciences

If it were a country, Facebook would be the world’s third largest.

Today, people are more likely to learn of breaking news via Twitter than traditional news outlets. Search for Social Media Revolution 3 by Erik Qualman at http://www.youtube.com. This quick video explains the amazing power of social media.

Those of us who started our careers thinking Selectric typewriters with automated corrective type was the bee’s knees can have a hard time getting our minds around social media. But clearly, it’s a force that allows us to reach more people, more quickly, than we ever fathomed. For example, a tweet I posted about mosquito and malaria research — with a link to additional information — reached 26,231 people, simply because a handful of fellow tweeters found what I said interesting, and shared it with their followers.

Our college is adopting social media tools to help us with our land-grant mission of extending information from the university and getting it into the hands of people who can use it.

Join us. Follow me on Twitter: @bobbymoser, and check out our Facebook pages, blogs, and other Twitter feeds at http://cfaes.osu.edu/interact/.

@BobbyMoser