



A COMMUNITY  
*of* SCHOLARS  
HONORING  
EXCELLENCE

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2011



2011

Food and  
Agricultural Sciences  
Excellence  
in College and  
University  
Awards Program

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A COMMUNITY  
*of* SCHOLARS  
HONORING  
EXCELLENCE



*Chavonda Jacobs-Young*

**CHAVONDA JACOBS-  
YOUNG, PH.D.**

Acting Director  
National Institute of Food and  
Agriculture  
U.S. Department of Agriculture

## INTRODUCTION

As we approach the 150th anniversary celebrating the historic partnership between the states and the federal government that established the land-grant university system, America faces many compelling economic, social, and environmental challenges. Among others, these include sustaining our natural resources, ensuring safe and nutritious food, providing clean and abundant water, responding to climate change, developing renewable energy, and improving human health. Increasingly, our nation—and the world—looks to the public university system, local Extension offices, and Agricultural and Forestry Experiment Stations for measured and meaningful solutions to these challenges. Our coordinated system of institutions, agencies, and associations allows us to respond by engaging talented, committed, and exceptional individuals. Maintaining this commitment to serve the public and provide for our communities is a hallmark of the dedicated cadre of food and agricultural sciences professionals, several of whom we honor today. The United States Department of Agriculture is pleased to support the recognition of these individuals for their accomplishments.

For two decades, USDA and the Association of Public

and Land-grant Universities have worked together to recognize the extraordinary efforts of a select group of educators, researchers, and extension specialists at this national awards ceremony. The Excellence in College and University Teaching awards recognize university faculty members for sparking interest in students and producing our future graduates. Those honored for their commitment to programs in lifelong learning and important contributions to the improvement of communities are awarded the Excellence in Extension award. The National Extension Diversity Award acknowledges outstanding efforts and accomplishments within Cooperative Extension to achieve and sustain diverse cultures and abilities. Multistate Research Award recipients are recognized for the collaborative efforts of several state Agricultural Experiment Stations working together to address a critical, regional problem.

With these awards, we not only honor this group of recipients who have given of themselves and made outstanding contributions to the improvement of our communities, but we also recognize the foresight of establishing an educational, extension, and research system that encourages the best of all its participants and partners.



*Muriel G. Howard*

**MURIEL HOWARD**

President, AASCU

*Peter McPherson*

**PETER MCPHERSON**

President, A·P·L·U

## 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 2011 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.

*S*omewhere,  
something  
incredible is  
waiting to  
be known.

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CARL SAGAN



NATIONAL  
TEACHING  
AWARDS

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2011



## KERRY K. LITZENBERG

Presidential Professor, Regents Professor,  
and Minnie Steven Piper Professor  
Agricultural Economics  
Texas A&M University

Since 1979, Dr. Kerry Litzenberg has dedicated his career at Texas A&M University to teaching more than 10,000 students to become productive professionals. Committed to helping students use classroom theory in practical agribusiness situations, he currently instructs marketing and sales courses and coordinates student internships in TAMU's Department of Agricultural Economics, and he also teaches part time in the Mays College of Business. He has utilized technology throughout his career to enhance his teaching, incorporating microcomputer technology in his courses in the early 1980s, developing electronic career counseling software, and creating video software supplemental course instruction in recent years. His scholarship and publication focus on how students are motivated and identifying the skills they need to be successful in agribusiness careers.

Dr. Litzenberg is committed to the development of new generations of college teachers through his work with A&M's Faculty Teaching Academy in the Center for Teaching Excellence. He also coordinates the peer teaching review in the Department of Agricultural Economics. He regularly hosts classroom visitors to observe his teaching skills during any typical semester, and he is a constant coach for young teachers at Texas A&M.

In 2010, Litzenberg was awarded the prestigious Texas A&M Presidential Professor of Teaching Excellence, which has been awarded to two faculty members each year since 2005. His research and teaching record also were recognized with the Texas A&M University System Regents Professorship in 2009.

He earned B.S., M.S., and Ph.D degrees from Purdue University.

# ROBERT A. MILVAE

Associate Professor  
Animal Science  
University of Connecticut



An associate professor who joined the University of Connecticut's Department of Animal Science in 1986, Dr. Robert Milvae emphasizes hands-on, experiential learning in his undergraduate reproductive physiology and laboratory animal science courses. He recently initiated a new teaching program related to the horse racing industry and is responsible for a travel class, California Field Studies in Veterinary Medicine and the Racehorse Industry, which is an on-campus course. He also coordinates a professional internship course, serves as the academic advisor for 60 to 70 undergraduate students, and is one of three pre-veterinary advisors in the department. His teaching philosophy is to keep it simple, make it relevant, emphasize important concepts, make it challenging, induce a sense of self-achievement, and do so while having fun.

Milvae's research focuses on the hormonal communication between the uterus and the corpus luteum of the ovary in ruminants. The objectives of this research are to improve fertility and decrease embryonic mortality in all mammalian species.

Dr. Milvae has received many awards for his teaching, including the UCONN's College of Agriculture & Natural Resources Alumni Association Outstanding Teaching Award, Gamma Sigma Delta Teaching Award, Alumni Association Excellence in Teaching Award, Undergraduate Student Government's Outstanding Educator Award, and the Institute for Teaching & Learning's Teaching Fellow Award.

Milvae received a B.S. degree from Michigan State University and M.S. and Ph.D. degrees from Cornell University.

*L*earning is a  
treasure that will  
follow its owner  
everywhere.

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CHINESE PROVERB



REGIONAL  
TEACHING  
AWARDS

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2011

## C. LEE BURRAS

Professor, Agronomy and Geology  
Iowa State University

C. Lee Burras joined Iowa State University's Department of Agronomy in 1995. Now a professor of both agronomy and geology, he teaches on-campus classes pertaining to soils, the environment, and geography, as well as a variety of immersion courses at Iowa Lakeside Laboratory and internationally. Additionally, he maintains advising and research responsibilities and serves as his department's director of undergraduate teaching.



Dr. Burras aims to facilitate each student's ability to apply subject-based knowledge to the broader context of the needs of Iowa, the nation, and the world. His corollary goal is ensuring each student understands their profession will change dramatically over their careers, and that as a college-educated professional, they need to be proactive and creative in shaping that future. As an academic adviser, he strives to instill professionalism that includes a respect for the past and present balanced with excitement about the future.

He researches soil formation and distribution, especially in locations where agriculture has been practiced over the long term. Much of his work is integrated with the National Cooperative Soil Survey Program.

Burras received ISU's Louis M. Thompson Distinguished Undergraduate Teacher Award and Outstanding Adviser Award, the Soil Science Society of America Resident Education Award, and the American Society of Agronomy Resident Education Award.

He earned B.S. and M.S. degrees from Iowa State University and a Ph.D. from The Ohio State University.

## DALE A. COLEMAN

Associate Professor, Animal Sciences  
Auburn University

Associate Professor Dale Coleman joined Auburn University's Department of Animal Sciences in 1984. He teaches a variety of undergraduate courses, including orientation, introduction, reproductive physiology and careers, and he coordinates the undergraduate teaching, advising, internship and international studies programs. Additionally, he provides initial advising for all incoming animal science students and assists in career placement of seniors.



Dr. Coleman advises several student organizations and honor societies, including the Block & Bridle Club and Omicron Delta Kappa Leadership Honor Society, and he has served as president of the university's chapters of Phi Kappa Phi and Gamma Sigma Delta honor societies. He serves on numerous committees, including a continuing presidential appointment as co-chair of the university's graduation committee. His service to professional societies has included a term as president of the Southern Section of the American Society of Animal Science and four years service on the ASAS national board.

Coleman has received numerous awards for teaching from his college, as well as from Auburn's Student Government Association, Alumni Association, and Ag Alumni. He also has received awards for advising from his college, the SGA, and the National Academic Advising Association. Coleman is a popular speaker at student and alumni events and was recognized with the Algernon Sydney Sullivan Award in 2010.

He earned a B.S. from Colorado State University and M.S. and Ph.D. degrees from West Virginia University.

## ASHIM K. DATTA

Professor, Biological and  
Environmental Engineering  
Cornell University

**D**r. Ashim K. Datta's teaching and research programs are built around the application of transport phenomena (e.g., energy and water transport, fluid flow) in biological processes. He initiated, developed, and teaches



two intertwined fundamentals and applications courses that are in the very center of the emerging discipline of biological engineering. These courses contribute significantly to defining a unique and sustainable biological engineering curriculum at Cornell University and elsewhere. Datta takes particular pride in seeing how the two courses have integrated essential concepts of engineering education such as simulation, real-world problem solving, active learning, and teamwork.

His research on developing engineering models of food process, quality, and safety has primarily been funded by the National Science Foundation and the USDA's National Research Initiative, Agriculture and Food Research Initiative, and National Integrated Food Safety Initiative programs. He has more than 80 referred journal publications and has co-edited research monographs in food process modeling, microwave processing, and food properties.

Datta received the State University of New York Chancellor's Award for Excellence in Teaching and the Michael Tien '72 Excellence in Teaching Award from Cornell's College of Engineering. On several occasions, he has been invited to give lectures on enhancing the learning experience in a technical course through increased interaction.

Datta received a B. Tech. from the Indian Institute of Technology, M.S. from the University of Illinois, and Ph.D. from the University of Florida.

## ALLEN M. FEATHERSTONE

Professor, Agricultural Economics  
Director, Master of Agribusiness Program  
Kansas State University

**S**ince joining Kansas State University's Department of Agricultural Economics in 1986, Dr. Allen M. Featherstone has taught a variety of undergraduate and graduate classes. His courses include an experiential course in



conjunction with Frontier Farm Credit where the class functions as a board of directors, as well as a Comparative Food and Agriculture Systems course that is team taught with eight international professors to educate students on the global dimensions of agriculture. In 1998, he guided the development of KSU's award-winning Master in Agribusiness degree, a distance-education program for individuals whose career and family status do not allow access to a traditional on-campus degree program.

Featherstone's research program has resulted in more than 100 articles published in peer-reviewed journals. A leading agriculture finance scholar, Dr. Featherstone has assisted the industry on mergers, loan loss severity, the influence of taxes on farm land, and alternative federal tax systems.

Dr. Featherstone has been recognized as a leader at the university, regional, national, and international levels and received numerous awards for his efforts in undergraduate and graduate teaching, including the American Agricultural Economics Association's Distinguished Graduate Teacher. He was also honored with several prestigious distance education awards for his efforts in administering and teaching in the Master of Agribusiness program.

Featherstone earned a B.S. from the University of Wisconsin-River Falls and M.S. and Ph.D. degrees from Purdue University.

Education  
is the  
movement  
from  
darkness  
to light.

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ALLAN BLOOM

## RICHARD W. HARTEL

Professor, Food Science  
University of Wisconsin-Madison

A food science professor at the University of Wisconsin-Madison, Dr. Rich Hartel provides a unique and fun learning environment. Known for bringing food to class, he engages students in experiential learning by relating food with the principles being covered. For example, students compare homemade fruit leathers with those Hartel makes in class as the process is followed on a phase/state diagram. Or, Peeps are dunked in liquid nitrogen to demonstrate the effects of freezing rate on ice formation. He uses these activities in his public presentations as well; for example, learners compare various chocolate products as he documents specific points.



His dedication to teaching and learning is apparent in a host of activities—he teaches a wide range of classes from freshman to graduate level, has numerous student advisees, engages in curriculum and professional development at all levels, provides industry training, and is widely invited for public outreach presentations. Through these activities, he works with many diverse learners, from high school students and incoming freshmen to all levels of adult learners.

Hartel is also recognized as a world-class researcher and a widely-published author. He has more than 110 peer-reviewed publications based on his research program and 10 books that span from student development guidebooks to advanced technical references.

He earned a B.A. from The State College of New York, Potsdam and M.S. and Ph.D. degrees from Colorado State University.



NEW  
TEACHER  
AWARDS

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2011

## MIRIAM FERZLI

Teaching Assistant Professor, Biology  
North Carolina State University

Dr. Miriam Ferzli's involvement with teaching began during her graduate career at North Carolina State University. Since then, she has dedicated her life's work to the betterment of education and the scholarship of teaching and learning. Currently a Teaching Assistant Professor in the Department of Biology in the College of Agriculture and Life Sciences, her approach to teaching focuses on giving students an active role in the learning process. She strives to provide them the opportunity to help shape learning activities so they develop a sense of ownership about the learning process. Her mission is to help students attain strong academic skills by helping them understand what it means to be a scholar—how to ask questions, seek answers, solve problems, and work within a community of teachers and learners.

Over the past years, Ferzli has taken the lead in issues dealing with teaching effectiveness. She is the recipient of NCSU's University Outstanding Teaching Award and the CALS Outstanding Adviser Award. She is also an Education Fellow for the National Academies of Science and a member of the Academy of Outstanding Teachers.

Dr. Ferzli received B.A. and B.S. degrees from the University of Miami and her master's and Ph.D. degrees from North Carolina State University.



## TRACY KITCHEL

Associate Professor, Agricultural Education  
Director, Graduate Studies  
University of Missouri

In his courses at the University of Missouri, Associate Professor Tracy Kitchel strives to push and empower his students, knowing it is through empowerment that he can best equip them to solve complex problems that exist in the real world. He has served as both an associate professor of agricultural education and the director of graduate studies in UM's Department of Agricultural Education since 2010, teaching courses in personal leadership development, teaching methods, research methods, data analysis/interpretation, and teacher education.

Prior to 2010, Kitchel spent five years on the University of Kentucky faculty. Additionally, he was the founding director for the UK College of Agriculture Center for Excellence in Teaching and Learning.

Kitchel's research focuses on understanding the novice to expert movement of teachers. He has published 17 articles in seven different journals and earned approximately \$230,000 in grants. He also co-edited and was a chapter co-author for the book *Preparing and Advancing Teaching in Agricultural Education*, which was published in 2010.

Kitchel serves as treasurer for the American Association of Agricultural Education. He was awarded outstanding journal article awards in *NACTA Journal* and the *Career and Technical Education Research* journal. He received UK's College of Agriculture Outstanding Adviser Award and the Provost Teaching Award for Non-tenured Faculty.

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



# UNIVERSITIES OF EXCELLENCE

As recognized by the Excellence in College and University Teaching Awards

University of Florida (12)	Utah State University (3)
Kansas State University (11)	Washington State University (3)
University of Illinois (11)	California State University, Fresno (2)
Cornell University (9)	Delaware State University (2)
Texas A&M University (9)	Langston University (2)
Iowa State University (7)	South Dakota State University (2)
The Ohio State University (7)	University of California, Davis (2)
University of Connecticut (7)	University of Vermont (2)
North Carolina State University (6)	Auburn University (1)
Purdue University (6)	California State Polytechnic University, Pomona (1)
New Mexico State University (5)	California State University, Chico (1)
Oklahoma State University (5)	Clemson University (1)
University of Georgia (5)	Florida State University (1)
University of Missouri-Columbia (5)	Illinois State University (1)
Colorado State University (4)	Michigan State University (1)
Rutgers, The State University of New Jersey (4)	Montclair State University (1)
The Pennsylvania State University (4)	North Carolina Agricultural and Technical State University (1)
University of Arizona (4)	Southern University and A&M College (1)
University of Arkansas at Fayetteville (4)	Southwest Missouri State University (1)
University of Nebraska (4)	Tarleton State University (1)
University of Rhode Island (4)	Texas Tech University (1)
Virginia Polytechnic Institute and State University (4)	University of Delaware (1)
Louisiana State University (3)	University of Hawaii (1)
Oregon State University (3)	University of Maryland, College Park (1)
University of Idaho (3)	University of Michigan (1)
University of Kentucky (3)	University of Nevada, Reno (1)
University of Massachusetts (3)	University of North Carolina, Greensboro (1)
University of Minnesota (3)	University of Wisconsin-River Falls (1)
University of Wisconsin-Madison (3)	
University of Wyoming (3)	

*() denotes number of recipients*

# ROLL OF RECIPIENTS

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## Excellence in College and University Teaching Awards

### NATIONAL

George Acquah  
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

Daniel L. Civco  
University of Connecticut, 2007

Michael J. Ellerbrock  
Virginia Polytechnic Institute  
and State University, 2002

Ronald J. Hanson  
University of Nebraska-Lincoln, 2003

Kerry K. Litzenberg  
Texas A&M University, 2011

Prasanta K. Kalita  
University of Illinois, 2005

M. Douglas Kenealy  
Iowa State University, 2009

Lyle G. McNeal  
Utah State University, 2003

Joshua J. Millspaugh  
University of Missouri, 2008

Robert A. Milvae  
University of Connecticut, 2011

Gail Romberger Nonnecke  
Iowa State University, 2006

Michael A. Reiter  
Delaware State University, 2005

Rick D. Rudd  
University of Florida, 2006

Shelly J. Schmidt  
University of Illinois, 2002

Ricky W. Telg  
University of Florida, 2010

R. Elaine Turner  
University of Florida, 2004

M. Susie Whittington  
The Ohio State University, 2008

### NORTH CENTRAL REGION

Jay T. Akridge  
Purdue University, 2003

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

Richard W. Hartel  
University of Wisconsin-Madison, 2011

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

Keith M. Irvin  
The Ohio State University, 2003

Sara J. Kadolph  
Iowa State University, 2002

Darrel J. Kesler  
University of Illinois, 2002

James B. Kliebenstein  
Iowa State University, 2006

Laurie F. Kramer  
University of Illinois, 2004

Donald Jiann-Tyng Liu  
University of Minnesota, 2007

## Excellence in College and University Teaching Awards, continued

Christian Y. Oseto  
Purdue University, 2008

Richard C. Schultz  
Iowa State University, 2008

Michael F. Smith  
University of Missouri, 2010

Janice C. Swanson  
Kansas State University, 2004

Michel A. Wattiaux  
University of Wisconsin-Madison, 2009

Kimberly A. Williams  
Kansas State University, 2009

### NORTHEAST REGION

Louis DeMont Albright  
Cornell University, 2005

Ashim K. Datta  
Cornell University, 2011

David M. Galton  
Cornell University, 2003

Karl Guillard  
University of Connecticut, 2002

Paul Heinz Heinemann  
The Pennsylvania State University, 2004

Thomas P. Husband  
University of Rhode Island, 2007

Barbara A. Knuth  
Cornell University, 2002

Roger Arthur LeBrun  
University of Rhode Island, 2006

David A. Levitsky  
Cornell University, 2009

Rama B. Radhakrishna  
The Pennsylvania State University, 2010

Karen M. Schaich  
Rutgers, The State University of  
New Jersey, 2003

Robert S. Tyzbir  
University of Vermont, 2004

### SOUTHERN REGION

George Acquah  
Langston University, 2002

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

Sarah Liberman Ash  
North Carolina State University, 2007

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

William Lucas Flowers  
North Carolina State University, 2005

Jeffory A. Hattey  
Oklahoma State University, 2008

Donald Mack Johnson  
University of Arkansas at Fayetteville, 2004

Michael E. Kane  
University of Florida, 2009

James W. Knight  
Virginia Polytechnic Institute and  
State University, 2002

Grace Wasike Namwamba  
Southern University and  
A&M College, 2003

Douglas C. Needham  
Oklahoma State University, 2006

Sue E. Nokes  
University of Kentucky, 2003

Lawrence R. 'Dick' Oliver  
University of Arkansas, 2009

Carol Elliot O'Neil  
Louisiana State University, 2005

## Excellence in College and University Teaching Awards, continued

Robert L. Shewfelt  
University of Georgia, 2008

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

Joseph J. Cech, Jr.  
University of California, Davis, 2003

Stephen Devadoss  
University of Idaho, 2010

William D. “Dan” Edge  
Oregon State University, 2002

John F. “Jack” Elliot  
University of Arizona, 2002

Wanda H. Howell  
University of Arizona, 2003

James A. Knight  
University of Arizona, 2007

Judith L. Li  
Oregon State University, 2005

Dennis T. Ray  
University of Arizona, 2009

Richard Stanley Zack  
Washington State University, 2004

### NEW TEACHER

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

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, 2006

Brian E. Myers  
University of Florida, 2008

Franklin Bailey Norwood  
Oklahoma State University, 2005

T. Grady Roberts  
University of Florida, 2010

Lori Unruh Snyder  
Purdue University, 2009

Amanda D. Weaver  
South Dakota State University, 2010



NATIONAL AWARD  
FOR EXCELLENCE  
IN EXTENSION

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2011



## BARBARA CHAMBERLIN

Extension Specialist, Instructional Design and Educational Technology  
New Mexico State University

As part of her work at New Mexico State University's Learning Games Lab, Dr. Barbara Chamberlin researches how games and other types of technology affect learning, and she leads the development of a wide variety of games and tools. Almost all of her work is grant-funded, requiring active submission of proposals and extensive partnerships with other universities. Currently, she is focused on several projects, including math games for middle school students, tools to retain undergraduate students in ag-related sciences, a game to help students understand food safety as they learn to cook, and an obesity-prevention project using video games that encourage physical activity.

Her leadership has resulted in highly effective games, animations, videos, and interactive learning models for Extension. She oversees game development, serves as instructional design expert, and conducts research on effectiveness and usability. Her games and interactive programs attract youth and diverse clientele who are often not reached through Extension's traditional programs.

She has secured projects totaling approximately \$45 million to date. Under her leadership, NMSU was among the first from Cooperative Extension to publish interactive learning applications for the iPod, iPhone, and iPad, with apps released on the Apple app store the day the iPad was released. She has published more than 30 interactive games or learning modules on content as diverse as math, science, health, agriculture, and food safety.

Previously a stand-up comic, Dr. Chamberlin often speaks nationally, from keynote addresses at 4-H conferences to lectures and workshops at games and learning conferences. She is currently preparing a book on designing educational games, a text for using exergames in the classroom, and several chapters and articles on the game research and development in the Learning Games Lab.

Chamberlin received a B.A. and M.A. from NMSU and a Ph.D. from the University of Virginia.



REGIONAL AWARDS  
FOR EXCELLENCE  
IN EXTENSION

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2011

## 1890 REGION

### CLAUDETTE L. SMITH

Interim Associate Administrator,  
FCS/4-H Program Leader,  
Family Resource Management Specialist  
North Carolina Agricultural  
and Technical State University

**D**r. Claudette L. Smith's passion is to help people improve their circumstances, and she constantly encourages and motivates young people professionally and personally. During the 34 years she has been with Cooperative Extension, first in Virginia and now in North Carolina, Smith has worked to create high-quality, interactive, hands-on curriculum, and she is known for the passion and creativity she brings to her financial management presentations.



Smith spearheaded statewide training focused on effective programming with limited resource consumers. She also provides technical support for the Individual Development Account programs in the state. More recently, she has helped the North Carolina Agricultural and Technical State University strengthen and refine its 4-H efforts by creating programming for youth that is focused on reducing childhood obesity and science, technology, and engineering and math, ultimately generating more than \$100,000 for these efforts. She works collaboratively to solve problems, assembling the multidisciplinary team at A&T that developed the 2010 4-H National Youth Science Day Experiment, 4-H2O.

Smith has presented at numerous conferences and workshops; serves on dozens of state, regional, and national committees and organizations; and works aggressively with other 1890 and 1862 institutions to support all family and consumer sciences efforts.

She has a B.S. from North Carolina Agricultural and Technical State University, an M.S. from Cornell University, and a Ph.D. from The Ohio State University.

## NORTH CENTRAL REGION

### KATHLEEN A. LODL

Professor and Associate Dean  
University of Nebraska-Lincoln

**D**r. Kathleen Lodl has served the people of Nebraska through her work with the University of Nebraska-Lincoln Extension for nearly 20 years. During that time, she served as 4-H youth development specialist and is now associate dean focusing on youth and family programs. She has provided leadership for UNL Extension Action teams, which form the foundation for extension programming statewide, and is responsible for Family, Youth, and Community Partners, a statewide team of stakeholders who advocate for youth and family programs at UNL.



Lodl is currently the principal investigator for the Child and Youth Training and Technical Assistance program funded by the Department of Defense and the National Institute of Food and Agriculture. This project is designed to help young children be successful by increasing the quality and quantity of child care for off-installation military families in 13 targeted states. As part of the project, each state has created a strategic plan for professional development of child care providers and is offering educational programs to meet identified needs.

She has been the major advisor for 16 graduate students, co-authored two books, written 24 refereed journal articles, and given more than 40 refereed presentations. She has garnered \$9.5 million in grants to develop, deliver, and improve programming designed to improve the lives of the individuals, families, and communities with whom she works.

Lodl earned B.S., M.S., and Ph.D. degrees from the University of Nebraska-Lincoln.

## NORTHEAST REGION

### ELIZABETH “BETSY” GREENE

Professor and Extension Equine Specialist  
Department of Animal Science  
University of Vermont

As a state extension equine specialist, Dr. Betsy Greene has created effective programming at the University of Vermont since 2000. She works closely with state and community partners including Vermont’s Farm Bureau, Agency of Agriculture, and Horse Council to identify and address pertinent issues affecting the equine industry.



Greene has co-authored a series of high traffic area/pasture management booklets, a Self-Guided Horse Facility Analysis, an Equine Biosecurity Guide, and more. Her collaborations with Vermont’s equine industry have produced eight annual “Everything Equine” events that feature seminars, demonstrations, and a forum where equine enthusiasts, academic experts, and industry professionals interact. She has authored more than 50 peer-reviewed articles and conference papers and has been awarded, leveraged, or subcontracted more than \$660,000 since arriving at UVM.

Dr. Greene has provided significant leadership for many organizations, including eXtension HorseQuest, Equine Science Society, American Society of Animal Science, and the National Association of County Agricultural Agents. Her collaborative and individual efforts have been recognized with the Joint Council of Extension Professionals Excellence in Teamwork Award, USDA National Institute of Food and Agriculture’s Partnership Award, Equine Science Society Outstanding Young Professional Award, Equine Educator of the Year, and the National eXtension Outstanding Community of Practice and Individual Achievement awards.

She earned A.A.S. and B.S. degrees from Morehead State University, an M.S. from University of Arizona, and a Ph.D. from Kansas State University.

## SOUTHERN REGION

### LISA WHITTLESEY

Extension Program Specialist  
Horticultural Science, Texas AgriLife Extension  
Texas A&M University

The primary focus of Lisa Whittlesey’s work with the Texas AgriLife Extension Service is providing leadership and management for the Junior Master Gardener® (JMG®) program.



Whittlesey created and trademarked JMG® in 1999 to grow good kids by “igniting a passion for learning, success, and service through a unique gardening experience.”

Under Whittlesey’s leadership, JMG® is a recognized 4-H curriculum project, targeting youth ages 9 to 18. One year after its inception, the program had 50 JMG® groups in Texas, representing over 3,500 children. In 2002, the JMG® program began expanding to other states through Cooperative Extension at land-grant universities. Today, the program operates in all 50 states, currently with 38 land-grant universities signing partnership agreements to coordinate and deliver it, as well as internationally with projects in South Korea and Latin America. In 2010, more than 260,000 children were enrolled in the program.

Whittlesey’s grants total more than \$6.2 million, including a \$5 million 2011 grant from the new USDA Agriculture and Food Research Initiative, for which she serves as a co-investigator. Additionally, sales of JMG® curriculum items generate \$150,000 annually in revenue to support JMG personnel and publishing.

Whittlesey has received several honors, including TAMU’s 2011 *Distinguished Achievement Award* and the Texas AgriLife Extension Service *Superior Service Award*, the highest award presented by her agency.

She received B.S. and M.S. degrees from Texas A&M University.

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

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SAMUEL JOHNSON

## WESTERN REGION

### MICHAEL P. VOGEL

Professor and Montana Extension Housing  
and Environmental Health Specialist  
Program Leader, Extension Family  
and Consumer Sciences  
Montana State University

Director of the largest extension housing program in the United States, Dr. Mike Vogel leads a professional staff of 23 to create and offer a comprehensive and proactive outreach, distance learning, and research agenda dealing with tribal housing, low-income weatherization assistance, alternative energy, and healthy housing, among other things. He is also executive director of the international professional organization, Housing Education and Research Association.



He has prepared and provided leadership for 268 separate successful grants totaling \$18,305,688. He has also contributed to eight books and produced 103 technical training manuals/kits, 49 research/technical reports, 163 consumer bulletins and fact sheets, and 16 technical video programs. Four of these video programs have been used by public television and one was awarded the USDA Gold Award.

Dr. Vogel's honors include a 2009 Governor and Commissioner of Higher Education appointment to the Montana State Emergency Response Commission and a 2008 Western Extension Director Honorable Mention for "Meth in Tribal Communities." He received MetLife Foundation's National Family Caregiving Award—Alzheimer's Caregiving at Home Toolkit in 2007; a 2005 Montana State University Provost's Excellence in Outreach Award; and a 2005 EPA Children's Environmental Health Recognition for Native Asthma Intervention and Reduction.

Vogel began working with MSU Extension in 1982. He received B.S. and M.S. degrees from the University of North Dakota and an Ed.D. from West Virginia University.



NATIONAL  
EXTENSION  
DIVERSITY  
AWARD

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2011



## PEOPLE OF THE LAND UNIVERSITY OF NEVADA

“People of the Land” is the result of a Western Sustainable Agriculture Research and Education professional development program that addresses the educational needs of agricultural and natural resource professionals working with American Indian agricultural producers within a four-state region of the western United States. The program goal is to increase the capacity of agricultural professionals to work as effectively as possible on Indian lands.

Historically, Indian agricultural producers’ participation in USDA-sponsored programs has been low, and USDA administrators have described their difficulty reaching this audience. “People of the Land” improves this situation with a professional development program that enhances USDA professionals’ appreciation and understanding of reservation life while involving American Indian agricultural producers in the planning, design, implementation, and educational outreach needed to satisfy human food and fiber needs on reservation lands.

The program results from a three-year, quality-of-life assessment of American Indians and USDA professionals, who expressed difficulty in helping Indian agricultural producers develop sustainable practices on reservation farms and ranches. The program includes content on land tenure and water rights issues that are unique to Indian reservation lands.

Impact measures show that agency officials completing “People of the Land” increased knowledge of key reservation issues, including land tenure, fractionated lands, Indian governance, and Indian irrigation projects. This will help them provide programs on tribal lands that are more culturally accepted and more appealing to Indian agricultural producers, increasing participation and erasing perceptions that the programs are inaccessible.

The 166-page “People of the Land” textbook is already in its second printing, and University of Nevada Cooperative Extension educators and authors Staci Emm and Loretta Singletary are working on two related publications—one focusing on Nevada tribes and another written for Nevada students. Emm and Singletary received a second grant to expand their research to the Navajo and Hopi reservations in the southwestern United States.

# AWARD FOR EXCELLENCE IN EXTENSION

## NATIONAL

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

Barbara Chamberlin  
New Mexico State University, 2011

Ronald J. Hustedde  
University of Kentucky, 2007

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

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

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

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

## 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

Richard K. Koelsch  
University of Nebraska-Lincoln, 2006

Kathleen A. Lodl  
University of Nebraska-Lincoln, 2011

Richard J. Rasby  
University of Nebraska-Lincoln, 2008

## NORTHEAST REGION

Chester Arnold  
University of Connecticut, 2009

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

## SOUTHERN REGION

Clark D. Garland  
University of Tennessee, 2010

Robert C. Hochmuth  
University of Florida, 2006

Garry D. Lacefield  
University of Kentucky, 2008

Mark L. McFarland  
Texas A&M University, 2009

Nancy M. Porter  
Clemson University, 2007

Lisa Whittlesey  
Texas A&M University, 2011

## Award for Excellence in Extension, continued

### WESTERN REGION

Michael Bondi  
Oregon State University, 2010

Susan Donaldson  
University of Nevada, 2006

Daniel L. Fagerlie  
Washington State University, 2009

Donald B. Meehan  
Washington State University, 2008

Marcia R. Ostrom  
Washington State University, 2007

Michael P. Vogel  
Montana State University, 2011

### NATIONAL EXTENSION DIVERSITY AWARD

Kathy Castania  
Cornell University, 2003

Marilyn Corbin  
The Pennsylvania State University, 2005

Curtis Gear  
University of Wisconsin, 1996

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

The University of California Small Farm  
Program, 2010

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

# UNIVERSITIES OF EXCELLENCE

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As recognized by the Award for Excellence in Extension

University of Nebraska-Lincoln (5)	New Mexico State University (1)
Rutgers, The State University of New Jersey (3)	North Carolina A&T State University (1)
University of Arkansas at Pine Bluff (3)	Oregon State University (1)
University of Nevada, Reno (3)	University of California, Davis (1)
Washington State University (3)	University of Connecticut (1)
Tennessee State University (2)	University of Delaware (1)
Texas A&M University (2)	University of Florida (1)
University of Kentucky (2)	University of Minnesota (1)
Clemson University (1)	University of Tennessee (1)
Kansas State University (1)	University of Vermont (1)
Montana State University (1)	

# UNIVERSITIES OF EXCELLENCE

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As recognized by the National Extension Diversity Award

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

*() denotes number of recipients*

*R*esearch  
is to see what  
everybody else  
has seen, and  
to think what  
nobody else has  
thought.

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ALBERT SZENT-GYORGYI



NATIONAL  
EXCELLENCE IN  
MULTISTATE  
RESEARCH AWARD

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2011

# S-1032

Improving the Sustainability of Livestock and Poultry Production in the United States

The great diversity of U.S. agriculture—including livestock and poultry—has afforded citizens attractive choices of healthy, high-value food and fiber. As population and wealth significantly increase worldwide, demand for livestock and poultry products is increasing, resulting in stresses on resources and the environment. Animal agriculture is also becoming more complex—fundamental changes in the management and operation of agricultural facilities are occurring, global markets and standards are becoming important industry drivers, and the public is starting to significantly influence food production systems through consumer choices. The need for a systems-oriented, quantitative understanding of how livestock and poultry production fits into an increasingly holistic concept of economic, social, and environmental sustainability at local, regional, and global scales has never been more apparent.

S-1032's team of scientists, engineers, economists, policy analysts, and educators focuses on animal agriculture sustainability by advancing the development of system-level models to characterize the interactions between livestock production systems, people, natural resources, environmental stresses, economics, and ecological and public health indicators. To move toward sustainability, S-1032 members are working together in developing and educating stakeholders on specific processes that span the life cycle of animal agriculture. Included are integrated projects across the United States on formulating animal diets to reduce nutrient and air pollution, developing and evaluating novel manure management systems, many of which recycle carbon and nutrients to energy and fertilizer products, conducting economic analyses to support efficient resource allocations, and developing and implementing diverse educational programs, all of which have the potential for adoption of more sustainable production systems and increase in farm profitability.



Activities conducted by S-1032 helped members publish over 40 journal articles, conference proceedings, and extension documents in 2011 alone. Members contributed to the nationally recognized “Managing Contaminated Animal and Plant Materials: Field Guide on Best Practices,” “Livestock and Poultry Environmental Stewardship National Curriculum,” National GHG Inventory Tool for Animal Agriculture, the Livestock Poultry Environmental Learning Center (a national eXtension Community of Practice), and the USDA Task Force on Agricultural Air Quality, which sought to standardize the engineering units in which AFO air-emissions data are presented.



## PARTICIPATING INSTITUTIONS

Auburn University	University of Arkansas
Louisiana State University	University of California, Davis
Michigan State University	University of Georgia
North Carolina State University	University of Illinois at Urbana-Champaign
North Dakota State University	University of Maryland, College Park
Ohio State University-Wooster	University of Minnesota
Purdue University	University of Nebraska
Texas Agrilife Research-Amarillo	USDA-ARS Southeast Watershed Research Laboratory
West Texas A&M University	

## EXCELLENCE IN MULTISTATE RESEARCH AWARD

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



FOOD SYSTEMS  
LEADERSHIP  
INSTITUTE

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2011

# 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 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 University of Vermont 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.

The FSLI is committed to developing additional partnerships with individuals and organizations dedicated to leadership development and food systems.

## FOOD SYSTEMS LEADERSHIP INSTITUTE COHORT 5 FELLOWS

William Batchelor  
Dean, College of Agriculture  
Director, Alabama Agricultural  
Experiment Station  
Auburn University

Linda Berlin  
Director, Center for Sustainable Agriculture  
Faculty, Department of Nutrition and  
Food Sciences  
University of Vermont

Carrie L. Castille  
Deputy Assistant Commissioner  
Department of Agriculture and Forestry  
State of Louisiana

Patrick D. Colyer  
Interim Associate Director, Experiment Station  
Northwest Regional Director, Agricultural Center  
Louisiana State University

Nelson Daniels  
Associate Extension Administrator and  
Program Leader  
Agriculture and Natural Resources,  
Cooperative Extension  
Prairie View A&M University

Susan Fritz  
Associate Vice President, Academic Affairs  
University of Nebraska

Lisa A. Guion  
Assistant Dean, Diversity, Outreach  
and Engagement  
Professor, Agricultural and Extension Education  
North Carolina State University

Richard Linton  
Professor and Chair, Department of Food Science  
and Technology  
The Ohio State University

Steve Martin  
Extension Economist and Head  
Delta Research and Extension Center  
Mississippi State University

Neal R. Merchen  
Professor and Head, Animal Sciences  
University of Illinois at Urbana-Champaign

Bill Randle  
Dean, School of Agriculture and  
Environmental Sciences  
North Carolina A&T State University

All the  
world is a  
laboratory  
to the  
inquiring  
mind.

---

MARTIN H. FISCHER

## Food Systems Leadership Institute Cohort 5 Fellows, continued

Mark Rieger  
Associate Dean, College of Agricultural  
and Life Sciences, IFAS  
University of Florida

Daniel Schmitz  
Laboratory Director, Abbott Nutrition  
Abbott Laboratories

Zachary Senwo  
Professor and Director of Research Programs  
School of Agricultural and  
Environmental Sciences  
Alabama A&M University

Christine A. Steele  
Director, Science, Innovation & Education  
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Abbott Laboratories

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and Sustainable Systems  
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College of Natural and Applied Sciences  
Western Pacific Tropical Research Center

Scott Willard  
Department Head, Biochemistry, Molecular  
Biology, Entomology and Plant Pathology  
Mississippi State University

Charlene Wolf-Hall  
Assistant Dean, College of Graduate  
and Interdisciplinary Studies  
North Dakota State University





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