

2015

Food and  
Agricultural Sciences  
Excellence  
in College and  
University  
Awards Program

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A COMMUNITY  
*of* SCHOLARS  
HONORING  
EXCELLENCE

# INTRODUCTION

2015 has been an outstanding year for American agriculture and the academic institutions that are part of the Association of Public and Land-Grant University system, including the family of land-grant universities and non-land grant agriculture and resource related universities.

The year marks the 125th anniversary of the Second Morrill Act, which created a “*broader education for the American people in the arts of peace, and especially in agriculture and mechanics arts.*” The Act was signed into law on August 30, 1890.

Names like Booker T. Washington and George Washington Carver dominated the early years of education, research, and extension at the historically black 1890 land-grant universities, but the legacy of innovations they and others created are being sustained to this day by a new generation of scientists and educators.

In line with the axiom ‘*user inspired science transforming lives,*’ 2015 also marks the many great discoveries being made at these universities. These discoveries are being translated into innovations and solutions to address societal challenges, including nutritional security and obesity, extreme weather and droughts, climate change and diminishing water resources, and economic well-being of rural communities.

Opportunities for the next generation of leaders in food, agriculture, natural resources, human sciences, and related fields continue to abound because of the vibrant American agricultural economy. In coming years, there will be tremendous opportunities for the family of land-grant and non-land grant agriculture and resource related universities to step up to the challenge of helping develop the future scientists, extension professionals, and workforce essential to meet the food, fiber, shelter, and fuel needs of the projected 9 billion people who will inhabit our world by 2050.

The National Institute of Food and Agriculture and the Association of Public and Land-Grant Universities have partnered for well over two decades to recognize the extraordinary efforts of educators, teachers, researchers, and extension specialists who are engaged every day in addressing the challenges we face.

The Excellence in College and University Teaching Awards recognize university faculty for engaging and preparing students for the future. The Excellence in Extension Awards recognize individuals committed to programs in lifelong learning and contributions to improving communities. The National Extension Diversity Award acknowledges outstanding



*Sonny Ramaswamy*  
**SONNY RAMASWAMY**

Director, National Institute of Food and Agriculture

efforts and accomplishments within the Cooperative Extension Service to enable and sustain diverse cultures and abilities. Finally, the Multistate Research Award recognizes the collaborative efforts of state Agricultural Experiment Stations working together to address critical, regional needs. These awards honor a group of outstanding recipients who are dedicated to their fields and have made outstanding scholarly contributions. Additionally, these awards recognize the educational, extension, and research system that has long been—and will continue to be—critical to the success of our great nation.

Our congratulations to every member of the family of land-grant and non-land grant agriculture and resource related universities and to the award winners being recognized today.



**MURIEL HOWARD**

President, AASCU



**PETER MCPHERSON**

President, APLU

## PRESIDENTS' LETTER

**D**istilled down to its essence, higher education is a network of people and ideas in exchange with society at large. Seen in this light, educators serve the nexus binding the higher education community together. These remarkable individuals deserve to be recognized for the tremendous contributions they make to their institutions every single day.

Less tangible but no less valuable are the contributions scholars make to society. They inspire curiosity in their students, spark creativity through their research and propel the world forward through service to their communities.

As the presidents of the two associations dedicated to public four-year higher education, we congratulate the 2015 recipients of

the Food and Agriculture Excellence Awards. They have distinguished themselves in a field of hundreds of thousands of men and women who work tirelessly to improve the world through their research, instruction and community engagement. This year's winners are the very embodiment of excellence. As we continue to usher in an era of rapid societal and technological change, the individuals at the core of our universities promise to help shape a future that is better than our present or past. This is made possible only through their uncompromising dedication to excellence and their unrelenting commitment to improving our shared destiny. We warmly congratulate this year's winners and extend our sincere gratitude for their unwavering commitment to excellence.

*E*ducation  
is the  
movement  
from  
darkness  
to  
light.

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ALLAN BLOOM



NATIONAL  
TEACHING  
AWARDS

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2015



## TERENCE J. CENTNER

Professor  
College of Agricultural and Environmental Sciences  
The University of Georgia

The centerpiece of Terry Centner's teaching involves engaging students in their education through rigorous course work and a variety of assignments. In teaching his agricultural and environmental law classes, he employs the Socratic Method. Students learn how to formulate responses to questions, observe how others handle challenging inquiries, and prepare themselves for their future careers. A student wrote, "Rarely does a professor individually engage and challenge every student in the classroom by holding everyone to a higher and more intellectual level of participation and learning."

A leader in curriculum development, Centner proposed and helped develop three majors, three minors, one certificate, and an accelerated bachelor's and master's program. He is a founding member of a planning subcommittee that developed an online agricultural and environmental law certificate program for AG\*IDEA, a national consortium offering online programs. As a Fulbright Senior Scholar in Germany and a Fulbright-Scotland Professor, Centner taught master's students from around the world. His teaching includes presenting lectures at 27 foreign universities.

Centner is a national expert in agricultural and environmental law. The trademark protection for Georgia's Vidalia Onions resulted from his research efforts. He authored a textbook, two other books, and his 150 research papers have been published in more than 95 different journals. As an Alexander-von-Humboldt research fellow in Germany, he expanded his research interests and subsequently has presented his research in 44 foreign countries.

He earned a B.S. from Cornell University, J.D. from S.U.N.Y at Buffalo, and LLM from the University of Arkansas.

## GAREY FOX

Professor and Buchanan Endowed Chair  
Biosystems and Agricultural Engineering  
Oklahoma State University



**K**nown as an inspirational and innovative educator, Gary Fox teaches undergraduate and graduate courses on surface water, groundwater, and their interaction. Fox currently holds the position of professor and Buchanan Endowed Chair in Biosystems and Agricultural Engineering at Oklahoma State University (OSU); he also serves as the Oklahoma Water Resources Center's director and Berry Endowed Professor.

Student engagement is a cornerstone of his teaching philosophy. He gets excited about interacting with students, teaching them the theories and concepts of science and engineering, and challenging them to extrapolate their learning to new problems and issues.

Fox has an exemplary record in curriculum development and outcome assessment, student recruitment, retention, advising, and mentoring students. His teaching and research programs are intricately linked through conducting and publishing teaching-related research on curriculum and program assessment; organizing and hosting an annual, nationwide Student Water Conference; hosting a National Science Foundation Research Experience for Undergraduates; and advising undergraduate research scholars.

In only 12 years in academia, he has received numerous awards: Regent's Distinguished Research Award, American Society of Agricultural and Biological Engineers (ASABE) Educational Aids Award for a video series on Oklahoma water, ASABE Leadership Citation Award, Mortar Board Golden Torch Award, Regent's Distinguished Teaching Award, A.W. Farrall Young Educator Award, Sterling Burks Environmental Research Award, New Holland Young Researcher Award, Halliburton Young Faculty Award, and the James Whatley Award.

Fox received B.S. and M.S. degrees from Texas A&M University and a Ph.D. from Colorado State University.

The whole  
purpose  
of education  
is to turn  
mirrors  
into  
windows.

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SYDNEY J. HARRIS



REGIONAL  
TEACHING  
AWARDS

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2015

## W. MARSHALL FRASIER

Professor  
Agricultural and Resource Economics  
Colorado State University

Marshall Frasier is often characterized by graduating seniors as the faculty member who had greatest positive impact in their college experience. His courses are consistently recognized by students and peers as among the most challenging and demanding in the program, but balanced against a genuine desire to help students meet those challenges. His mentorship and persistent advocacy for self-efficacy in the classroom and beyond sets him apart from his peers.



In his 21 years at Colorado State University, Frasier has taught a dozen different courses at both the undergraduate and graduate level and served as coordinator of undergraduate programs in his department for the past 15 years. He is a demonstrated innovator in and out of the classroom, constantly seeking ways to better motivate and engage students in achieving the greatest take-home outcomes possible. His expertise in curricular development is sought by peers across the department and college.

Frasier's excellence in teaching and mentorship has been recognized through a number of institutional and disciplinary awards including the College of Agricultural Sciences NACTA/Charles N. Shepardson Meritorious Teaching Award, the College's Outstanding Service Award, CSU's Cermak Advising Award, and both the Western Agricultural Economics Association and the Agricultural and Applied Economics Association awards for Distinguished Teaching for both Less Than Ten Years' and More Than Ten Years' Experience.

Frasier earned B.S. and M.S. degrees from the University of Nebraska and a Ph.D. from Washington State University.

## ALAN C. HANSEN

Professor  
Agricultural and Biological Engineering  
University of Illinois at Urbana-Champaign

Alan Hansen cares deeply about students and consistently empowers them to be successful. His interactive approach to classroom teaching and a strong emphasis on hands-on laboratories to illustrate real-world applications are characteristics widely valued by his students, who have highlighted his role as an excellent advisor and mentor in providing guidance ranging from course selection to career goals, internships, and jobs.



After establishing a successful academic career in South Africa, Hansen joined the University of Illinois in 1999 and has been continually recognized for excellence spanning teaching, research, and public engagement in the best tradition of the land-grant university. He has been rated as an outstanding teacher by the campus for 39 courses taught since 2000 and received a number of awards, including the College of Agricultural, Consumer, and Environmental Sciences awards for Excellence in Teaching and Undergraduate Advising and the University of Illinois Award for Excellence in Undergraduate Teaching. He is acknowledged as an international scholar in the areas of agricultural machinery systems and biofuels, having published over 100 journal articles and three textbooks.

Hansen's contributions extend beyond the classroom with his conception of a widely acclaimed program in which University of Illinois students are teamed up with peers at the University of KwaZulu-Natal in South Africa and travel to that country to collaborate on capstone design projects and solve locally identified problems.

He earned B.S., M.S., and Ph.D. degrees from the University of KwaZulu-Natal in South Africa.

## FOY D. MILLS, JR.

Professor and Program Leader  
Agribusiness  
Sam Houston State University

Foy Mills, Jr. is noted among students as connecting the classroom with the real world. A testament to the seamless manner in which he moves between academia and industry consulting, he is constantly “connecting the dots” between theory and practice for students. Whether it is one of his graduates producing research influencing U.S. food policy or recent graduates excitedly telling him that they have repeatedly applied skills learned in his Ag Sales and Consulting course, it is evident he is preparing society-ready graduates.



Mills has devoted his career to serving undergraduates within the non-land grant and private university systems. Currently serving as professor and program leader in agribusiness at Sam Houston State University, he previously served 23 years as a faculty member at Abilene Christian University, 10 of which were as department chair.

Mills’ passion for teaching and faculty and student mentorship has been recognized by receipt of the Non-Land-Grant Agriculture and Renewable Resources Universities’ Distinguished Educator Award and the North American Colleges and Teachers of Agriculture’s (NACTA) Distinguished Educator Award. He received NACTA’s Teaching Award of Excellence, John Deere Award, and Southern Region Outstanding Teacher Award and was recognized as a NACTA Teacher Fellow. Noted for his teaching innovations, he has also received numerous teaching and advising awards at the university and college level.

Mills earned a B.S. with honors from Lubbock Christian University, and M.S. and Ph.D. degrees from Texas Tech University. He is a certified Strengths-Based Educator.

## TIMOTHY D. PAINE

Professor and Entomologist  
Department of Entomology  
University of California–Riverside

During his 28-year career at the University of California–Riverside (UCR), Timothy Paine has taught lecture classes ranging in size from five students in specialized graduate courses to 527 students in core introductory classes. Additionally, he and colleagues developed a class to expose advanced graduate students to approaches for developing life science courses and allow them to practice active learning and scientific teaching approaches.



Paine served as Department of Entomology chair, College of Natural and Agricultural Sciences divisional dean, and program leader for agricultural policy and pest management in the UC Division of Agriculture and Natural Resources. He has mentored teaching faculty, and as a member of the UCR Academy of Distinguished Teachers, is an organizer and participant in the campus Excellence in Teaching seminar series and First Year Faculty Teaching Excellence seminar series. Additionally, he maintains an active and internationally recognized research program.

Paine was named a National Academies Education Mentor in 2014–15 and 2015–16. He received UCR’s 2004 Academic Senate Distinguished Teaching Award and 2010 Academy of Distinguished Teachers Innovative Teaching Award and was a 2013 UCR Distinguished Professor of Teaching. The Entomological Society of America (ESA) awarded him the Pacific Branch Distinguished Achievement in Teaching Award five times and the national society award in 2013. He is a Fellow of both ESA and the American Association for the Advancement of Science.

Paine earned B.S., B.A., and Ph.D. degrees from the University of California–Davis.

Try to learn  
something  
about  
everything  
and  
everything  
about  
something.

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THOMAS HUXLEY

## PATRICIA K. SMITH

Associate Professor  
Biological and Agricultural Engineering  
Texas A&M University

An associate professor and undergraduate program coordinator in Biological and Agricultural Engineering (BAEN) at Texas A&M University, Patricia K. Smith's teaching philosophy relies heavily on the belief that most learning



occurs outside of the classroom. To that end she structures her classes in a way that students are provided with the tools they need to actively engage in their own current and lifelong learning.

During the past 15 years, she has taught eight undergraduate and graduate classes and been consistently highly ranked in her student evaluations. She is active in numerous committees across campus related to curricula and teaching, and has been the major or co-advisor for 13 graduate students and a member of over 35 graduate committees. Her teaching accomplishments have been recognized at the departmental, college, and university levels, including most recently the Association of Former Students University Level Distinguished Achievement Award in Teaching and the Cintron University Professorship for Undergraduate Teaching Excellence.

Smith's research focuses on hydrologic modeling of mixed use watersheds and uncertainty in hydrologic modeling. She is the author or co-author of several peer reviewed publications and in 2011 she and her co-authors were selected for a superior paper award by the American Society of Agricultural and Biological Engineers (ASABE). Smith also holds chair and vice-chair positions in ASABE's Soil and Water division committees.

Smith received B.S. and M.S. degrees from Oklahoma State University and a Ph.D. from North Carolina State University.



NEW  
TEACHER  
AWARDS

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2015

## COURTNEY ALYSSA MEYERS

Associate Professor  
Agricultural Communications  
Texas Tech University

Courtney Meyers possesses energy within her pedagogical style that is dynamic, intelligent, passionate, and inclusive. She teaches undergraduate and graduate courses in Web design, public relations writing, and online media. She also serves as an academic adviser, co-advisor for the Agricultural Communicators of Tomorrow student organization, and teaches a section of Texas Tech's first-year seminar course to help freshmen develop skills for college success.



Integrating service learning, social media, research, and extended travel experiences into her courses has enhanced the critical and creative thinking abilities of her students. Pushing herself and her students toward excellence in every task creates an exceptional learning environment. Her passion, talents, skills, and even her sense of humor have helped students, her colleagues, and others grow as well as receive recognitions for their achievements. Her contributions as an educator are reflected in Texas Tech's recent distinction of ranking as the top undergraduate agricultural communications program in the nation.

Meyers was recently inducted into Texas Tech's Teaching Academy. She received the 2014 Texas Tech President's Excellence in Teaching Award, 2014 College of Agricultural Sciences & Natural Resources Teaching Award, and the 2013 Non-land-grant Agricultural and Renewable Resources Universities Distinguished Young Educator Award.

Meyers earned a B.S. from Kansas State University, M.S. from the University of Arkansas, and Ph.D. from the University of Florida.

## JENNIFER RENEA STRONG

Assistant Professor  
Agricultural Leadership, Education,  
and Communications  
Texas A&M University

Jennifer Strong, an assistant professor of leadership in Texas A&M University's Department of Agricultural Leadership, Education, and Communications consistently shows her passion for teaching and for students. On a daily basis, "Dr. Jen" (as the students refer to her) works on continuous improvements to course curriculum and teaching methods, building relationships with students, researching teaching methods, and inspiring students to achieve more than they would have believed themselves capable.



Combining her passion for leadership with her passion for teaching, Strong has embodied Boyer's (1990) conclusion that scholarship and teaching go hand in hand. By researching the impact of public pedagogy, she has found students assimilate course content knowledge into their lives when a direct correlation is shown. Strong is known for her integration of pop culture and current events into her courses to help show students how leadership is prevalent in their lives.

Strong is active with advancing teaching experiences university-wide. Along with the Center for Teaching Excellence, she helped create the Service-Learning Fellow program, which teaches faculty how to incorporate service learning into the classroom. She is also working with the college's Critical Thinking Academy. Strong is the faculty advisor for the Dr. Joe Townsend '67 Leadership Fellows. This program selects leaders from the College of Agriculture and Life Sciences and gives them direct and advanced experience in leadership and community development.

Strong earned B.S. and M.S. degrees from Texas A&M University and a Ph.D. degree from Oklahoma State University.

# UNIVERSITIES OF EXCELLENCE

As recognized by the Excellence in College and University Teaching Awards

Texas A&M University (14)	University of Wisconsin–Madison (3)
University of Illinois (14)	Washington State University (3)
Kansas State University (13)	California State University, Fresno (2)
University of Florida (12)	Clemson University (2)
Cornell University (10)	Delaware State University (2)
Iowa State University (9)	Langston University (2)
University of Connecticut (8)	Sam Houston State University (2)
University of Georgia (8)	South Dakota State University (2)
North Carolina State University (7)	University of Vermont (2)
Oklahoma State University (7)	Auburn University (1)
Purdue University (7)	California State Polytechnic University, Pomona (1)
The Ohio State University (7)	California State University, Chico (1)
Colorado State University (6)	Florida State University (1)
University of Missouri–Columbia (6)	Illinois State University (1)
New Mexico State University (5)	Michigan State University (1)
University of Arkansas at Fayetteville (5)	Montclair State University (1)
University of Nebraska (5)	North Carolina Agricultural and Technical State University (1)
Rutgers, The State University of New Jersey (4)	North Dakota State University (1)
The Pennsylvania State University (4)	Southern University and A&M College (1)
University of Arizona (4)	Southwest Missouri State University (1)
University of Idaho (4)	Tarleton State University (1)
University of Kentucky (4)	University of California–Riverside (1)
University of Rhode Island (4)	University of Delaware (1)
University of Wyoming (4)	University of Hawaii (1)
Utah State University (4)	University of Maryland, College Park (1)
Virginia Polytechnic Institute and State University (4)	University of Michigan (1)
Louisiana State University (3)	University of Nevada, Reno (1)
Oregon State University (3)	University of North Carolina, Greensboro (1)
Texas Tech University (3)	University of Wisconsin–River Falls (1)
University of California, Davis (3)	West Virginia University (1)
University of Massachusetts (3)	
University of Minnesota (3)	

*( ) denotes number of recipients*

## TEACHING AWARDS SELECTION PANEL

### ALLEN WYSOCKI

College of Agricultural and Life Sciences  
University of Florida

### KAREN JONES

College of Agricultural Sciences  
Southern Illinois University, Carbondale

### MOSES T. KAIRO

School of Agricultural and Natural Sciences  
University of Maryland Eastern Shore

### MARY HOLZ-CLAUSE

College of Agriculture  
California State Polytechnic University, Pomona

# ROLL OF RECIPIENTS

## Excellence in College and University Teaching Awards (2004–2015 only)

### NATIONAL

George Acquaaah  
Langston University, 2007

Teresa C. Balsler  
University of Wisconsin, 2009

Michael J. Boehm  
The Ohio State University, 2010

Donna Marie Brown  
University of Wyoming, 2004

Terence J. Centner  
The University of Georgia, 2015

Daniel L. Civco  
University of Connecticut, 2007

John L. Crompton  
Texas A&M University, 2012

Garey Fox  
Oklahoma State University, 2015

Tiffany Heng-Moss  
University of Nebraska–Lincoln, 2013

Shida R. Henneberry  
Oklahoma State University, 2014

Prasanta K. Kalita  
University of Illinois, 2005

M. Douglas Kenealy  
Iowa State University, 2009

Kerry K. Litzenberg  
Texas A&M University, 2011

Joshua J. Millspaugh  
University of Missouri, 2008

Robert A. Milvae  
University of Connecticut, 2011

Gregory Möller  
University of Idaho, 2014

Gail Romberger Nonnecke  
Iowa State University, 2006

Michael A. Reiter  
Delaware State University, 2005

Rick D. Rudd  
University of Florida, 2006

Candice Ann Shoemaker  
Kansas State University, 2012

Ricky W. Telg  
University of Florida, 2010

R. Elaine Turner  
University of Florida, 2004

Michael Eugene Wetzstein  
University of Georgia, 2013

M. Susie Whittington  
The Ohio State University, 2008

### NORTH CENTRAL REGION

Anna L. Ball  
University of Missouri, 2014

Michael Boland  
Kansas State University, 2008

C. Lee Burras  
Iowa State University, 2011

Ann D. Christy  
The Ohio State University, 2005

Joseph F. Donnermeyer  
The Ohio State University, 2010

Allen M. Featherstone  
Kansas State University, 2011

Janice Jean Haggart  
North Dakota State University, 2013

Alan C. Hansen  
University of Illinois at Urbana–Champaign, 2015

Richard W. Hartel  
University of Wisconsin–Madison, 2011

Tiffany Marie Heng-Moss  
University of Nebraska–Lincoln, 2006

Walter L. Hurley  
University of Illinois, 2014

James B. Kliebenstein  
Iowa State University, 2006

Laurie F. Kramer  
University of Illinois, 2004

Soo-Yeun Lee  
University of Illinois, Urbana–Champaign, 2013

Donald Jiann-Tyng Liu  
University of Minnesota, 2007

Christian Y. Oseto  
Purdue University, 2008

## Excellence in College and University Teaching Awards, continued

Richard C. Schultz  
Iowa State University, 2008

Michael F. Smith  
University of Missouri, 2010

Janice C. Swanson  
Kansas State University, 2004

Daniel U. Thomson  
Kansas State University, 2012

Michel A. Wattiaux  
University of Wisconsin–Madison, 2009

Kimberly A. Williams  
Kansas State University, 2009

Curtis R. Youngs  
Iowa State University, 2014

### NORTHEAST REGION

Louis DeMont Albright  
Cornell University, 2005

Kenneth P. Blemings  
West Virginia University, 2012

John C. “Jack” Clausen  
University of Connecticut, 2013

Ashim K. Datta  
Cornell University, 2011

Paul Heinz Heinemann  
The Pennsylvania State University, 2004

Thomas P. Husband  
University of Rhode Island, 2007

James P. Lassoie  
Cornell University, 2014

Roger Arthur LeBrun  
University of Rhode Island, 2006

David A. Levitsky  
Cornell University, 2009

Rama B. Radhakrishna  
The Pennsylvania State University, 2010

Robert S. Tyzbir  
University of Vermont, 2004

### SOUTHERN REGION

Antoine J. Alston  
North Carolina A&T State University, 2010

Sarah Liberman Ash  
North Carolina State University, 2007

J. Chance Brooks  
Texas Tech University, 2014

David S. Buchanan  
Oklahoma State University, 2006

Dale A. Coleman  
Auburn University, 2011

W. Stephen Damron  
Oklahoma State University, 2007

Kim E. Dooley  
Texas A&M University, 2005

Jason Lee Emmert  
University of Arkansas at Fayetteville, 2004

Molly Espey  
Clemson University, 2012

William Lucas Flowers  
North Carolina State University, 2005

Jeffery A. Hattey  
Oklahoma State University, 2008

Donald Mack Johnson  
University of Arkansas at Fayetteville, 2004

Michael E. Kane  
University of Florida, 2009

Stanley F. Kelley  
Sam Houston State University, 2012

Foy D. Mills, Jr.  
Sam Houston State University, 2015

Douglas C. Needham  
Oklahoma State University, 2006

Lawrence R. ‘Dick’ Oliver  
University of Arkansas, 2009

Carol Elliot O’Neil  
Louisiana State University, 2005

Tracy A. Rutherford  
Texas A&M University, 2014

Jeffrey W. Savell  
Texas A&M University, 2013

Robert L. Shewfelt  
The University of Georgia, 2008

William J. Silvia  
University of Kentucky, 2013

Patricia K. Smith  
Texas A&M University, 2015

## Excellence in College and University Teaching Awards, continued

George W. Wardlow  
University of Arkansas at Fayetteville, 2008

Elizabeth B. Wilson  
North Carolina State University, 2010

### WESTERN REGION

Amin Ahmadzadeh  
University of Idaho, 2007

Janet B. Anderson  
Utah State University, 2006

Kenneth Arthur Barbarick  
Colorado State University, 2004

Stephen Devadoss  
University of Idaho, 2010

Thomas R. Famula  
University of California, Davis, 2012

W. Marshall Frasier  
Colorado State University, 2015

James A. Knight  
The University of Arizona, 2007

Judith L. Li  
Oregon State University, 2005

Timothy D. Paine  
University of California–Riverside, 2015

Dennis T. Ray  
The University of Arizona, 2009

Brian Kent Warnick  
Utah State University, 2013

Karen C. Williams  
University of Wyoming, 2012

Richard Stanley Zack  
Washington State University, 2004

### NEW TEACHER

Leslie Dawn Edgar  
University of Arkansas, 2013

Kellie Jo Enns  
Colorado State University, 2014

Miriam Ferzli  
North Carolina State University, 2011

Jason Hans  
University of Kentucky, 2009

Jennifer L. Hardesty  
University of Illinois, 2008

Julie Fawn Harlin  
Texas A&M University, 2005

David W.W. Jones  
North Carolina State University, 2013

Amy Leigh Kaleita  
Iowa State University, 2007

Tracy Kitchel  
University of Missouri, 2011

Neil A. Knobloch  
University of Illinois at  
Urbana–Champaign, 2007

Roel R. Lopez  
Texas A&M University, 2006

Kyle W. McGregor  
Tarleton State University, 200

Courtney Alyssa Meyers  
Texas Tech University, 2015

Brian E. Myers  
University of Florida, 2008

Maria Navarro  
The University of Georgia, 2012

Franklin Bailey Norwood  
Oklahoma State University, 2005

Haley Franks Oliver  
Purdue University, 2014

Michael S. Retallick  
Iowa State University, 2012

T. Grady Roberts  
University of Florida, 2010

Lori Unruh Snyder  
Purdue University, 2009

Jennifer Renea Strong  
Texas A&M University, 2015

Amanda D. Weaver  
South Dakota State University, 2010



NATIONAL AWARD  
FOR EXCELLENCE  
IN EXTENSION

2015



## JOE OUTLAW

Professor and Extension Economist  
Department of Agricultural Economics  
Texas A&M University

Joe Outlaw, co-director of Texas A&M University Department of Agricultural Economics's Agricultural and Food Policy Center (AFPC), became an extension economist in 1996, a role he still holds with the Texas A&M AgriLife Extension Service. Then, in 1997, he accepted leadership of the agency's Financial and Risk Management (FARM) Assistance Program, which utilizes a decision-support simulation model to predict an operation's financial performance over 10 years.

Outlaw remains involved in oversight of the FARM Assistance Program, but he took on policy education as a primary focus in 2002. His applied research and outreach programs and resources are highly regarded, particularly on the subjects of alternative technologies, renewable fuels, and various agricultural and environmental policies.

As he did with prior Farm Bills, Outlaw made critical contributions to mobilize policy educators, collaborate on curricula, develop a web-based decision aid, and conduct training to support producers nationwide in dealing with the 2014 Farm Bill. His support extends to staff of the U.S. congressional agriculture committees, for whom he often conducts analyses, prepares reports, and presents research results.

Judging by the 600-plus invited presentations he has been asked to present, Outlaw has been a highly effective educator. He has garnered more than \$23.5 million in grants and contracts and has more than 350 research and extension publications.

Outlaw earned B.S., M.S., and Ph.D. degrees from Texas A&M University.



REGIONAL AWARDS  
FOR EXCELLENCE  
IN EXTENSION

2015

## 1890 REGION

### VIRGINIE ZOUMENOU

Associate Professor & State Extension  
Nutrition Specialist  
1890 FCS Program /EFNEP Director  
University of Maryland Extension

**A** bilingual, Virginie Zoumenou, serves as program director for the 1890 Family & Consumer Sciences program (FCS) and the Expanded Food and Nutrition Education Program (EFNEP).



Zoumenou joined the University of Maryland Extension (UMES) in 2006 and has since developed, conducted, and evaluated the nutrition and health programs and research projects in three counties, reaching approximately 900 youth and 250 families annually. And, as a program director and principal investigator, she developed partnerships with 1862 and 1890 institutions and many other organizations, receiving approximately \$1,500,000 in grants and authored several abstracts and peer-reviewed articles.

Starting in 2009, Zoumenou developed and implemented an ongoing successful childhood obesity prevention program for preschoolers. She initiated the Center for Obesity Prevention at UMES, serving preschoolers, their caregivers, and their siblings.

Zoumenou received the White House President's Volunteer Service Award in 2010 and 2012 and the 2013 Robert F. Allen Symbol of H.O.P.E. Award for working with diverse populations. She serves as director-at-large for the Society of Nutrition Education and Behavior, as co-chair for the 1890 EFNEP coordinators, and is a member of several committees at the 1862 and 1890 institutions, the U.S. Department of Agriculture, and the National Institute of Food and Agriculture.

Zoumenou earned a doctorate at National University of Abidjan–Cote d'Ivoire and Ph.D. at Florida International University–Miami.

## NORTH CENTRAL REGION

### JULIE GARDEN-ROBINSON

Professor and Food and Nutrition Specialist  
North Dakota State University Extension Service

**J**ulie Garden-Robinson develops educational programs and conducts research in the areas of nutrition, food safety, and health.



After completing a degree in dietetics with a minor in music and a master's degree in food science,

Garden-Robinson earned her doctorate in cereal chemistry and food technology, with a minor in biochemistry at North Dakota State University in Fargo. She has worked as a food and nutrition specialist since 1994, and she has used her multidisciplinary educational background in forming teams with health, nutrition and exercise sciences, education, plant sciences, horticulture, 4-H, animal science, pharmacy, sociology and 16 commodity groups, government, and professional groups.

With collaborative multistate groups, Garden-Robinson has helped secure more than \$12 million in external funding and developed numerous prize-winning educational programs for people of all ages and for diverse population groups. She has written a weekly column, "Prairie Fare," since 1997 and began writing a weekly blog in 2012.

She was recently named a Fellow of the Academy of Nutrition and Dietetics, and she is the past-national chairwoman of the Food and Nutrition Extension Education Division of the Society for Nutrition Education and Behavior. She served as president of the North Dakota Nutrition Council twice and currently serves on the Journal of Extension board and as a member of the national Chronic Disease Prevention and Management Action Team.

Garden-Robinson earned her B.S., M.S., and Ph.D. at North Dakota State University.

## NORTHEAST REGION

### CHANGLU WANG

Associate Extension Specialist  
Department of Entomology  
Rutgers, The State University of New Jersey

Changlu Wang's work involves research, teaching, and extension in urban pest management, with a focus on developing new and improved urban pest management technologies through the study of biology, behavior, and ecology of urban pests. His goal is to identify cost-effective and environmentally friendly solutions that will immediately benefit the consumers.



In 2007, Wang began to study bed bug biology and control and became a nationally and internationally known authority on bed bugs. He is the coauthor of an award-winning invention, the Insect Interceptor Device. This device is currently one of the most effective and affordable bed bug monitors used in the United States.

Wang's extension program delivers research-based urban pest management technologies to pest management professionals and the public through presentations, field demonstrations, and extension publications. His team has visited more than 4,000 low income homes through education, pest inspection, and free pest treatment, resulting in high level of pest reduction and pesticide use reduction. He has obtained 15 external grants from multiple sources within the last five years; published six books/book chapters, 53 peer-reviewed papers, and 21 non-peer reviewed articles; and coauthored four patents. Most of his publications are based on applied research that can be used immediately by the public.

Wang received a B.S. at Beijing Forestry University, M.S. from the Chinese Academy of Forestry, and a Ph.D. from West Virginia University.

## SOUTHERN REGION

### DERRELL S. PEEL

Charles Breedlove Professor of Agribusiness  
Agricultural Economics Department  
Oklahoma State University

Derrell Peel is the Charles Breedlove Professor of Agribusiness in Oklahoma State University's (OSU) Department of Agricultural Economics. Additionally, he has served as the extension livestock marketing specialist at OSU since 1989, after previously serving as the superintendent of the Southeastern Colorado Range Research Station in Springfield, Colorado. His main extension program areas at Oklahoma State University include livestock market outlook and marketing and risk management education for livestock producers. He teaches undergraduate courses, advises graduate students, and collaborates on numerous research projects.



Peel also works in the area of international livestock and meat trade with particular focus on Mexico and Canada and the North American livestock and meat industry. He lived in Mexico on sabbatical in 2001 and has developed an extensive knowledge of the Mexican cattle and beef industry and the economics of cattle and beef trade between the United States and Mexico.

Peel is recognized nationally and internationally as an authority on livestock economics and trade. His continuous livestock market situation analysis is regularly used by the media, and he is in high demand as a conference and workshop speaker for presentations on cattle markets and trade.

Peel holds B.S. and M.S. degrees from Montana State University and a Ph.D. from the University of Illinois.

Education  
is what  
remains  
after  
one has  
forgotten  
what  
one has  
learned in  
school.

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ALBERT EINSTEIN

## WESTERN REGION

### DANA MARTIN

Extension Regional Administrator  
Oregon State University Extension Service

Dana Martin is recognized as a leader who exhibits resilience, vision, and ingenuity in everything she does. Her “we can do it” attitude sparks interest and maintains momentum in addressing Oregonians’ needs.



As an Oregon State University (OSU) regional administrator, Martin often works best in times of challenge as she strives to form new partnerships and expand funding opportunities to support program delivery. As a supervisor, she looks for the best in people, helping them to achieve important goals and outcomes.

Martin was appointed to her administrative position in 2011. Prior to this, she served as county staff chair with a program focus in agriculture where she developed the Small Farms program in Central Oregon. As part of the Oregon Small Farms team, she helped create the nationally acclaimed “Growing Farms: Successful Whole Farm Management” series, now an online program. Martin began her extension career in 1998 as a 4-H Youth Development faculty member.

As lead of the Government Relations and Advocacy special assignment, Martin was instrumental in providing guidance and generating enthusiasm for building strong relationships with extension’s state legislative partners. She organized and facilitated the first-ever OSU Statewide Day at the Capitol, bringing together stakeholders from across campus and the state. This effort contributed to the successful \$14 million increase for the OSU Statewide Public Service Programs, the first programmatic increase adopted by the legislature since 1999.

Martin was recently honored as the 2015 recipient of the Alberta B. Johnston Award for Extension Leadership in Oregon.



NATIONAL  
EXTENSION  
DIVERSITY  
AWARD

2015



## TEXAS GROW! EAT! GO! PROGRAM

Texas A&M AgriLife Extension Service

To reverse unhealthy weight trends and prevent initial weight gain in children, Texas A&M AgriLife Extension educators recognized the need to develop an effective, replicable approach to broaden outreach among diverse youth and their families. In Texas, one in three children, including almost half of Hispanic children, is overweight or obese.

Collaboration and a successful grant proposal led to a pilot program and research study called Texas Grow! Eat! Go! (TGEG)—a culturally sensitive, school-based intervention that harnessed Extension assets in garden, nutrition and physical activity education, most notably from AgriLife Extension’s award-winning, bilingual Junior Master Gardener and Walk Across Texas programs. Conducted primarily in urban Title 1 elementary schools, TGEG youth enrollment was 46 percent Hispanic and 25 percent African American, with 44 percent indicating family food insecurity.

Evaluation showed significant change in children trying, consuming and preferring vegetables; increased moderate to vigorous physical activity; decreased screen time; and significant increases in water consumption and availability of fresh fruits and vegetables in the home. Obesity rates fell from 57 percent pre-intervention to 39 percent post-intervention.

This evidence-based program, which also engaged families and volunteers, provides an interdisciplinary model to reduce childhood obesity and expand outreach among targeted youth. Now the program is being introduced across Texas and nationwide through train-the-trainer workshops and an English/Spanish curriculum called “Learn! Grow! Eat! Go!” available through the international Junior Master Gardener network (<http://jmgkids.us/LGEG>).

Visit [www.bitly/TGEGaward](http://www.bitly/TGEGaward) for more information and complete TGEG program credits.

# AWARD FOR EXCELLENCE IN EXTENSION

## NATIONAL

Elizabeth L. Andress  
The University of Georgia, 2012

G. A. 'Art' Barnaby, Jr.  
Kansas State University, 2009

Barbara Chamberlin  
New Mexico State University, 2011

Jeffrey T. Edwards  
Oklahoma State University, 2013

Ronald J. Hustedde  
University of Kentucky, 2007

Robert L. Kallenbach  
University of Missouri, 2014

Joe Outlaw  
Texas A&M University, 2015

Edwin G. Smith  
University of Nevada Cooperative  
Extension, 2006

Marilyn J. Smith  
University of Nevada, 2008

Alison Van Eenennaam  
University of California, Davis, 2010

## 1890 REGION

Fitzroy 'Roy' D. Bullock  
Tennessee State University, 2009

Kevin Crenshaw  
Alabama A&M University, 2012

Henry English  
University of Arkansas at Pine Bluff, 2014

David Heikes  
University of Arkansas at Pine Bluff, 2010

Irene K. Lee  
University of Arkansas at Pine Bluff, 2006

Thelma Sanders-Hunter  
Tennessee State University, 2007

Marion F. Simon  
Kentucky State University, 2013

Claudette L. Smith  
North Carolina Agricultural and  
Technical State University, 2011

Nathan M. Stone  
University of Arkansas at Pine Bluff, 2008

Virginie Zoumenou  
University of Maryland, 2015

## NORTH CENTRAL REGION

William J. Angell  
University of Minnesota, 2009

Frederick P. Baxendale  
University of Nebraska–Lincoln, 2007

John DeFrain  
University of Nebraska–Lincoln, 2010

Rick Funston  
University of Nebraska–Lincoln, 2014

Julie Garden-Robinson  
North Dakota State University, 2015

Kimberly A. Greder  
Iowa State University, 2013

Richard K. Koelsch  
University of Nebraska–Lincoln, 2006

Kathleen A. Lodl  
University of Nebraska–Lincoln, 2011

Richard J. Rasby  
University of Nebraska–Lincoln, 2008

Fred Whitford  
Purdue University, 2012

## NORTHEAST REGION

Chester Arnold  
University of Connecticut, 2009

Elaine Bowen  
West Virginia University, 2013

Jerome L. Frecon  
Rutgers, The State University of  
New Jersey, 2008

Elizabeth "Betsy" Greene  
University of Vermont, 2011

Walter E. Kee, Jr.  
University of Delaware, 2007

Barbara M. O'Neill  
Rutgers, The State University of  
New Jersey, 2006

Chad Ripberger  
Rutgers, The State University of  
New Jersey, 2010

## Award for Excellence in Extension, continued

Richard W. VanVranken  
Rutgers, The State University of New Jersey, 2014

Changlu Wang  
Rutgers, The State University of New Jersey, 2015

### SOUTHERN REGION

Clark D. Garland  
University of Tennessee, 2010

Robert C. Hochmuth  
University of Florida, 2006

Denise M. Holston-West  
Louisiana State University, 2013

John S. Jacob  
Texas A&M University, 2014

Garry D. Lacefield  
University of Kentucky, 2008

Mark L. McFarland  
Texas A&M University, 2009

Derrell S. Peel  
Oklahoma State University, 2015

Nancy M. Porter  
Clemson University, 2007

Tom A. Vestal  
The Texas A&M University System, 2012

Lisa Whittlesey  
Texas A&M University, 2011

### WESTERN REGION

Michael Bondi  
Oregon State University, 2010

Mary E. Burrows  
Montana State University, 2012

Susan Donaldson  
University of Nevada, 2006

Daniel L. Fagerlie  
Washington State University, 2009

Brian J. Higginbotham  
Utah State University, 2013

Dana Martin  
Oregon State University, 2015

Donald B. Meehan  
Washington State University, 2008

Marcia R. Ostrom  
Washington State University, 2007

Madeleine Sigman-Grant  
University of Nevada Cooperative Extension, 2014

Michael P. Vogel  
Montana State University, 2011

*I* learned the value  
of hard work  
by working hard.

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MARGARET MEAD

# NATIONAL EXTENSION DIVERSITY AWARD

Cesar Asuaje  
University of Florida, 2014

Kathy Castania  
Cornell University, 2003

Marilyn Corbin  
The Pennsylvania State University, 2005

Curtis Gear  
University of Wisconsin, 1996

Susan Given-Seymour  
Northwest Indian College  
Cooperative Extension, 2013

Jeff G. Hart  
University of Nebraska–Lincoln, 2007

Patreese Ingram  
The Pennsylvania State University, 2000

Clint Jacks  
Oregon State University, 1993

Hector Mendiola  
Utah State University, 2009

Michigan State University, 1999

Juan Moreno  
University of Minnesota, 2004

James Oliver, University of Illinois  
Cooperative Extension Service  
University of California  
Cooperative Extension Service  
University of Maine Cooperative Extension  
Service Task Force on Diversity, 1991

Raygene Paige  
Mississippi State University, 1997

Hiram Palmertree  
Mississippi State University, 1995

People of the Land  
University of Nevada, 2011

Francis Price  
Utah State University, 1998

Rural Agricultural Improvement and  
Public Relations Project  
New Mexico State University Cooperative  
Extension Service, 2008

Ann Schauber  
Oregon State University, 2006

Tuyet Seethaler, Utah State University  
Los Angeles County Cooperative  
Extension Service Staff Team  
Michigan State University Cooperative  
Extension Service, 1992

Texas Cooperative Extension, 2002

Texas Grow! Eat! Go! (TGEG) Program  
Texas A&M AgriLife Extension Service, 2015

The University of California Small Farm  
Program, 2010

University of Missouri–Lincoln University  
Cooperative Extension Task Force, 1994

Michael P. Vogel  
Extension Tribal Housing & Health Program  
Montana State University, 2012

Learn as much  
by writing as by reading.

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LORD ACTON

# UNIVERSITIES OF EXCELLENCE

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## As recognized by the Award for Excellence in Extension

University of Nebraska–Lincoln (6)	New Mexico State University (1)
Rutgers, The State University of New Jersey (5)	North Carolina A&T State University (1)
Texas A&M University (5)	North Dakota State University (1)
University of Arkansas at Pine Bluff (4)	Purdue University (1)
University of Nevada, Reno (4)	University of California, Davis (1)
Washington State University (3)	University of Connecticut (1)
Montana State University (2)	University of Delaware (1)
Oklahoma State University (2)	University of Florida (1)
Oregon State University (2)	University of Georgia (1)
Tennessee State University (2)	University of Maryland (1)
University of Kentucky (2)	University of Minnesota (1)
Alabama A&M University (1)	University of Missouri–Columbia (1)
Clemson University (1)	University of Tennessee (1)
Iowa State University (1)	University of Vermont (1)
Kansas State University (1)	Utah State University (1)
Kentucky State University (1)	West Virginia State University (1)
Louisiana State University (1)	

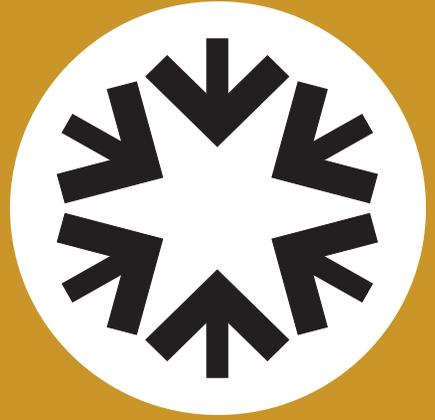
# UNIVERSITIES OF EXCELLENCE

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## As recognized by the Award for Diversity

Utah State University (3)	New Mexico State University (1)
Michigan State University (2)	Northwest Indian College (1)
Mississippi State University (2)	University of Florida (1)
Oregon State University (2)	University of Illinois at Urbana–Champaign (1)
Pennsylvania State University (2)	University of Maine (1)
Texas A&M University (2)	University of Minnesota (1)
University of California (2)	University of Missouri (1)
Cornell University (1)	University of Nebraska (1)
Lincoln University (1)	University of Nevada (1)
Montana State University (1)	University of Wisconsin (1)

*( ) denotes number of recipients*



NATIONAL  
EXCELLENCE IN  
MULTISTATE  
RESEARCH AWARD

2015

*If* we knew  
what it was  
we were doing,  
it would  
not be called  
research,  
would it?

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ALBERT EINSTEIN

# MULTI-STATE RESEARCH AWARD

*NC-140 (2012-2017): Improving Sustainability in Fruit Tree Production through Changes in Rootstock Use*

In North America, fruit tree producers continue to suffer losses due to cold temperatures, diseases, poor soil conditions, and graft incompatibility. With a highly competitive international market, consumer demand for high quality fruit, and strong pressure to reduce chemical use, fruit tree growers are seeking economically and environmentally sustainable production schemes. Many fruit tree growers are adopting high-density systems that use certain rootstocks to limit the final tree canopy size. Conflicting information about rootstocks, diverse orchard practices, and differing experimental procedures have resulted in costly planting and management errors. Rootstocks cannot be recommended unless there is coordinate, long-term research investigating their performance (e.g., productivity, fruit quality, pest resistance, and stress tolerance) and potential for profitability in a range of conditions.

Multistate Research Project NC-140 forged a viable international partnership between universities and the tree fruit community. Together, they leveraged federal and state dollars to conduct innovative research on fruit tree rootstock genetics, production, management, and economics. Over the past five years, they evaluated rootstocks of temperate-zone fruit trees from around the world, regularly measuring tree growth, root anchorage, size control, soil and climatic adaptability, and pest and disease resistance. Based on their experimental plot results, the group used state-of-the-art genomic tools and breeding programs to develop improved rootstocks for temperate-zone fruit trees. The team also developed new protocols for screening rootstocks, improved propagation techniques, and facilitated acquisition of rootstocks to accelerate their adoption among growers. In addition, NC-140 offered detailed recommendations regarding use of these new rootstocks, distributing research-based information through Extension, web sites, written material, and educational programs.



*NC-140 scientists tour a commercial grower's sweet cherries grown from NC-140 rootstock in tunnels.*

NC-140's uniform, multi-location trials have drastically reduced evaluation time for new rootstocks from more than 40 years to just 10 years. New rootstock is available to growers sooner, and more reliable information on rootstock performance is easier to access. Selecting more suitable rootstocks has led to higher yields for producers and improved fruit quality for consumers. Over the last 30 years, fruit growers in North America have steadily transitioned to higher density orchards that take up less land, increase production efficiency, accommodate automation technology, and rely on fewer chemicals.

Monumental shifts in orchards in every U.S. state where temperate fruit trees are grown (along with parts of Canada and Mexico) can be attributed to the collaborative efforts of NC-140

researchers, extension educators, and industry partners. NC-140 recommendations have resulted in earlier returns, greater yields, and higher fruit quality, with a financial benefit to U.S. fruit tree producers of \$250,000,000. With combined state and federal investment in NC-140 of about \$10,000,000, cumulative measurable benefits to the U.S. temperate tree-fruit industries will be more than \$400,000,000. Less easily measured benefits, such as averted losses and enhanced environmental quality, will increase the financial value of NC-140 to well beyond \$500,000,000 over the next five years.

## PARTICIPATING INSTITUTIONS

Auburn University	Ohio State University
University of Arkansas	Oregon State University
University of California, Davis	Pennsylvania State University
California Cooperative Extension	Purdue University
Clemson University	Rutgers, The State University of New Jersey
Colorado State University	Utah State University
Cornell University	Virginia Polytechnic Institute and State University
University of Georgia	Washington State University
University of Guelph, Ontario, Canada	University of Wisconsin
University of Idaho	Agriculture and Agri-Food Canada, British Columbia, Canada
University of Illinois	Agriculture and Agri-food Canada, New Brunswick, Canada
Iowa State University	Atlantic Food and Agri-Food, Kentville, Nova Scotia, Canada
University of Kentucky	Center for Advanced Studies in Fruit Production
University of Maine	Instituto Nacional de Investigaciones Forestales Agrícolas y Pecuarias, Mexico
University of Maryland	USDA-ARS
University of Massachusetts	USDA-ARS Plant Genetic Resources Unit
Michigan State University	
University of Minnesota	
University of Missouri	
New Mexico State University	
North Carolina State University	

## EXCELLENCE IN MULTISTATE RESEARCH AWARD

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Improving Sustainability in Fruit Tree Production through Changes in Rootstock Use (NC-140), 2015

Microirrigation for Sustainable Water Use (W-2128), 2014

Sweetpotato Collaborators Conference NCERA 5 (IEG-14), 2013

Response to Emerging Threat: Soybean Rust (NCERA-208), 2012

Improving the Sustainability of Livestock and Poultry Production in the United States (S-1032), 2011

Biological Improvement of Chestnut through Technologies that Address Management of the Species, its Pathogens, and Pests (NE-1033), 2010

Porcine Reproductive and Regulatory Disease: Methods for Integrated Control, Prevention, and Elimination of PRRS in United States Swine Herds (NC-229), 2009

# 2015 EXCELLENCE IN MULTISTATE RESEARCH AWARD REGIONAL WINNERS

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## NORTHEAST REGION

### *NC1201: Mycobacterial Diseases of Animals*

Vivek Kapur, Technical Committee Chair  
Gary A. Thompson, Administrative Advisor

#### **Participating Institutions:**

Agri-Food and Biosciences Institute, Belfast  
Alexandria University, Egypt  
Billings Gastrointestinal Association  
Canadian Food Inspection Agency & University of Montreal  
Central Veterinary Institute, Netherlands  
Colorado State University  
Cornell University  
Epix Analytics  
Federal University of Rio Grande do Sul, Brazil  
Global Alliance for Rabies Control  
KEO Consulting, Illinois  
Michigan State University  
Oregon Wheat Commission  
Pennsylvania Cooperative Extension  
Pennsylvania State University  
SVM, UC Davis  
University of Georgia  
University of Minnesota  
University of Missouri  
University of Nebraska—Lincoln  
University of Pennsylvania  
University of Prince Edward Island, Canada  
University of Tennessee  
University of Vermont  
University of Wisconsin  
U.S. Food and Drug Administration  
USDA—APHIS  
USDA—APHIS-VS-CEAH  
USDA—APHIS-VS-Western Region  
USDA—ARS/Iowa  
USDA—National Animal Disease Center  
Veterinary Research Institute, Sudan  
VetICE

## SOUTHERN REGION

### *S1049: Integrated Management of Pecan Arthropod Pests in the Southern U.S.*

Donn Johnson, Technical Committee Chair  
Clarence Watson, Administrative Advisor

#### **List of Participating Institutions:**

Auburn University  
Kansas State University  
Louisiana State University  
New Mexico State University  
Oklahoma State University  
Texas A&M University  
Texas A&M AgriLife (Research and Extension)  
University of Arkansas  
University of Florida  
University of Georgia  
University of Missouri  
USDA, ARS, Southeastern Fruit and Tree Nut Research Lab (SEFTNRL), Byron, GA  
The Samuel Roberts Noble Foundation

## WESTERN REGION

### *W3122: Beneficial and Adverse Effects of Natural, Bioactive Dietary Chemicals on Human Health and Food Safety*

Abby Benninghoff, Committee Chair  
H M Harrington, Administrative Advisor

#### **Participating Institutions**

University of Arizona  
University of California—Berkeley  
University of California—Davis  
Colorado State University  
University of Hawaii  
University of Illinois  
Michigan State University  
Mississippi State University  
University of Nevada  
Rutgers, The State University of New Jersey  
North Dakota State University  
Oregon State University  
Texas Agrilife Research Center  
Utah State University  
University of Vermont  
Washington State University  
University of Wisconsin  
USDA—ARS—California  
USDA—ARS—Georgia  
USDA—NIFA

The  
great aim  
of  
education  
is  
not  
knowledge  
but  
action.

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HERBERT SPENCER

## 2015 EXPERIMENT STATION SECTION REGIONAL EXCELLENCE IN LEADERSHIP AWARD

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### 1890 RESEARCH DIRECTORS

Dr. Alton Thompson  
Provost and Executive Vice President  
of Academic Affairs  
Delaware State University

### NORTH CENTRAL

Dr. Fred Cholick  
Former Dean and Director (retired)  
Kansas State University

### NORTHEAST

Dr. Michael P. Hoffmann  
Director  
Cornell University Agricultural  
Experiment Station—Ithaca

### SOUTHERN

Dr. Eric Young  
Executive Director  
Southern Association of Agricultural  
Experiment Station Directors

### WESTERN

Dr. Ron Pardini  
Professor of Biochemistry  
University of Nevada Reno



FOOD SYSTEMS  
LEADERSHIP  
INSTITUTE

2015

# FOOD SYSTEMS LEADERSHIP INSTITUTE

The Food Systems Leadership Institute (FSLI) is dedicated to developing individual and institutional leadership for a twenty-first century food system. The program curriculum focuses on a series of core leadership competencies and three complementary threads: individual leadership; leading change within organizations; and understanding and influencing complex diverse food systems. This curriculum lays the groundwork for leaders who will transition food systems research, education, and outreach to broader, more holistic approaches.

FSLI is a program of the Association of Public Land-grant Universities with initial support from the W. K. Kellogg Foundation. North Carolina State University is the primary host institution, responsible for program implementation and hosting FSLI Scholars during one of their three onsite residential sessions. The Ohio State University and Cal Poly, San Luis Obispo are also partners in the FSLI, providing their expertise in leadership and food systems to the FSLI curriculum and hosting onsite residential sessions for FSLI participants.

## FSLI FELLOWS, COHORT #9, 2013–2015

### **Joseph M. Anderson**

Department Head  
Agronomy  
Purdue University

### **Titus Awokuse**

Chair of the Department of Agricultural,  
Food and Resource Economics  
Michigan State University

### **Kim Babbitt**

Associate Dean of Academic Affairs  
College of Life Sciences and Agriculture  
University of New Hampshire

### **Kristina Boone**

Department Head, Professor  
Communications and Agricultural Education  
Kansas State University

### **Donna Brown**

Associate Dean and Director, Professor  
Academic & Student Programs  
College of Agriculture and Natural Resources  
University of Wyoming

### **Richard Cavaletto**

Associate Dean  
College of Agriculture, Food and  
Environmental Sciences  
California Polytechnic State University–  
San Luis Obispo

### **Donald Conner**

Department Head  
Poultry Science  
Auburn University

### **Christopher R. Daubert**

Department Head  
Food, Bioprocessing and Nutrition Sciences  
North Carolina State University

### **Henry Fadamiro**

Assistant Dean and Director of  
Global Programs  
College of Agriculture  
Auburn University

### **Brent Hales**

Senior Associate Dean  
University of Minnesota Extension

### **Wendy Fink**

Associate Director  
Food, Agriculture and Natural Resources  
Association of Public and Land-grant  
Universities (APLU)

### **Johnny D. Jones**

President  
Little Priest Tribal College

### **John Killefer**

Department Head  
Animal and Rangeland Sciences  
Oregon State University

## FSLI Fellows, Cohort #9, 2013–2015, continued

### **Thomas A. Melton**

Associate and Deputy Director  
Cooperative Extension Service  
North Carolina State University

### **Michael Newman**

Director  
School of Human Sciences  
College of Agriculture and Life Sciences  
Mississippi State University

### **Michael Orth**

Department Chair and Professor  
Animal and Food Sciences  
Texas Tech University

### **Kirk Pomper**

Interim Land Grant Director  
Kentucky State University

### **Murali Reddy**

Section Manager  
Abbott Nutrition

### **Curt Rom**

Director, Bumpers College Honors Program  
Co-Director for Agriculture and  
Rural Sustainability  
University of Arkansas

### **Peter L. Ryan**

Associate Provost and Professor  
Mississippi State University

### **Martin Sancho-Madriz**

Department Chair and FST Program Director  
Human Nutrition and Food Science  
California State Polytechnic  
University, Pomona

### **Tom Scott**

Professor and Dean Emeritus  
College of Agriculture, Forestry &  
Life Sciences  
Clemson University

### **Jane Schuh**

Interim Dean, College of Business  
Associate Director, ND Agricultural  
Experiment Station  
Associate Professor of Immunology  
North Dakota State University

### **Scott A. Shearer**

Chair  
Food, Agriculture & Biological Engineering  
The Ohio State University

### **Celvia E. Stovall**

Associate Director  
Alabama Cooperative Extension System  
Alabama A&M University

### **Ben West**

Western Region Director  
University of Tennessee Extension  
University of Tennessee Institute  
of Agriculture

### **Allen Wysocki**

Associate Dean  
College of Agricultural and Life Sciences  
University of Florida



## FOOD SYSTEMS LEADERSHIP AWARD

**D**r. Gale Buchanan, dean and director emeritus of the University of Georgia's College of Agricultural and Environmental Sciences in Tifton, Georgia, has had a remarkable career. From professor and researcher at Auburn University, to leadership positions with both the Alabama Agricultural Experiment Station and the Georgia Agricultural Experiment Stations, to dean and director at the University of Georgia, to professor at the National Environmental Sound Production Agriculture Laboratory, Buchanan has served in agricultural leadership roles in education and research for years.

Buchanan served on the Board of Directors of the Sunbelt Agricultural Exposition and the Georgia Agrirama Foundation Board. Additionally, he was nominated by President Bush to serve as Under Secretary for Research, Education, and Economics in the U.S. Department of Agriculture and confirmed for this position by the United States Senate on May 2006. With the passage of the 2008 Farm Bill, he assumed the responsibility of USDA Chief Scientist, along with that of Under Secretary for Research, Education and Economics.

After retiring from academia and after completing his appointment as Chief Scientist and Under Secretary in the USDA, he remained active in several academic areas. This included serving as senior author on a Council for Agricultural Science & Technology (CAST) Issue Paper No. 45 entitled, "Agricultural Productivity Strategies for the Future: Addressing U.S. and Global Challenges." He also served for two years as chair of the CAST Board of Trustees and as co-chair for the Research Section of Solutions from the Land that was sponsored by the United Nations Foundation, Conservation International, the Nature Conservancy and the Farm Foundation. He has also given a number of lectures at various university, industry, commodity, and trade venues.

Buchanan served the national agricultural system in numerous capacities including chair of the Southern Section of Agricultural Experiment Station Directors, chair of NASULGC Administrative Heads Section, NASULGC chair of the board on Agriculture Budget Committee, and chair of the NASULGC Board on Agriculture Assembly. He co-authored a book, "Leadership in Agriculture: Case Studies for a New Generation," published in 2013. Another book, "Feeding the World—Agricultural Research in the 21st Century" will be published later this year, and still another book, "Role of Branch Sites for Agricultural Research" is under review. Other writing projects are currently underway.

He received B.S. and M.S. degrees from the University of Florida and a Ph.D. from Iowa State University.