



A COMMUNITY  
*of* SCHOLARS  
HONORING  
EXCELLENCE

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2016



2016

Food and  
Agricultural Sciences  
Excellence  
in College and  
University  
Awards Program

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A COMMUNITY  
*of* SCHOLARS  
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EXCELLENCE

# INTRODUCTION

2016 has been an outstanding year for American agriculture and the academic institutions that are part of the Association of Public and Land-grant University (APLU) system, including the family of land-grant universities, and non-land grant agriculture and resource-related universities.

In line with the axiom '*user-inspired science transforming lives*,' 2016 also marks the many great discoveries that are being translated into 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 thrive because of the vibrant American agricultural economy. The National Institute of Food and Agriculture (NIFA) provides leadership and administrative guidance to education programs through our Education and Literacy Initiative, supporting educational efforts from kindergarten through doctoral and postdoctoral programs. These programs are to educate the next generation of the workforce, scientists, educators,

extension professionals, and leaders needed in the food, agricultural, natural resources, and human sciences.

In 2015, NIFA supported the education and training of 1,116 undergraduate, 954 graduate, and 398 postdoctoral researchers. These numbers are only a fraction of the nearly 60,000 job openings expected annually through 2020. With the world's population expected to surpass 9 billion by 2050, our best hope of producing the world's food, fuel, and fiber is sitting across from you in your own classrooms right now. Your students are the ones who will take knowledge learned in laboratories, translate it, and place it in the hands of the people who will need it.

Today, NIFA and APLU recognize the extraordinary efforts of educators, teachers, researchers, and extension professionals who provide the leadership needed every day address the serious challenges.

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



A handwritten signature in dark ink, reading "Sonny Ramaswamy".

**SONNY RAMASWAMY**

Director, National Institute of Food and Agriculture

within the Cooperative Extension Service to enable and sustain diverse cultures and abilities. Finally, the Multistate Research and Excellence in Leadership Awards recognize the collaborative efforts of state Agricultural Experiment Stations working together to address critical regional and national needs. These awards honor outstanding recipients who have made exceptional scholarly contributions. These awards also recognize the educational, extension, and research system that has long been—and will continue to be—critical to our nation's global preeminence.

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 recognized today.



A handwritten signature in dark ink that reads "Muriel G. Howard".

**MURIEL HOWARD**

President, AASCU



A handwritten signature in dark ink that reads "Peter McPherson".

**PETER MCPHERSON**

President, APLU

## PRESIDENTS' LETTER

At its best—the ideal we must relentlessly pursue—higher education must be a seamless web uniting learning, discovery, and the extension and application of knowledge to serve and enhance society. This ideal depends on the superb dedication of remarkable individuals in our institutions who promote the development and sustainability of learning communities, which flows from them both on and off campus. It is, after all, the creativity of these individuals who care about America and our world that sustains us all and ensures a vibrant future tomorrow.

The women and men we honor in these programs have been selected as the best from the hundreds of thousands they represent in our colleges and universities. They have engaged themselves as participants and leaders

in the learning processes and are distinguished by their successes. They will be remembered not only for the honor that we bestow upon them, but especially for the impact they have made on the thousands of individuals who have benefited from their devotion.

As the presidents of the two associations dedicated to public four-year higher education, we congratulate the recipients of the 2016 Food and Agriculture Excellence Awards. They personify excellence! Their efforts in sound scholarship, highlighted by exemplary pedagogy and personal dedication, represent enduring examples of the ways institutions of higher education must respond to the challenges before us. We warmly congratulate these outstanding individuals and extend our appreciation for their unwavering commitment to excellence.

Education is  
learning  
what you  
didn't even  
know  
you didn't  
know.

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DANIEL J. BOORSTIN



NATIONAL  
TEACHING  
AWARDS

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2016



## ANN D. CHRISTY

Professor

Food, Agricultural, and Biological Engineering  
The Ohio State University

Teaching, for Ann Christy, is about inspiring and empowering students by engaging them in course content and in the learning process itself. Over the past 20 years, she has established herself as a master educator with a dedication and commitment to students and to the scholarship of teaching and learning. Prior to becoming a faculty member, she worked full-time in the engineering consulting industry; that experience informed her teaching that has included courses in bioenergy, biological engineering, environmental controls, professional development, thermodynamics, waste management, first-year engineering design, senior capstone design, and college teaching. She has won multiple teaching awards at the college, university, and national levels. Her research is in bioenergy, environment, and engineering education, generating over 120 publications including 37 on topics in teaching and learning.

Christy's service includes mentoring graduate students and young faculty in their own teaching. She helped found and subsequently chaired the Education Division of the American Society of Agricultural and Biological Engineers. She served as interim associate dean for undergraduate engineering education, provided faculty leadership in Ohio State's transition from the quarter to semester system, and most recently was interim director of the Engineering Education Innovation Center. In that role, she facilitated the establishment of a new Department of Engineering Education, heralding the relatively rare event of the birth of a new department, one specifically focused on disciplinary education.

She earned both her B.S. and M.S. degrees from The Ohio State University and her Ph.D. from Clemson University.



# F. BAILEY NORWOOD

Associate Professor  
Agricultural Economics  
Oklahoma State University



Oklahoma State University students enrolled in F. Bailey Norwood's agricultural economics courses may find themselves attending his lectures in diverse locations, from the OSU football stadium to the local farmers market, and they learn everything from the economics of markets, to retirement planning, to the life of a dairy cow. One commonality across all his students, though, is an appreciation for his lively teaching style and genuine concern for their success in life.

Norwood holds the Barry Pollard, M.D./P&K Equipment Professorship in the Department of Agricultural Economics, where he teaches and advises undergraduate students and conducts research on consumer preferences for food. His teaching responsibilities include an introductory agricultural economics class, a "Farm to Fork" course, and an advanced qualitative methods in agricultural economics class.

Norwood's reputation as an educator and scholar has been recognized with 15 teaching and advising honors, five awards for exemplary journal articles, and one outreach award. Among these are OSU's College of Agricultural Sciences and Natural Resources' Exemplary Faculty Award, the Aggie-X Faculty Advisor of the Year award, and Western Agricultural Economics Association's outstanding undergraduate teaching award.

The author of a textbook and two books on controversial agricultural topics, Norwood has also authored or co-authored two book chapters, 45 refereed journal articles, and numerous non-peer reviewed or popular press articles. Two of his four articles on teaching and advising received awards.

He earned a B.S. from Clemson University, M.S. from Kansas State University, and Ph.D. from North Carolina State University.

The function of  
education is  
to teach one to think  
intensively and  
to think critically.  
Intelligence plus  
character—that is  
the goal of true education.

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MARTIN LUTHER KING, JR.



REGIONAL  
TEACHING  
AWARDS

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2016

## ELIZABETH A. APPEGATE

Director of Sports Nutrition  
Nutrition  
University of California, Davis

Elizabeth “Liz” Applegate, a nationally renowned expert on nutrition and fitness, is a faculty member of the Nutrition Department and the Director of Sports Nutrition at the University of California, Davis.



She is the author of several books, has written over 400 articles for national magazines, and is on the editorial board of the International Journal of Sport Nutrition and Exercise Metabolism. She is a fellow of the American College of Sports Medicine and a member of the Sports and Cardiovascular Nutritionists. She provides nutrition consultation for collegiate and professional athletes as well as food companies and frequently serves as a keynote speaker at industry, athletic, and scientific meetings.

Applegate’s enthusiasm for all things nutrition, community service, and education of students goes one step further in the form of two internship opportunities for UC Davis nutrition students. The Team Davis Good Foods Garden Internship affords interns an opportunity working with developmentally disabled adolescents and adults promoting healthy eating and nutrition education in the classroom and garden. The Sports Nutrition Internship gives interns an opportunity to work with Applegate developing sports nutritional educational materials and participating in presentations to Intercollegiate Athletic teams at UC Davis.

Applegate received the Excellence in Education Award, the Excellence in Teaching Award, Distinguished Undergraduate Teaching Award, and the Distinguished Scholarly Public Service Award from the University of California.

She earned B.Sc. and Ph.D. degrees from the University of California, Davis.

## EMILY B. BUCK

Associate Professor  
Communications, Education, and Leadership  
The Ohio State University

Emily Buck’s students know she has genuine concern for their future, and they trust her as she challenges them with innovative teaching techniques and experiences. She is known to meet with each of her students



individually each semester in several of her courses. As a firm believer in the value of taking students outside of their comfort zones, she has been involved in leading over 10 study abroad programs during her time at Ohio State, including one that engaged first semester freshmen in the study abroad experience.

In her 10 years at the university, Buck has advised 22 master’s students, three Ph.D. students, and more than 200 undergraduates. Using new technology to engage students in unique ways through advising and in the classroom, she has shared her successes through peer-reviewed journal articles on critical thinking, curriculum in agricultural communication, and the use of technology in the classroom in the *Journal of Agricultural Education*, the *North American Colleges and Teachers of Agriculture Journal*, and *The Quarterly Review of Distance Education*.

Buck’s excellence in teaching has been recognized through several institutional and professional awards, including the North American College and Teachers of Agriculture Educator Award, the Outstanding Early Career Agricultural Educator Award from the American Association for Agricultural Education, and Outstanding Student Organization Adviser at The Ohio State University.

Buck earned a B.S. from The Ohio State University and M.S. and Ph.D. degrees from the University of Florida.

## JOHN C. EWING

Associate Professor  
Agricultural Economics, Sociology,  
and Education  
The Pennsylvania State University

A Pennsylvania State University faculty member since 2006, John Ewing is recognized by peers and students as an excellent teacher who cares about student success. His ability to connect theory and practice into each class topic allows his students to see relevance in their learning. By connecting his research on experiential learning and content specific to agricultural education, Ewing has been able to help future teachers prepare for management of their own high school agricultural education programs.



Ewing's teaching focuses mainly on undergraduate education, where he has taught eight different courses related to teacher education. Additionally, he has served as the undergraduate program coordinator for the Agricultural and Extension Education major since 2008, helping guide students to opportunities that enhance their Penn State experience.

Ewing's desire to help students learn through experiential learning has been recognized by various organizations and awards, including the North Central American Association for Agricultural Education's Outstanding Early Career Agricultural Educator Award, College of Agricultural Sciences Community of Teaching Excellence Award, North American Colleges and Teachers of Agriculture (NACTA) Teaching Award of Merit, Penn State Gamma Sigma Delta Teaching Award of Merit, and the NACTA Teacher Fellow award.

He earned his B.S. from Penn State and both M.S. and Ph.D. degrees from The Ohio State University.

## BRIAN H. LOWER

Associate Professor  
Food, Agricultural, and Environmental Sciences  
The Ohio State University

During his eight years at The Ohio State University (OSU), Brian Lower has developed innovative ways to engage students in the scientific process and encourage their educational development. He published a free environmental science textbook authored by undergraduates, chaired OSU's annual Environmental Science Student Symposium where 700+ students presented individual posters of their work, and launched a free Apple iTunes U environmental science course to reach a global audience. He has taught more than 30 courses to almost 6,000 students.



His research focus is in environmental microbiology working with extremophiles, metal-reducing microorganisms, pathogens, and magnetotactic bacteria. He has published 27 journal articles, 10 abstracts, one book, and three book chapters, and given more than 100 professional presentations.

Lower serves several student programs at OSU, including the Second-Year Transformational Experience Program, the Graduate Teaching Associate Development and Enhancement Program, the Graduate Research and Scholarship Awards Committee, the Graduate Associate Teaching Awards Committee, the Distance Education Steering Committee, and the Ohio Science Olympiad.

He received the North American Colleges and Teachers of Agriculture Educator Award, the Rodney F. Plimpton Outstanding Teacher Award, and Virginia Tech's Outstanding Alumni Award.

Lower earned a B.S. from Kent State University and Ph.D. from Virginia Tech.

## ZHU H. NING

Professor  
Urban Forestry Program and Natural Resources  
Southern University and A&M College

**K**nown as an outstanding scholar and inspirational professor, Zhu Ning is characterized by her students as full of passion, a tireless mentor, and an advocate. She has an uncanny ability to convey scientific information in an interesting, stimulating, and challenging way.



She has obtained \$20 million in competitive grants to support students and provided opportunities such as global competency study abroad. She spearheaded the creation of Southern University's Urban Forestry Ph.D. program and organized forums, workshops, and symposia. With 190 publications, she has integrated research into teaching, nurtured scientific curiosity, and motivated students to new heights. According to her students, she is the reason for finding a good job and having the skillset, sophistication, and contacts to move upward.

Her leadership and collegial spirit have made significant impacts at national and international levels while serving as the Society of American Forester's (SAF) Urban Forestry Working Group Chair, SAF International Forestry Working Group Chair, Board of Directors of the International Society of Arboriculture (ISA), President of the ISA Arboriculture Research and Education Academy, and Associate Editor of the Journal of Arboriculture and Urban Forestry.

Her exemplary achievements have earned her Chancellor's Award for Teaching Excellence, College Faculty Excellence Awards, and awards from the Louisiana State Governor, USDA Forest Service, SAF, ISA, and the White House Office of Science and Technology Policies.

Ning has bachelor's and master's degrees from Northeast Forestry University and a doctoral degree from S.F. Austin State University.

## NICOLE L.P. STEDMAN

Associate Professor  
Agricultural Education and Communications  
University of Florida

**N**icole Stedman is an associate professor of leadership in the University of Florida's Department of Agricultural Education and Communication, where she instructs courses at the undergraduate and graduate levels. She serves as the director of UF's Agricultural Education and Communications E-Learning and undergraduate coordinator, as UF Faculty Senate Chair, and on the University's Board of Trustees.



Stedman is an active scholar, leading and contributing to over 30 refereed journal manuscripts, 86 conference presentations, posters, and abstracts, and two book chapters. She has been invited nationally and internationally to present research on critical thinking, challenging educators to pursue rigor and excellence in teaching students how to address complex adaptive challenges. Her work has taken her to 12 countries from the Caribbean, South America, and Europe presenting research, working with collaborators, and study abroad experiences.

She has been recognized for her teaching by the UF College of Agricultural and Life Sciences, with awards for undergraduate teaching and graduate teaching, as well as the Distinguished Teaching Award by the American Association for Agricultural Education Southern Region. She is also a recognized North American Colleges and Teachers of Agriculture Teaching Fellow and Teaching Scholar. Her current research interests include evaluating teaching and learning practices for their ability to build capacity for critical thinking.

She obtained a B.S., M.S., and Ph.D. from the University of Florida.



NEW  
TEACHER  
AWARDS

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2016



## REBECCA G. LAWVER

Associate Professor  
Agricultural Education  
Utah State University

Becki Lawver, an associate professor and undergraduate program coordinator in agricultural education at Utah State University, teaches undergraduate agricultural education courses and graduate courses in USU's online master's program.



She approaches advising with positivity, cares deeply about students, and has an “opportunity radar” that is always on. She consistently empowers students to find opportunities to add to their college experience and future career success.

Lawver's depth and commitment to preparing teachers is demonstrated through the 11 different courses she has taught. Becki reaches across programs to include a breadth of career and technical disciplines in her courses, specifically technology and engineering, family and consumer science, and business educators. In the classroom, Becki engages students through multiple real-world examples, integrating service-learning, and providing practical application of material.

Lawver was recently appointed as the coordinator for the College of Agriculture and Applied Sciences Teaching Academy Program.

She received the Utah Association of Career and Technical Education's Outstanding Post-Secondary Teacher of the Year Award; North American Colleges and Teachers of Agriculture Educator Award; Utah State University School of Teacher Education and Leadership Secondary Education Outstanding Supervisor; and USU's Robins Award for Undergraduate Faculty Advisor of the Year.

Lawver earned B.S. and M.S. degrees from the University of Nebraska and a Ph.D. from the University of Missouri.

## ERIC S. McLAMORE

Associate Professor  
Agricultural and Biological Engineering  
University of Florida

An associate professor of agricultural and biological engineering at the University of Florida, Eric S. McLamore is a strong advocate of learner-centered teaching and learner-teacher rapport as core principles of



the learning environment. He bases hands-on learning activities within the classroom around the establishment of vulnerability, often incorporating stories of human suffering based on personal life experiences into engineering problem solving. Connecting the classroom to the real world and the essence of human requisites motivates the learning process, and establishes equality in the classroom so that everyone learns together while establishing respectful, nurturing relationships. His courses integrate aspects of his international research program to raise awareness about humanitarian issues and the role of future engineers in next-generation solutions to grand challenges related to food safety, clean water, and natural medicines.

McLamore teaches undergraduate capstone senior design, fundamentals of biosensors, and a writing course for Ph.D. students. In 2012, he developed the first Student Art in Residence Program at UF, which established collaborative installation projects with students from the school of art and students from agricultural and biological engineering. He has received financial support from USAID and NASA to support experiential undergraduate teaching.

McLamore was recently awarded the J.W. Farrall Award for Excellence in Teaching from the American Society of Agricultural and Biological Engineering the Teaching Innovation Award from the American Society of Engineering Education.

He earned B.S. and M.S. degrees at Texas Tech University and a Ph.D. at Purdue 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 Florida (14)	Washington State University (3)
University of Illinois (14)	California State University, Fresno (2)
Kansas State University (13)	Clemson University (2)
Cornell University (10)	Delaware State University (2)
The Ohio State University (10)	Langston University (2)
Iowa State University (9)	Sam Houston State University (2)
Oklahoma State University (8)	South Dakota State University (2)
University of Connecticut (8)	Southern University and A&M College (2)
The University of Georgia (8)	University of Vermont (2)
North Carolina State University (7)	Auburn University (1)
Purdue University (7)	California State Polytechnic
Colorado State University (6)	University, Pomona (1)
University of Missouri–Columbia (6)	California State University, Chico (1)
New Mexico State University (5)	Florida State University (1)
The Pennsylvania State University (5)	Illinois State University (1)
University of Arkansas at Fayetteville (5)	Michigan State University (1)
University of Nebraska (5)	Montclair State University (1)
Utah State University (5)	North Carolina Agricultural and
Rutgers, The State University of New Jersey (4)	Technical State University (1)
University of Arizona (4)	North Dakota State University (1)
University of California, Davis (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 Hawai'i (1)
Virginia Polytechnic Institute and	University of Maryland, College Park (1)
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 Massachusetts (3)	West Virginia University (1)
University of Minnesota (3)	

*( ) denotes number of recipients*

## TEACHING AWARDS SELECTION PANEL

**KENNETH A. BARBARICK**  
College of Agricultural Sciences  
Colorado State University

**LESLIE D. BLANCHARD**  
College of Agriculture  
Louisiana State University

**KELLY F. MILLENBAH**  
College of Agriculture and Natural Resources  
Michigan State University

# ROLL OF RECIPIENTS

## Excellence in College and University Teaching Awards (2005–2016 only)

### NATIONAL

George Acquah  
Langston University, 2007

Teresa C. Balser  
University of Wisconsin, 2009

Michael J. Boehm  
The Ohio State University, 2010

Terence J. Centner  
The University of Georgia, 2015

Ann D. Christy  
The Ohio State University, 2016

Daniel L. Civco  
University of Connecticut, 2007

John L. Crompton  
Texas A&M University, 2012

Garey A. Fox  
Oklahoma State University, 2015

Tiffany M. 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

F. Bailey Norwood  
Oklahoma State University, 2016

Michael A. Reiter  
Delaware State University, 2005

Rick D. Rudd  
University of Florida, 2006

Candice A. Shoemaker  
Kansas State University, 2012

Ricky W. Telg  
University of Florida, 2010

Michael E. Wetzstein  
The 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

Emily B. Buck  
The Ohio State University, 2016

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 J. 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 M. Heng-Moss  
University of Nebraska–Lincoln, 2006

Walter L. Hurley  
University of Illinois, 2014

James B. Kliebenstein  
Iowa State University, 2006

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

Donald Jiann-Tyng Liu  
University of Minnesota, 2007

## Excellence in College and University Teaching Awards, continued

Brian H. Lower  
The Ohio State University, 2016

Christian Y. Oseto  
Purdue University, 2008

Richard C. Schultz  
Iowa State University, 2008

Michael F. Smith  
University of Missouri, 2010

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

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

Molly Espey  
Clemson University, 2012

William L. Flowers  
North Carolina State University, 2005

Jeffory A. Hattey  
Oklahoma State University, 2008

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

Zhu H. Ning  
Southern University and A&M College, 2016

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

Nicole L.P. Stedman  
University of Florida, 2016

## NORTHEAST REGION

Louis D. 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

John C. Ewing  
The Pennsylvania State University, 2016

Thomas P. Husband  
University of Rhode Island, 2007

James P. Lassoie  
Cornell University, 2014

Roger A. LeBrun  
University of Rhode Island, 2006

David A. Levitsky  
Cornell University, 2009

Rama B. Radhakrishna  
The Pennsylvania State University, 2010

## SOUTHERN REGION

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

## Excellence in College and University Teaching Awards, continued

George W. Wardlow  
University of Arkansas, 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

Elizabeth A. Applegate  
University of California, Davis, 2016

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 K. Warnick  
Utah State University, 2013

Karen C. Williams  
University of Wyoming, 2012

### NEW TEACHER

Leslie D. Edgar  
University of Arkansas, 2013

Kellie J. Enns  
Colorado State University, 2014

Miriam Ferzli  
North Carolina State University, 2011

Jason D. Hans  
University of Kentucky, 2009

Jennifer L. Hardesty  
University of Illinois, 2008

Julie F. Harlin  
Texas A&M University, 2005

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

Amy L. Kaleita  
Iowa State University, 2007

Tracy Kitchel  
University of Missouri, 2011

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

Rebecca G. Lawver  
Utah State University, 2016

Roel R. Lopez  
Texas A&M University, 2006

Kyle W. McGregor  
Tarleton State University, 2006

Eric S. McLamore  
University of Florida, 2016

Courtney A. Meyers  
Texas Tech University, 2015

Brian E. Myers  
University of Florida, 2008

Maria Navarro  
The University of Georgia, 2012

F. Bailey Norwood  
Oklahoma State University, 2005

Haley F. 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 R. Strong  
Texas A&M University, 2015

Amanda D. Weaver  
South Dakota State University, 2010



NATIONAL AWARD  
FOR EXCELLENCE  
IN EXTENSION

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2016



## STEPHEN D. GREEN

Professor and Extension Child Development Specialist  
Texas A&M AgriLife Extension Service  
The Texas A&M University System

As a professor and child development specialist with the Texas A&M AgriLife Extension Service, Stephen Green is widely known for developing programs proven to increase participants' knowledge of best practices in child care, enhance employment opportunities for early childhood professionals, and increase fathers' involvement with their children.

His Early Childhood Educator Online Training Program offers some 200 courses, including many in Spanish and Vietnamese. Since 2010, course completions across the United States number more than 850,000. Course fees generate about \$200,000 annually.

Green's Fathers Reading Every Day program is one of the most effective ways to involve fathers in their children's literacy development. The program has been implemented with tens of thousands of U.S. families. Adaptable for other cultures, the program has been adopted in Canada, New Zealand, the United Kingdom, and the United Arab Emirates.

During his 16-year extension career, Green has obtained more than \$5.5 million in grants and contracts to develop and implement extension outreach programs. He has delivered more than 280 educational presentations, reaching more than 16,900 participants. He has authored, co-authored, and served as managing editor on more than 100 journal articles, book chapters, online courses, fact sheets, and newsletter articles. Moreover, he has written more than 300 reports and program briefs in support of extension county programming.

Green holds a B.A. from the University of California, Davis; an M.S. from Harding University; and a Ph.D. from Virginia Polytechnic Institute and State University.



REGIONAL AWARDS  
FOR EXCELLENCE  
IN EXTENSION

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2016

## 1890 REGION

### KARNITA GOLSON-GARNER

Extension Environmental Specialist  
Urban Affairs & New Nontraditional Programs  
Alabama A&M University

**K**arnita Golson-Garner serves as an extension environmental specialist and coordinator with the Alabama Cooperative Extension System's (ACES) Urban Affairs and New Nontraditional Programs Unit at Alabama A&M



University. She is committed to developing educational programs that provide proactive solutions that lead to a “greener” tomorrow for future generations. Currently, she provides leadership to four programs that focus on issues relevant to residential home site management, natural resource conservation, electronic waste, and pharmaceutical and personal care products.

Golson-Garner has helped secure more than \$1.6 million in extramural funding to enhance her outreach and research efforts and helped extension agents in the area of forestry, wildlife, and natural resource management secure more than \$10,000 in grant funds. Her team's efforts with local community partners have diverted more than 757,579 pounds of e-waste away from city landfills and generated an estimated \$136,174 in revenue for recyclers, drastically reducing e-waste disposal costs.

Her leadership has led to a significant decrease in the amount of pharmaceuticals fated for our water supplies. Collaborative efforts with organizations like Partnership for a Drug-Free Community and local law enforcement have led to 26 drug take-back initiatives during which 13,450 pounds of pharmaceuticals were collected. A former Environmental Protection Agency Star and NASA-EPSCoR Space Grant Fellow, she continues to seek out opportunities to enhance the effectiveness of ACES' environmental outreach programs.

Golson-Garner earned B.S., M.S., and Ph.D. degrees from Alabama A&M University.

## NORTH CENTRAL REGION

### NOZELLA L. BROWN

Family and Consumer Sciences Agent  
Kansas State University

**N**ozella Brown coordinates the Supplemental Nutrition Education Program (SNAP-Ed) and Expanded Nutrition Education Program (EFNEP) in her minority/majority urban Kansas community. Her



extension career began in 2003 as a nutrition educator who immediately recognized a scarcity of effective culturally appropriate programs and resources. Her ability to deliver innovative programming to underserved populations, develop materials adapted for them, and garner resources to support her work received recognition by her colleagues and administration. Hence, her role evolved into county extension agent, mentor, and leader in the field. Her passion for the land-grant mission of connecting research, teaching, and extension resulted in partnerships and collaborations between local agencies, government, and the university. All this allowed her to engage in community research, conversations, and projects that led to the developing extension programs and resources that expanded extension's impact in her county and state.

Brown's work included creating a nutrition and fitness training program for afterschool providers; training peer volunteers to offer evidence-based education in low-resource neighborhoods; developing and implementing train-the-trainer nutrition education workshops for bilingual community leaders; and equipping, engaging and supporting Latino community members in expanding access to healthy foods and in neighborhood restaurants and corner stores. She presents her research and practical strategies at local, regional, state, and national conferences and has written for several journals.

Brown received B.S., M.S., and Ed.D. degrees from Kansas State University.



## NORTHEAST REGION

### RICHARD W. TAYLOR

Extension Agronomist  
University of Delaware

University of Delaware Extension Agronomist Richard Taylor became an extension specialist in 1985 after attaining the rank of associate professor of agronomy at the Louisiana State University.



Taylor's early research work in alternative and forage crops at the LSU Rice Research Station helped establish grain sorghum as a dryland alternative crop to corn in the mid-Atlantic region. In the mid-1990s, he helped university and industry professionals establish the Mid-Atlantic Crop Management School (MACMS), a continuing education program for certified crop advisers in the mid-Atlantic region. The program is now in its 22nd year and draws participants from a six-state area. Yearly evaluation surveys show a consistent impact value of about \$28/acre and a regional impact of \$8 million to \$9 million per school.

Taylor has presented at more than 300 in-state programs and workshops and 150 regional programs. In 2001, Taylor and James Adkins began an Agronomy Equipment Day program that now is part of Delaware Ag Week. The Agronomy/Soybean day program is now the premier agronomy program on the Delmarva Peninsula.

Taylor began teaching an undergraduate Soil Fertility and Plant Nutrition class in 1999. By his retirement in 2016, this had increased to three undergraduate classes plus graduate sections in two of the classes.

A registered Certified Crop Adviser through the American Society of Agronomy, Taylor earned a B.S. from Virginia Polytechnic Institute and State University and M.S. and Ph.D. degrees from the University of Connecticut.

## SOUTHERN REGION

### STANLEY CULPEPPER

Professor and Extension Specialist-Weed Scientist  
The University of Georgia

Stanley Culpepper is a professor in the Crop and Soil Science Department at The University of Georgia. A native of North Carolina, he grew up on a bicentennial family farm producing cotton, peanuts, soybeans, and wheat. Stanley began his professional career at The University of Georgia as a cotton, vegetable, and small grain weed scientist in 1999, and continues with those same responsibilities today.



A weed scientist by training, Culpepper works to find integrated solutions to complex issues and is often the impetus for a diverse team of experts working together that leads to discoveries to solve multi-faceted challenges. Stanley's ultimate goal is to assist family farms with long-term sustainability by helping growers make wise production decisions using information generated from unbiased research.

Because of Stanley's efforts, he has been an invited speaker at more than 258 functions across 24 states and several countries. In Georgia, he has presented timely information to growers at 546 county meetings and 111 field days while also training extension agents during 103 in-service meetings. He has authored or co-authored 91 refereed journal articles, four book chapters, 353 abstracts for presentations at professional meetings, 211 extension publications and 171 newsletters and blogs. Additionally, Stanley has authored 16 successful Section 18 packages and coauthored 32 Section 24(c) state herbicide labels, bringing new weed management tools to Georgia growers.

Culpepper received his B.S., M.S., and Ph.D. degrees at North Carolina State University.

Education  
is the  
most  
powerful  
weapon  
which you  
can use  
to change  
the world.

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NELSON MANDELA

## WESTERN REGION

### TERRY ALLAN MESSMER

Professor and Extension Wildlife Specialist  
Utah State University

A professor and extension wildlife specialist at Utah State University (USU) in Logan, Terry Messmer serves as the director of the Jack H. Berryman Institute for Wildlife Damage Management and the Utah Community-Based Conservation Program (CBCP). The CBCP was awarded the 2015 Western Extension Directors Association Award of Excellence and the 2016 Group Achievement Award by The Wildlife Society (TWS) in recognition of conservation impacts.



Messmer is a TWS Certified Wildlife Biologist and was selected a TWS Fellow in 2007. He acts as the scientific advisor to the Utah Governor's Greater Sage-Grouse Conservation Strategy Team. He recently retired as a colonel in the U.S. Army Reserve, where he served as the commander of multiple units during their combat deployments and was awarded the Military Order of Medical Merit, three Meritorious Service Medals, and the Bronze Star.

In 2007, Messmer was awarded the USU Extension E.G. Peterson Award in recognition of outstanding service to the state of Utah. In 2008, he received USU's Outstanding Graduate Mentor Award. In 2016, he was awarded the Wildlife Society's Caesar Kleberg Award, which recognizes an individual who has distinguished themselves in applied research that has impacted "on-the-ground" wildlife management and conservation.

Messmer has served as the major professor for 55 graduate students and five post-doctoral fellows.

He received two B.S. degrees from the University of North Dakota and two master's degrees and a Ph.D. from North Dakota State University.



NATIONAL  
EXTENSION  
DIVERSITY  
AWARD

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2016

# DIVISION OF AGRICULTURE AND NATURAL RESOURCES 4-H YOUTH DEVELOPMENT PROGRAM INTERCULTURAL DEVELOPMENT INVENTORY (IDI®) QUALIFIED ADMINISTRATORS

University of California

Aimed to increase the intercultural communication of a culturally and ethnically diverse youth population, the University of California (UC) Division of Agriculture and Natural Resources 4-H Youth Development Program Intercultural Development Inventory (IDI®) Qualified Administrators team demonstrates strong state impact and great potential to improve hiring and professional development nationwide, with a plan of action for replication in other states.

In three years, the intentional strategy of the team facilitated the enhancement of intercultural competence of 65 4-H personnel and provided 176 hours of intercultural communication feedback sessions, learning communities, and regional conferences using the IDI®. The 50-item IDI® is a cross-culturally generalizable, valid, and reliable assessment of intercultural competence.

Post intervention, the UC 4-H Youth Development Program is more culturally competent and moves from a focus on similarities across diverse people that masks deeper recognition of cultural differences to an organization that recognizes the complex dimensions of diversity. Acquired skills and characteristics help lead to an organizational culture that incorporates mutual respect, acceptance, teamwork, and productivity among diverse people and results in positive change.

This evidence-based intervention resulted in the institutionalization of intercultural professional development within the UC 4-H Youth Development Program and serves as a model to increase the intercultural competence of all extension agents and staff. A summary of California's IDI® professional development activities can be found in the *National 4-H Latino Youth Outreach: Best Practices Toolkit*, found at [www.4-H.org](http://www.4-H.org).



*The Qualified Administrators team (l-r): Fe Moncloa, Shannon Horrillo, Russ Hill. Not pictured: Dorina Espinoza, Keith Nathaniel.*

# AWARD FOR EXCELLENCE IN EXTENSION

## NATIONAL

Elizabeth L. Address  
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

Stephen D. Green  
Texas A&M University, 2016

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

Karnita Golson-Garner  
Alabama A&M University, 2016

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 Eastern Shore, 2015

## NORTH CENTRAL REGION

William J. Angell  
University of Minnesota, 2009

Frederick P. Baxendale  
University of Nebraska–Lincoln, 2007

Nozella L. Brown  
Kansas State University, 2016

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

## Award for Excellence in Extension, continued

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

Richard W. Taylor  
University of Delaware, 2016

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

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

## SOUTHERN REGION

Stanley Culpepper  
The University of Georgia, 2016

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

Terry Allan Messmer  
Utah State University, 2016

Marcia R. Ostrom  
Washington State University, 2007

Madeleine Sigman-Grant  
University of Nevada Cooperative Extension, 2014

Michael P. Vogel  
Montana State University, 2011

The great aim of education is  
not knowledge but action.

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HERBERT SPENCER



# 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 Schaubert  
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

UC ANR 4–H Youth Development Program  
IDI Qualified Administrators  
University of California, 2016

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

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

An investment in knowledge  
pays the best interest.

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BENJAMIN FRANKLIN

# UNIVERSITIES OF EXCELLENCE

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## As recognized by the Award for Excellence in Extension

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

# UNIVERSITIES OF EXCELLENCE

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## As recognized by the Award for Diversity

Texas A&M University (3)	New Mexico State University (1)
Utah State University (3)	Northwest Indian College (1)
Michigan State University (2)	University of Florida (1)
Mississippi State University (2)	University of Illinois at Urbana–Champaign (1)
Oregon State University (2)	University of Maine (1)
The Pennsylvania State 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

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2016

*A*griculture  
not only gives  
riches to  
a nation, but  
the only riches  
she can  
call her own.

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SAMUEL JOHNSON

# NATIONAL MULTISTATE RESEARCH AWARD

*Fly Management in Animal Agriculture Systems and Impacts on Animal Health and Food Safety (S-1060)*

Kristina Friesen, Technical Committee Chair  
Richard Roeder, Administrative Advisor

Flies are serious pests of livestock and poultry. House fly, stable fly, and horn fly species are responsible for damage and control costs that reach over \$2 billion each year in the United States. Painful fly bites can reduce cattle weight gain and milk production and can spread diseases. Flies can also transmit pathogens such as *E. coli* and *Salmonella* to animals and humans through water and food they have contaminated. Concerns about flies have led to lawsuits, zoning limitations, and animosity between farmers and nearby residents and businesses. S-1060 formed to develop economically feasible and environmentally friendly technology and practices for controlling flies in conventional and organic animal agriculture systems.

Fly larvae develop in animal bedding, feed debris, and manure, and populations grow very quickly. Dealing immediately with larval developmental sites can reduce stable fly populations by up to 50 percent, which can lead to 60 kilograms of weight gain valued at \$100 per cow. Disposing of feed debris can reduce the fly population later in the year. Studies also showed that straw bedding produces about 50 times as many stable flies as compost bedding.

S-1060 researchers developed new chemical, biological, and microbial control methods, such as using adult flies to deliver pyriproxyfen, which disrupts insect growth, to sites where larvae are developing. A new fly trap for controlling horn flies removed between 1.3 and 2.5 million flies from a herd of 150 pastured dairy cows. The trap doesn't use insecticide and costs \$1.50 less per cow than traditional chemical-based treatments.

S-1060 research and outreach have given producers the information and tools they need to select appropriate control methods and apply them in a timely manner. Studies have shown what kinds of weather events and landscape features support fly population growth, and national surveys have



shown where insecticide resistance is present. Effective fly management practices result in increased profits, a higher quality of life for animals, a safer food supply, and improved quality of life in residential and recreational areas near animal facilities. Adoption of new non-chemical control methods significantly reduces the use of expensive insecticides, cutting costs for livestock producers and reducing harm to the environment.

This project was supported in part through USDA’s NIFA by the Multistate Research Fund established in 1998 by the Agricultural Research, Extension, and Education Reform Act to encourage and enhance multistate, multidisciplinary research on critical national or regional issues. More than \$9 million in additional funds were provided by contracts and grants to S-1060 members or groups. S-1060 members are located at over 20 land-grant universities and several Hispanic-serving universities and Canadian institutions, as well as six USDA-ARS labs. Representatives from private industry have been involved as supporters, contributors, or participants in field research.

**Participating Institutions:**

Auburn University	University of Florida
Cornell University	The University of Georgia
Kansas State University	University of Illinois
Louisiana State University	University of Massachusetts
New Mexico State University	University of Minnesota
North Carolina State University	University of Nebraska–Lincoln
The Ohio State University	University of Tennessee
Oklahoma State University	USDA ARS (Amarillo, Texas; College Station, Texas; Gainesville, Florida; Kerrville, Texas; Lincoln, Nebraska; Manhattan, Kansas)
Texas A&M AgriLife (Research and Extension)	Washington State University
University of Arkansas	Central Garden and Pet Co. (Walnut Creek, California)
Division of Agriculture	Agriculture and Agri-Foods Canada
University of California, Riverside	

# NATIONAL EXCELLENCE IN MULTISTATE RESEARCH AWARDS

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Fly Management in Animal Agriculture Systems and Impacts on Animal Health and Food Safety (S-1060), 2016	Improving the Sustainability of Livestock and Poultry Production in the United States (S-1032), 2011
Improving Sustainability in Fruit Tree Production through Changes in Rootstock Use (NC-140), 2015	Biological Improvement of Chestnut through Technologies that Address Management of the Species, its Pathogens, and Pests (NE-1033), 2010
Microirrigation for Sustainable Water Use (W-2128), 2014	Biology, Impact, and Management of Soybean Insect Pests in Soybean Production Systems (S-1039), 2009
Sweet Potato Collaborators Conference (SERA-5), 2013	Porcine Reproductive and Regulatory Disease: Methods for the Integrated Control, Prevention, and Elimination of PRRS in United States Swine (NC-229), 2008
Response to Emerging Threat: Soybean Rust (NCERA-208), 2012	

# REGIONAL EXCELLENCE IN MULTISTATE RESEARCH AWARDS

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## NORTH CENTRAL REGION

### *Soil and Landscape Assessment, Function and Interpretation (NCERA-3)*

Brian Slater, Technical Committee Chair  
Mickey Ransom, Administrative Advisor

#### **Participating Institutions:**

Iowa State University  
Kansas State University  
Michigan State University  
National Cooperative Soil Survey  
North Dakota State University  
The Ohio State University  
Purdue University  
South Dakota State University  
University of Arkansas  
University of Illinois at Urbana–Champaign  
University of Kentucky  
University of Minnesota  
University of Nebraska–Lincoln  
University of Wisconsin–Madison  
USDA NRCS

## NORTHEAST REGION

### *Ovarian Influences on Reproductive Success in Ruminants (NE-1227)*

Milo Wiltbank, Technical Committee Chair  
Gary A. Thompson, Administrative Advisor

#### **Participating Institutions:**

Cornell University  
Iowa State University  
Mississippi State University  
The Pennsylvania State University  
University of Connecticut, Storrs

University of Kentucky  
University of Massachusetts  
University of Nebraska–Lincoln  
University of New Hampshire  
University of Wisconsin–Madison  
Virginia Polytechnic Institute and State University  
West Virginia State University

## WESTERN REGION

### *Beneficial and Adverse Effects of Natural, Bioactive Dietary Chemicals on Human Health and Food Safety (W-3122)*

Abby Benninghoff, Technical Committee Chair  
H. Michael Harrington, Administrative Advisor

#### **Participating Institutions:**

Colorado State University  
Michigan State University  
Mississippi State University  
North Dakota State University  
Oregon State University  
Rutgers, The State University of New Jersey  
Texas A&M University AgriLife (Research and Extension)  
University of Arizona  
University of California, Berkeley  
University of California, Davis  
University of Hawai'i  
University of Illinois at Urbana–Champaign  
University of Nevada, Reno  
University of Wisconsin–Madison  
University of Vermont  
USDA-ARS (CA, GA)  
Utah State University  
Washington State University

To raise new questions,  
new possibilities, to  
regard old problems  
from a new angle,  
requires creative  
imagination and marks  
real advance in science.

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ALBERT EINSTEIN



EXPERIMENT STATION  
SECTION NATIONAL  
EXCELLENCE IN  
LEADERSHIP AWARDS

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2016

## 1890 RESEARCH DIRECTORS (ARD)

### WALTER A. HILL

Dean  
College of Agriculture, Environment, and  
Nutrition Sciences  
Tuskegee University

Walter Hill has been one of the 1890 land-grant universities' most innovative and distinctive leaders for decades. He is a passionate spokesperson for the 1890s, and he works assiduously to expand the partnerships and sources of funding for the 1890s so that they can more effectively be at the forefront to address contemporary issues and help solve global problems. Additionally, his service to the APLU Board on Agriculture Assembly (BAA) is impressive. He is the immediate past chair of the Administrative Heads Section and has provided dedicated service on many BAA boards, committees, and task forces, most notably as chair of the 1890 Council of Deans and chair of the Association of Research Directors.

Hill began his professional career as a teacher in the Chicago Public School system. He came to Tuskegee as a young faculty member in 1978; many agricultural professionals today still give credit to Walter's ability to excite them about learning.

He has received numerous honors, including the Community Associates Distinguished Achievement in Agriculture Award of Merit, the Rural Coalition Humanitarian Award, the Southern Rural Development Initiative Service to Agriculture Award, Alabama Farmers Federation Award of Honor, USDA Award for Superior Service, and the African American Achiever in Agriculture by the Chicago Museum of Science and Industry.

Hill earned a B.S. degree from Lake Forest College, an M.A.T. from the University of Chicago, an M.S. from the University of Arizona, and a Ph.D. from the University of Illinois.



## NORTH CENTRAL REGION

### STEVEN SLACK

Former Associate Vice President for  
Agricultural Administration  
Director, Ohio Agricultural Research and  
Development Center  
The Ohio State University

Steven Slack is approachable, generous, sincere, smart, and has the vision to fully reflect his quality leadership. He routinely goes beyond the individual, taking great pride in advancing organizational success.

Within the North Central Regional Association, he has served on nine multistate committees and as chair across nearly two decades of active participation. Nationally, he represented the Experiment Station Section on the Policy Board of Directors and served on the Partnership Working Group, CREATE-21 executive committee, Committee on Legislation and Policy, Science Roadmap steering committee, and the Budget and Legislative committees.

Slack served on the faculty at the University of Wisconsin–Madison, started his administrative career as Cornell University's Henry and Mildred Uihlein Endowed Chair and then chair of the Department of Plant Pathology, and as associate vice president for agricultural administration and director of the Ohio Agricultural Research and Development Center. He retired in 2016.

Slack was named a Fellow for both the American Association for the Advancement of Science and the American Phytopathological Society (APS). He was honored in the National Institute of Food and Agriculture's Hall of Fame and awarded an Honorary Life Membership with the Potato Association of America (PAA). He received the Outstanding Alumnus Award from the University of Arkansas, Fayetteville (UAF) and served as the president of APS, the Northeastern Division of APS, and the PAA.

He earned B.S. and M.S. degrees from UAF and a Ph.D. from the University of California, Davis.



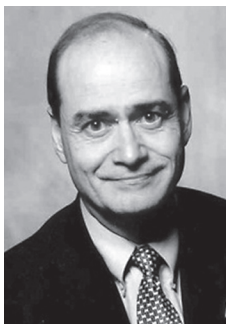


## NORTHEAST REGION

### DANIEL ROSSI

Former Executive Director  
Northeastern Regional Association of State  
Agricultural Experiment Station Directors

Daniel Rossi has been an insightful and passionate champion of the land-grant mission for 37 years. Through his unassuming, highly principled, and collaborative approach, he has facilitated the development of integrated and successful partnerships across institutional and disciplinary lines and has served as a respected mentor to many colleagues.



Rossi served as director of the Rutgers Agricultural Economics Graduate Program, associate director of the New Jersey Agricultural Experiment Station, and senior associate dean for administration for Rutgers Cook College. In 2007, he was appointed executive director of the Northeastern Regional Association of State Agricultural Experiment Stations (NERA). In 2015, he also assumed the role of the Northeast Regional Director for IR-4. He retired in 2016.

He chaired NERA and the Experiment Station Committee on Organization and Policy (ESCOP), the Boards of Directors of LEAD-21, and the Northeast Regional Center for Rural Development. He served on a USDA Regional Research Program Advisory Committee, several farm bill working groups and USDA Budget Advisory committees, and the Northeast Regional Aquaculture Center Board of Directors. He was the administrative advisor to five national and multistate research committees.

Rossi has received many honors and awards, including the inaugural Rutgers University Dennis M. Fenton Distinguished Graduate Alumni Award. He earned his bachelor's and master's degrees at Rutgers, The State University of New Jersey and his Ph.D. at The Pennsylvania State University.

## SOUTHERN REGION

### WILLIAM “BILL” BROWN

Dean for Research  
Director, Tennessee Agricultural  
Experiment Station  
University of Tennessee

William “Bill” Brown’s ability to lead through building consensus is one of his numerous talents that characterize his success in many different venues. Fully committed to the land-grant tripartite mission, he works collaboratively with his extension and academic colleagues.



Brown served the Southern Association of Agricultural Experiment Station Directors (SAAESD) in many leadership capacities and the Experiment Station Committee on Organization and Policy (ESCOP) on a number of committees. He currently chairs the ESCOP Budget & Legislative Committee and co-chairs the ECOP/ESCOP Impact Database Steering Committee and is ESCOP’s representative to the Board on Agriculture Assembly’s Budget & Advocacy Committee, the Extension Committee on Organization and Policy’s Innovation Committee, and National Institute of Food and Agriculture’s One Solution Stakeholder Group.

Since 2008, Brown has worked as dean for research and director at the University of Tennessee’s Institute of Agriculture. He previously served as assistant dean and assistant director of the Florida Agricultural Experiment Station and director of the Tropical and Subtropical Agriculture Research Program at the University of Florida’s Institute of Food and Agricultural Sciences. He has published widely in both the scientific and trade literature and served in editorial and review capacity for a number of scholarly publications.

Brown received a bachelor’s at the University of Florida, master’s at the University of Tennessee, and Ph.D. at the University of Nebraska–Lincoln.

## WESTERN REGION

### BARBARA ALLEN-DIAZ

Former Vice President, Division of Agriculture  
and Natural Resources  
Russell Rustici Chair in Rangelands,  
Department of Environmental Science,  
Policy and Management  
University of California, Berkeley

Barbara Allen-Diaz has improved range science and the environment, mentored future scientists, reshaped the University of California Agriculture and Natural Resource (UCANR) system, and united the western region to a common vision.



In 1986, Allen-Diaz was the first woman in the country hired to a tenure track position in range sciences. She served on the faculty and as the chair of the Department of Environmental Science, Policy and Management, retiring as the Russell Rustici Chair in Rangeland Management at UC Berkeley. She was the division head of Ecosystem Sciences and associate dean, executive associate dean, and acting dean of UC Berkeley's College of Natural Resources; the UCANR associate vice president of the Research and Extension Center system; and UCANR associate vice president for programs and strategic initiatives. In 2015 she retired after serving as the UCANR vice president, director of the Agricultural Experiment Station, and director of Cooperative Extension in California.

Allen-Diaz received the Society for Range Management Frederick G. Renner Award for lifetime achievement and the Society for Range Management Outstanding Achievement Award and shared in the 2007 Nobel Peace Prize awarded to the Intergovernmental Panel on Climate Change. She has authored more than 170 peer-reviewed articles.

She earned her B.S., M.S., and Ph.D. from the University of California, Berkeley.

## EXCELLENCE IN LEADERSHIP NATIONAL AWARDS

Carolyn B. Brooks  
1890 Association of Research Directors, 2014

Fred A. Cholick  
Kansas State University (NC), 2015

Michael P. Hoffman  
Cornell University (NE), 2015

C. Colin Kaltenbach  
University of Arizona (W), 2014

Arlen E. Leholm  
North Central Regional Association of State  
Agricultural Experiment Station Directors, 2014

Bruce A. McPheron  
The Pennsylvania State University (NE), 2014

Craig L. Nessler  
Texas A&M (S), 2014

Ronald S. Pardini  
The University of Nevada–Reno (W), 2015

Alton Thompson  
Delaware State University (ARD), 2015

Eric Young  
Southern Association of State Agricultural Experiment  
Station Directors, 2015

The  
starting  
point of all  
achievement  
is desire.

—  
NAPOLEON HILL



FOOD SYSTEMS  
LEADERSHIP  
INSTITUTE

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2016

# FOOD SYSTEMS LEADERSHIP INSTITUTE

The Food Systems Leadership Institute (FSLI) is dedicated to developing individual and institutional leadership for a 21st 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 #10, 2014–2016

**Robert T. Burns**

Associate Dean for Agriculture, Natural  
Resources and Community Development  
University of Tennessee Extension

**Nick Cellar**

Section Manager, Research and  
Development Operations  
Abbott Nutrition

**Gour Choudhury**

Professor, Department of Food Science  
and Nutrition  
California Polytechnic State University,  
San Luis Obispo

**Shawn S. Donkin**

Assistant Dean and Associate Director,  
Research and Graduate Education  
Purdue University

**Kim E. Dooley**

Associate Dean, Academic Operations  
Professor, Agricultural Leadership, Education,  
and Communication  
Texas A&M University

**Carolyn Dunn**

Department Head, Youth, Family, and  
Community Sciences  
North Carolina State University

**Montserrat Fuentes**

Department Head and James M. Goodnight  
Distinguished Professor of Statistics  
North Carolina State University

**Valerie L. Giddings**

Interim Associate Dean for Research, School  
of Agriculture and Environmental Sciences  
North Carolina A&T State University

**Edwin Jones**

Associate Dean and Director, College of  
Agriculture and Life Sciences  
Virginia Polytechnic Institute and  
State University

**Gregory Lardy**

Head, Animal Sciences  
Associate Vice President for  
Agricultural Affairs  
North Dakota State University

**Nina Lilja**

Associate Dean, International  
Agricultural Programs  
Kansas State University

**Nathan McKinney**

Assistant Director, Arkansas Agricultural  
Experiment Station  
University of Arkansas

FSLI Fellows, Cohort #10, 2014–2016, continued

**Ina Metzger Linville**

Program Director, MU Extension 4-H Center  
for Youth Development  
University of Missouri

**Pamela V. Morris**

Assistant Dean/Director, Multicultural  
Programs, College of Agriculture  
Purdue University

**Ian A. Munn**

Associate Dean, College of Forest Resources  
Mississippi State University

**William Nganje**

Professor and Chairman, Department of  
Agribusiness and Applied Economics  
North Dakota State University

**Nick T. Place**

Dean and Director for Extension, Institute of  
Food and Agricultural Sciences  
University of Florida

**Michelle S. Rodgers**

Associate Dean and Director of  
Cooperative Extension  
University of Delaware

**Clinton P. Rusk**

Head, Department of Animal Science  
Oklahoma State University

**Ryan J. Schmiesing**

Assistant Dean and Senior  
Administrative Office  
The Ohio State University

**Jurgen G. Schwarz**

Chair, Department of Agriculture, Food,  
and Resource Sciences  
1890 Associate Research Director  
University of Maryland Eastern Shore

**Todd See**

Head, Department of Animal Science  
Carolina State University

The educated differ  
from the uneducated  
as much as the living  
differ from the dead.

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ARISTOTLE

# FOOD SYSTEMS LEADERSHIP INSTITUTE LEADERSHIP AWARDS

## ROY A. ARNOLD

Provost Emeritus, Oregon State University  
Vice Chancellor Emeritus, Institute of  
Agriculture and Natural Resources  
University of Nebraska–Lincoln

In 1967, Roy Arnold joined the University of Nebraska–Lincoln (UNL) faculty. There he served as assistant director and interim director of resident instruction in the College of Agriculture, head of the Department of Food Science and Technology, dean and director of the Nebraska Agricultural Experiment Station, and vice chancellor of the UNL Institute of Agriculture and Natural Resources. He later served as dean of the College of Agricultural Sciences, provost and executive vice president, and as executive associate dean of the College of Agricultural Sciences at Oregon State University (OSU).

Arnold provided vision and leadership in the establishment of UNL Food Processing Center and the Food Innovation Center in Portland, Oregon. He also supported the development and initiation of the APLU Food Systems Leadership Institute (FSLI), initially helping to facilitate the work of the design team that developed the grant proposal to the W.K. Kellogg Foundation to fund the establishment of the program. He served on the FSLI advisory committee in its initial years and on the APLU Food Systems Leadership Commission.

Arnold acted as national president of the Institute of Food Technologists (IFT), received distinguished teaching awards from UNL and IFT, and is a Fellow in both IFT and the American Association for the Advancement of Science.

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



## VICTOR ‘VIC’ L. LECHTENBERG

Professor and Dean Emeritus of Agriculture  
Purdue University

Purdue University’s Professor and Dean Emeritus of Agriculture Victor L. Lechtenberg joined the faculty as a professor of agronomy in 1971 and taught crop science and conducted research on forage and biomass crops. He later served as associate director of Purdue’s Agricultural Research Programs and the executive associate dean of agriculture.

Lechtenberg served as Purdue’s dean of agriculture from 1993 to 2004, and most recently was acting vice president for academic affairs and provost and the director of the Purdue Center for Regional Development. Additionally, he was Purdue’s vice provost for engagement, interim provost, and interim vice president for governmental relations. As vice provost for engagement, he led Purdue’s engagement and outreach efforts to governmental agencies, corporate leaders, schools, and community leaders across Indiana and beyond. Although now retired, he continues to serve in a minor role as special assistant to the president of Purdue.

Lechtenberg has written nearly 200 technical papers, abstracts, and book chapters. He served on several national and international boards and review panels, including six years as chair of the U.S. Department of Agriculture’s National Agricultural Research, Extension, Education and Economics Advisory Board. He is a Fellow of the American Society of Agronomy and the Crop Science Society of America.

He earned a bachelor’s degree from the University of Nebraska and a doctorate from Purdue University.







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1307 New York Avenue, NW, Suite 400  
Washington, D.C. 20005-4722



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1307 New York Avenue NW, Suites 5 and 6  
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