

BLUE LETTER

The University of Arkansas Cooperative Extension Service Monthly Letter

No. 3710 • June 2011

FROM THE DIRECTOR

From the deadly tornadoes and high winds of April 15, to the waves of heavy rain in May that caused rivers to flood cities and thousands of crop acres, Extension personnel proved themselves capable of responding quickly and effectively.

As the extent of the needs became clear from our news gathering efforts, Dr. Deborah Tootle, community development, worked closely with communications, county agents and faculty to collect and send highly targeted information to agents whose clientele needed it immediately. Communications became the source for bringing the agriculture perspective to the public, first to Arkansas media, then expanding to national and international media outlets.

When I asked Mary Hightower to survey faculty and county agents about the estimated loss in farm production, you quickly responded.

Your quick response provided invaluable information that was passed along to federal and state legislators, policy makers and agencies to help them assess the need for aid in Arkansas.

I've always been proud to be part of Extension, but following your response to destruction brought by tornadoes and floods, I am especially grateful to be associated with professionals driven by a desire to help others.

– Tony Windham

Information flow key in disaster response

Information is critical when disaster strikes, and county extension agents and faculty played a key role in getting information where it was needed the most.

“On-the-ground condition reports from agents to communications touched off a disaster response that enabled Extension to collect and provide to agents and others in the field with disaster recovery fact sheets, replanting schedules and other information that would be most helpful to producers and property owners,” said Bob Reynolds, director of communications and marketing.

Communications worked in partnership with Deborah Tootle, associate professor-community and economic development, to coordinate a disaster response for employees and clients. Tootle responded to specific county agent needs in deploying information most needed at the moment, including sources of federal disaster aid and fact sheets developed following the events of 9/11.

“Ironically, our Extension network was to be tested in April and May as part of two national disaster drills tied to the New Madrid Seismic Zone during the bicentennial of some of the largest earthquakes ever to hit the United States,” said Tootle. “We opted out of the drills because we had a real disaster on our hands.”

Tootle worked closely with extension agents and faculty to collect and send highly targeted information to agents who needed it quickly.

“The lessons learned this spring will be put into action as Extension refines the model of what its role is and should be in terms of disaster response,” Tootle said.

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University of Arkansas,
United States Department of
Agriculture, and County
Governments Cooperating

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DR. TONY WINDHAM
Associate Vice President
for Agriculture-Extension

Tootle has applied for Smith-Lever grant money to look at Extension's response and create opportunities to bring more disaster preparation and recovery information to our employees and our clients. These opportunities include symposia to help growers better understand contracts and insurance in light of disasters and to update disaster materials Extension created in the wake of 9/11.

In addition to issuing up to four news stories a day, communications fielded calls for help in flood coverage from national and international news agencies including The Associated Press, Reuters and Deutsche Press Agentur.

Thanks go to the following Extension personnel for their reporting, photography and willingness to field interviews from the media – on top of the immediate needs to help their clients:

Craig Allen, staff chair, Poinsett County
Gerald Alexander, (retired) staff chair, Hempstead County
Mike Andrews, staff chair, Randolph County
Ron Baker, ag agent, Clay County
Grant Beckwith, ag agent, Arkansas County
Stan Carter, staff chair, Independence County
Hank Chaney, staff chair, Faulkner County
Randy Chlapecka, staff chair, Jackson County
Bobby Coats, professor/agricultural policy analyst
Laura Connerly, instructor-family resource management
Mitch Crow, staff chair, St. Francis County
Tracy Easterling, administrative specialist, Madison County
Archie Flanders, assistant professor-agricultural economics
Dave Freeze, staff chair, Mississippi County
Herb Ginn, staff chair, Lawrence County
Wally Goddard, professor-family life specialist
Robert Goodson, ag agent, Philips/Lee counties
Brent Griffin, staff chair, Prairie County
Caroll Guffey, forestry associate
Mike Hamilton, ag agent, Crittenden County
Margaret Harris, assistant professor-health
Leigh Helms, 4-H agent, Faulkner County
Darrin Henderson, staff chair, Madison County
Jason Kelley, associate professor-wheat and feed grains
Wes Kirkpatrick, staff chair, Desha County
Berni Kurz, staff chair, Washington County
Jerri Lephiew, ag agent, Ouachita County
Becky McPeake, professor-wildlife
Keith Martin, ag agent, White County
Ralph Mazzanti, rice verification coordinator
Gene Milus, professor-plant pathology
Chad Norton, staff chair, Lincoln County
John Pennington, ag agent, Washington County

Keith Perkins, ag agent, Lonoke County
Don Plunkett, (retired) staff chair, Jefferson County
Willie Price, interim director-APAC
Jeremy Ross, assistant professor-soybean
Donna Rothberg, director-human resources
Stewart Runsick, area agronomist-rice
Jaret Rushing, ag agent, Calhoun County
Robert Seay, staff chair, Benton County
Scott Stiles, instructor-risk management
Eugene Terhune, staff chair, Poinsett County
Tom Troxel, associate department head, animal science
Easter Tucker, associate professor-nutrition ■

Benefits Manager Lynda Lee retiring

Her signature should be familiar to every Extension employee. Her kindness and understanding of options available to help Extension employees in difficult situations or to help build a more solid financial footing in retirement has left an impression on countless co-workers.



Since 2004, Lynda Sue Lee has served as benefits manager, responsible for the wide range of employee benefits, including tuition discounts, health insurance and retirement plans.

“Lynda probably has the most challenging job in the Human Resources Office because she deals every day with very personal issues – an employee's illness, a family member's death, insurance coverage in divorce situations, retirement questions,” said Donna Rothberg, director of Human Resources. “Employees who need assistance with sensitive problems know they can count on Lynda to help them quietly and confidentially.”

“Extension administration values the fact that Lynda successfully balances the interests of Extension with an effective advocacy for individual employees,” Rothberg said.

Lee joined extension in 2001 as an administrative office supervisor. She previously worked for the state Education Department and the Lonoke Public Schools.

“We send Lynda our heartfelt thanks for a job well done and best wishes for a wonderful retirement,” Rothberg said. “We'll miss you!” ■

Four UACES employees earn national award

Katie Teague, county extension agent, Washington County; Jane Maginot, program associate-urban storm water education, Washington County; Trish Ouei, county extension agent - urban storm water education, Benton County, and Mary Hightower, assistant director of communications and marketing, have been named national winners by the National Association of County Agricultural Agents in the Learning/Module/Notebook category for their environmental self-assessment guide, LakeSmart.

The LakeSmart environmental self-assessment notebook was designed to engage shoreline residents along Beaver Lake in minimizing their contribution of nutrients, sediment, bacteria and other pollutants to the lake.

The lake serves as the drinking water supply for more than 350,000 Arkansans and is a recreation and tourism destination generating \$34 million annually.

A series of LakeSmart cove workshops have been conducted for lakeside neighbors to consider and discuss

the importance of their property management as the last line of defense surrounding the lake. Workshop participants work through the 57-page LakeSmart self-assessment notebook, beginning with a quick 22-question checklist to help them identify potential pollution risks.

Their confidential responses then guide lake residents to topical chapters with more detailed assessments and descriptions of Best Management Practices that will help them reduce runoff and minimize their water quality impacts.

Written evaluation comments include, “gives interesting facts and checklist gives opportunity to look at your personal situations”...“introductory checklist helpful to identify priorities”...“introduced things I wouldn’t have thought of, like pet waste,” and “I found the information on runoff pollutants particularly useful.”

As the program continues, plans are underway to expand the guide to address watershed-wide management decisions and actions. ■

Bumpers College scholarships available

Below are just a few of the scholarships available to students attending the Dale Bumpers College of Agricultural, Food & Life Sciences. This list shows those that may be of interest to Cooperative Extension Service employees. More information can be found at <http://bumperscollege.uark.edu/39.htm> or by contacting Patti Sanders at 479-575-2596.

Scholarship	Criteria
Agriculture Beginning Scholars	AFLS incoming freshmen, 4-H Record Book Winners, high ACT & GPA.
Bald Knob Agriculture Science Scholarship	From Bald Knob or White County; incoming freshmen must have at least a 23 ACT; current students must have a 3.0 cum GPA or higher; financial need and extracurricular activities to be considered. Preference for HORT may be considered.
Boy’s 4-H House Alumni Scholarship	Need and academics considered. Prefer male with 4-H experience.
Guisse-Spitze Scholarship	AEAB majors – incoming freshman from Berryville High School awarded \$1000.
Lester Elliott Endowed Scholarship	Current or former 4-H members.
Lucille and Delton Maloch Endowed Scholarship	Preference: Children of Cooperative Extension personnel, need and academics considered.
Olen and Mary McKnight Endowed Award	Student from Van Buren County or Clinton High School.

ReNewYou classes help employees lose weight and lower blood pressure

Employee wellness programs have taken off in the United States in recent years, and a growing body of research shows these programs can improve employees' health and work productivity, reduce health spending and achieve a positive return on investment.

During the past few months, several Extension employees have been learning about lifestyle practices that lead to healthy weight. Abby Hereford, nutrition program technician, coordinated and taught the lunchtime classes with assistance from Katie Holland, nutrition program associate.

Strength training classes were offered throughout the 15 weeks by LaVona Traywick, assistant professor – gerontology, with assistance from Trina Jackson, FCS administrative specialist. Margaret Harris, assistant professor-health, taught the last class on stress and its effect on health.

Screenings offered before and after the 15-week program revealed that 11 of the 16 graduates, 69 percent, lost weight. The average weight loss was seven pounds. Ten of 16 participants, 63 percent, lowered blood pressure and nine, 56 percent, lowered cholesterol. The two participants who lost the most weight also participated in *Walk Across Arkansas*.

Participants were provided with lots of ideas and resources for healthy eating and active living.

Participant Reviews

- ▲ “It changed my whole perspective and got my blood pressure down.”
- ▲ “I am eating healthier.”
- ▲ “You provided great usable info.”
- ▲ “The topics and support were great.”
- ▲ “Having a buddy to exercise with helps.”
- ▲ “The class touched on a lot of basics, but it was helpful to be reminded.”
- ▲ “I thought the classes were great.”
- ▲ “I needed this to get back on track.” ■

New Online Master of Science Degree in Agricultural and Extension Education (MS-AEED)

The Dale Bumpers College of Agricultural, Food and Life Sciences has signed an agreement to join AG*IDEA, a consortium of universities collaborating in the teaching of graduate courses through distance education. The first program to be offered will be the Master of Science in agricultural and Extension education (AEED). The multi-state agreement allows the sharing of unique courses among universities to produce a high-quality graduate experience.

The agreement means students can be guaranteed courses each semester. The agreement allows students to complete their degree through online courses, eliminating the need to travel to campus for classes. Curriculum will be available by using courses and expertise from other universities.

Students will have the option to enroll in areas of concentration of limited availability at the University of Arkansas, such as agricultural communication, leadership, instructional technology or program development. A greater variety of faculty instructors and students from multiple universities will be involved in each class.

Please contact the AEED graduate coordinator, Don Johnson, at dmjohnso@uark.edu for more information. ■

Save the Date!



ARKANSAS
RICE EXPO
OUR BUSINESS IS GROWING.

AUG. 4, 2011
RICE RESEARCH AND EXTENSION CENTER
2900 HWY 130 EAST • STUTTGART, AR
TOURS: 10 A.M. – NOON

RICE RESEARCH AND EXTENSION CENTER
2900 HWY 130 EAST • STUTTGART, AR
TOURS: 10 A.M. – NOON

- The newest varieties and results from NST*R.
- Equipment demonstrations.
- The latest on University-developed hybrid rice.
- 4-H shooting sports and other fun activities.

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Robison, Distinguished Alumni



Dr. Judy Robison, UACES distinguished grants officer, was recognized as the distinguished alumni during University of Central Arkansas' twenty-fourth annual Family and Consumer Science alumni luncheon held April 22 at UCA.

Robison received her B.S.E. degree in family and consumer sciences, formerly home economics, in 1973 from UCA, her M.S. in 1975 from Southern Illinois University, with a major in family economics and management, and she completed her Ph.D. in consumer science from Texas Women's University in 1989.

She has been a member of the faculty at the University of Arkansas Cooperative Extension Service since 1974, beginning as county Extension agent trainee in Fayetteville. She moved to the State Office in 1978 as a 4-H program specialist.

In 1994 she became the distinguished grants officer where she currently serves. A colleague writes, "As Extension grants administrator, she has been instrumental in obtaining over \$40 million in grant funding for projects benefiting families and youth. In fact, she was the very first Arkansan to be awarded a USDA-funded grant for at-risk youth in the Arkansas Delta."

Junior master gardeners receive grant

The Bradford Junior Master Gardeners has been awarded a \$1,000 grant. This grant was made possible in part by the Arkansas Community Foundation in partnership with the Blue and You Foundation for a Healthier You.

The grant will be used to purchase equipment and supplies to create a vegetable garden on the Bradford School District campus. The goal of the project is twofold, to teach students the importance of learning gardening techniques and to incorporate healthy foods in their diets.

A huge thank you goes to master gardener Jean Norris for researching the grant and passing that information on to master gardener Kaye Winningham. Kaye completed the application and has received the check in the mail already!! ■



Master gardener Kaye Winningham is pictured with the Bradford Junior Master Gardeners.

Columbia County Forward completes e-strategic plan

Congratulations to the Columbia County Forward Steering Committee for their hard work in completing their e-strategic plan. A pilot county with *Connect Arkansas*, this initiative has had significant Extension involvement, including County Staff Chair Danny Walker serving on the steering committee, Mark Peterson facilitating the process and workshops in the county led by Kim Magee and Stacey McCullough.

Over 700 citizens and leaders were involved in developing the plan, which is available on the *Connect Arkansas* website www.connect-arkansas.org/. Although the plan has just been completed, accomplishments to date include UAMS sending teams to the Magnolia Regional Medical Center to share new telemedicine opportunities, an e-agriculture seminar for local farmers, an e-Bay short course for local businesses and an e-government seminar to plan for a new county government website.

"Columbia County Forward has increased awareness of the opportunities with the Internet," states Danny Walker. "And we look forward to a lot of things happening here because of it." ■



Columbia County Forward Steering Committee at their April 13 celebration, including Extension faculty Mark Peterson, Kim Magee and Danny Walker.

Meet the *new* employees

NaShanda Nashay Brown
Program Assistant-EFNEP
Jefferson County



What's your background?

I am a 29 year old from Milwaukee, Wisconsin, where I grew up in the projects where most African-Americans fail to do anything with their lives or get caught up with gangs and drugs. That wasn't me. I graduated from Milwaukee High School of the Arts, June of 1999. I started college, fall 2000, at the University of Arkansas at Pine Bluff but left spring 2001 to help my ill mother. I worked at TCF National Bank and took classes at Milwaukee Area Technical College to keep me focused on school. I returned to UAPB, fall 2004, and graduated with a B.S. in human development and family studies, December 2009. I am grateful that I completed what most people said I never would.

What knowledge, skills and/or experience are you bringing to Extension?

The knowledge that I am bringing to Extension is that I love to teach others what has been taught me. Skills that I have are I'm a people person, hard worker and dedicated to educating others.

What would you like to accomplish your first year at Extension?

My first year with Extension I would like to accomplish getting my families, youth and others for EFNEP and succeed well in being a program assistant.

What brought you to Extension? What was it about Extension that you value?

I really didn't know about Extension until my advisor at UAPB, Mrs. Rita Conley, suggested I look at the Extension website. That's what I did, and I became very interested in the program assistant job based on what I read.

What are your interests or hobbies outside work?

My hobbies outside of work are being with family and friends, shopping, going to the movies and working out. ■

Linda Chappell
County Extension Agent -
Family and Consumer Sciences
Newton County



What's your background?

I attended the University of Arkansas-Fayetteville and graduated with a B.S. in family and consumer science education and a Master of Science in vocational educational and a teaching certification. Extension came on campus recruiting, and I started in Union County as a 4-H agent. I have worked in several counties and gained experiences in each county that have made me a better agent: Union, Scott, Madison, Benton, Carroll and now Newton.

What knowledge, skills and/or experience are you bringing to Extension?

I am returning to Extension after a 15-month position at the Arkansas Department of Health as a CPA (Competent Professional Authority) where I determined nutrition risk eligibility, provided nutrition education, prescribed and wrote checks for food packages for each participant where I gained a better understanding of the nutritional and financial needs of young families.

What are 1 or 2 things you would like your colleagues to know about you?

I went to college after I had my four children because Hugh Plumlee, the Extension agent in Carroll County encouraged and advised me to.

What would you like to accomplish your first year at Extension?

Even though I am in my 16th year in Extension, my first year in Newton County, I hope to be a resource for our families and that residents will turn to the Extension Service for education and leadership development assistance.

What brought you to Extension? What was it about Extension that you value?

Since I have had great opportunities and have tried other careers besides Extension, I fully believe that the service we offer is vital and varies each day. I LOVE being able to tell folks, "I can do almost anything I want, as long as it helps people."

What are your interests or hobbies outside work?

My hobbies center around 11 grandchildren who live in Carroll and Washington counties and gardening. ■

FAQ on Computer Purchases

■ Why do we restrict the options?

For each different computer IT supports, we keep a complete set of software in the event we need to reset your computer. This occurs much more frequently than you may realize. Today we support more than 40 different computer models. That's about the maximum number we can handle effectively.

Additionally, the state negotiates prices and maintenance agreements that obligate us to use that agreement in exchange for favorable pricing.

■ What if I have a special requirement for a different type of computer?

To request an exception, send an e-mail to the IT Director (sboyster@uaex.edu) stating why your needs cannot be met with one of our listed computers. Examples of approved exceptions include medical reasons, special project requirements, software restrictions and other unique needs.

■ How do I know which ones I can buy?

In Spot, the "Call Center & IT" tab has a link on the right side of the screen named "Dell Premier." This link takes you to the detailed instructions for ordering and the link to the Dell Computer site.

On the Dell site you'll find the approved systems as well as a list of customizations if you need to change the standard features for special needs.

■ Do we still have to ship it to the LRSO first?

No. Dell preloads the software for direct shipment to the new owner. When you receive it, contact the Call Center, and we will schedule a convenient time with you to complete the setup.

Be sure to acknowledge receipt of your computer through Financial Services to ensure timely payment to the vendor. ■

Length of Service Awards

Length of Service Awards were presented at the Support Staff In-Service Training held at the C. A. Vines 4-H Center on May 5-6, 2011.



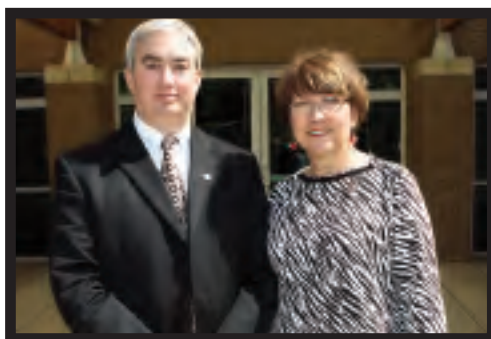
10 Years of Service. Pictured left to right: Shannon George, Tony Windham, Robert Graves.



20 Years of Service. Pictured left to right: Jo Ann Fish, Pam Ferrill, Tammy Farnam.



5 Years of Service. Pictured left to right: Ty Thomas, Meegan Houston, Tony Windham, Chris Russell, Jackie O'Donnell.



15 Years of Service. Pictured left to right: Tony Windham and Debbie Henry.



35 Years of Service. Pictured left to right: Reba Hawkins, Tony Windham, Sherry Funderburg, Vickie Huddleston.

Personnel Changes

Please welcome the following:

Linda F. Floyd-Chappell

County Extension Agent - Family and Consumer Sciences, Newton County, effective May 2, 2011.

Lisa S. Collins

Program Assistant - ANNCD, Jefferson County, effective April 1, 2011.

Amoree McGowan

Administrative Specialist, Animal Science, effective May 23, 2011.

Extension says goodbye to:

Robin C. Abreo

Program Associate, Community and Economic Development, effective May 20, 2011.

Gerald W. Alexander

County Extension Agent - Staff Chair, Ouachita District, effective May 31, 2011.

Brandi Jo Caldwell

Program Assistant, Sebastian County, effective May 6, 2011.

Joel C. Gill

4HRESQ Coordinator, 4H & Youth Development, effective May 13, 2011.

Debra M. Knick

Administrative Specialist, Craighead County, effective April 30, 2011.

John H. McFarland

County Extension Agent - 4-H-Ag, Craighead County, effective May 2, 2011.

Deborah G. Monfort

Program Technician - Soybean, Crop, Soil & Environmental Science, effective May 31, 2011.

Tomeka T. Nolen

Administrative Support Supervisor, Entomology, effective May 19, 2011.

Donald E. Plunkett

County Extension Agent - Staff Chair, Delta District, effective May 2, 2011.

Teresa A. Smith

Administrative Specialist, Animal Science, effective May 5, 2011.

Christopher D. Vammen

Content Management System Programmer, Office of Information Technology, effective May 6, 2011.

Grants and Contracts for Month Ending April 30, 2011

Project Title	Award Amount	Principal Investigator	Granting Agency
4-H National Mentoring Program	41,000.00	Noah Washburn	National 4-H Council
DoD-USDA Partnership: Child Youth Development Support Project	50,000.00	Maureen Rose	Kansas State University
Soybean Weed Control	72,000.00	Bob Scott	Soybean Promotion Board
Soybean Verification	110,000.00	Jeremy Ross	Soybean Promotion Board
Soybean Diseases	47,000.00	Richard Cartwright	Soybean Promotion Board
Technology Transfer	36,000.00	Jeremy Ross	Soybean Promotion Board
Soybean-Soil/Nutrition Management	22,000.00	Leo Espinoza	Soybean Promotion Board
Investigating Emerging Production Recommendations for Sustainable Soybean Production	30,000.00	Gus Lorenz	Soybean Promotion Board
Investigating Emerging Production Recommendations for Sustainable Soybean Production	119,000.00	Jeremy Ross	Soybean Promotion Board
Soybean Real-Time Weed and Disease Alerts	42,000.00	Bob Reynolds	Soybean Promotion Board
Integrated Management of Nematodes	30,000.00	Scott Monfort	Soybean Promotion Board

grants and contracts (cont'd)

Project Title	Award Amount	Principal Investigator	Granting Agency
Rust Fungicides Timing and Rates	3,000.00	Scott Monfort	Soybean Promotion Board
Defining the Spatial Distribution and Movement of Inoculum of <i>Rhizoctonia solani</i> AG-1 for the Precision Management of Aerial Blight on Soybean	3,000.00	Scott Monfort	Soybean Promotion Board
Evaluation of Control Options and Treatment Thresholds for Redbanded Stink Bug (<i>Piezodorus guildinii</i>) in Arkansas Soybean	28,000.00	Scott Akin	Soybean Promotion Board
Developing a New Threshold for Corn Earworm, <i>Helicoverpa zea</i>	12,000.00	Gus Lorenz	Soybean Promotion Board
Newly Emerging Diseases in Double Crop Production Systems in Arkansas	13,000.00	Scott Monfort	Soybean Promotion Board
Evaluation of Control Options and Treatment Thresholds for Redbanded Stink Bug of Soybean in Arkansas	18,000.00	Scott Monfort	Soybean Promotion Board
Newly Emerging Soilborne Diseases in Early Production Systems in Arkansas	29,500.00	Clifford Coker	Soybean Promotion Board
Late-Season Foliar Diseases (Anthracnose/Pod and Stem Blight) and <i>Cercospora</i> sp. Diseases (Frogeye Leaf Spot/ <i>Cercospora</i> Leaf Blight) Management in Full and Double Crop Production System in Arkansas	42,000.00	Clifford Coker	Soybean Promotion Board
Soybean Enterprise Budgets and Production Economic Analysis	9,000.00	Archie Flanders	Soybean Promotion Board
Developing a New Threshold for Corn Earworm, <i>Helicoverpa Zea</i>	12,000.00	Glenn Studebaker	Soybean Promotion Board
Developing a New Threshold for Corn Earworm, <i>Helicoverpa Zea</i>	12,000.00	Scott Akin	Soybean Promotion Board
Effect of Genotype on Severity of Charcoal Rot and Yield in Soybean	1,000.00	Karl VanDevender	Soybean Promotion Board
Streamlining the Disease Screening Effort by Relocation of Existing Stem Canker Screen to Newport and Developing a Technique for Screening for SDS	17,000.00	Scott Monfort	Soybean Promotion Board
Economic Contribution of the Arkansas Soybean Industry	18,000.00	Wayne Miller	Soybean Promotion Board
Achieving Maximum Yield Potential in Soybean	38,000.00	Lanny Ashlock	Soybean Promotion Board
Producing and Maintaining High-Quality Soybean Seed in Arkansas and Grower Education	13,000.00	Jeremy Ross	Soybean Promotion Board
Producing and Maintaining High-Quality Soybean Seed in Arkansas and Grower Education	10,000.00	Scott Monfort	Soybean Promotion Board
Arkansas Discovery Farm Program: Addressing Sustainable Water Issues Associated with Crop Production	17,000.00	Michael Daniels	Soybean Promotion Board
Improving Yield and Yield Stability for Irrigated Soybeans	20,000.00	Leo Espinoza	Soybean Promotion Board
Water Conservation Education Program with Central Arkansas Water	48,742.91	Elisabeth Phelps	Central Arkansas Water
NEFE High School Financial Planning Program	2,000.00	Laura Connerly	National Endowment for Financial Education
Testing and Evaluating of RiceTec Hybrids	10,000.00	Chuck Wilson	RiceTec
Automation of Plant Inventory Processes Using Aerial Systems Approach	6,000.00	Jim Robbins	Agricultural Research Foundation
Development of Management Strategies for New Cotton Cultivars	23,275.00	Tom Barber	Cotton Incorporated
Determining Relative Rainfastness of Insecticides Used for Control of Tarnished Plant Bug in Cotton	18,495.00	Scott Akin	Cotton Incorporated
Determination of Soil Compaction Effects on Cotton Yield in Mid-South Soil Conditions	15,000.00	Karl Vandevender	Cotton Incorporated
The New Transgenics: Will They Be Cost Effective for Arkansas Cotton Growers?	24,364.00	Gus Lorenz	Cotton Incorporated
TOTAL	\$ 1,062,376.91		