

2021

**Food and
Agricultural Sciences
Excellence
in College and
University
Awards Program**

*A Community
of Scholars
Honoring
Excellence*

INTRODUCTION

As we made it through the past year of great changes and challenges, you rose to the challenge each and every time. Through our continued partnership with the Association of Public and Land-grant Universities, including our Land-grant Universities and Non-land-grant Universities, we are cultivating ground-breaking discoveries that help our nation's farmers and families, ranchers, producers, and ultimately consumers, while rapidly responding to a global health emergency impacting our work from every angle.

As we work together to promote the most pressing needs of the people we serve—especially in developing climate-smart agriculture and forestry, nutrition security, a resilient and robust agricultural supply chain, a thriving rural economy, and equity in access and opportunities—there is no other group I would rather partner with

than you. I am confident we can make a real difference across this great nation.

This year also has been a year of incredible growth for the National Institute of Food and Agriculture. We are working diligently to build and train our workforce for an improved, forward-focused agency, working closely with our partners and investing in science to deliver solutions for the challenges that face our nation. We will embrace this exceptional opportunity to be the nation's leader in agricultural science innovation.

Today, we recognize the extraordinary efforts of educators, teachers, researchers, leaders, and extension professionals whose work creates a tremendous positive impact for those we serve.

Our congratulations to every member of the family of universities, and to the award winners being recognized today.



DR. CARRIE CASTILLE
*Director, USDA National Institute
of Food and Agriculture*

APLU PRESIDENT'S LETTER

At the heart of public higher education's mission to promote the common good are the educators and researchers who cultivate their students' talents, spark pathbreaking innovations, and serve their regions by addressing the most pressing issues facing their communities.

Each year, we recognize these vital contributions. As president of the Association of Public and Land-grant Universities, I congratulate the 2021 recipients of the Food and Agriculture Excellence Awards. They have distinguished themselves through their efforts to improve our world through research, teaching, and community engagement.

This year's winners have demonstrated a deep commitment to advancing the public good through their teaching, public engagement, and research. The past year, as our country has struggled with the pandemic, has challenged educators and researchers in new and important ways, but the recipients of this year's awards have risen above these extraordinary challenges to serve their students, universities, and communities in new and powerful ways.

Congratulations to this year's winners. We're deeply grateful for your ironclad commitment to service and excellence.



PETER MCPHERSON

*President, Association of Public
& Land-grant Universities*





National
Teaching
Awards

2021



Anna Dilger

Animal Sciences

University of Illinois, Urbana-Champaign

Recognized for her energy and enthusiasm in the classroom, Anna Dilger believes successful teaching begins by empowering students to take responsibility for their own learning. Anna attempts to build on the prior knowledge of her students by using stories and examples from everyday life even with complex subjects. Through frequent feedback, she guides students to assess their own learning and uses student feedback to shape the direction of each course.

Dr. Dilger is an associate professor and undergraduate coordinator for the University of Illinois Department of Animal Sciences. During her 10 years at Illinois, she has taught eight different courses for community college, introductory and advanced undergraduate, and graduate students. While many of her courses are focused on her discipline of meat science and muscle biology, Anna is also passionate about introducing students to contemporary issues in animal sciences and agriculture.

Dr. Dilger's excellence in teaching has been recognized through the University of Illinois College of ACES Faculty Award for Excellence in Teaching, the American Society of Animal Science Midwest Section Outstanding Young Teacher Award, and by her students rating her as an excellent teacher 40 times. She was also honored by Purdue University Department of Animal Sciences as a Distinguished Alumni and as a Book-Harmon Leadership Fellow. In addition to teaching, Dr. Dilger has published 85 research articles and is PI or Co-PI for grants in excess of \$5 million. She is also active in public outreach communicating science to the public through her involvement in Animal Frontiers and as the incoming president of the Council for Agricultural Science and Technology.

Anna earned her bachelor's (2002) and Master of Science (2004) degrees at Purdue University and her Ph.D. at the University of Illinois (2009).



Nick Fuhrman

*Agricultural Leadership, Education & Communication
University of Georgia*

Known by his students and colleagues alike as “Ranger Nick,” his life’s passion is teaching, often using live animals (such as snakes, turtles, and owls) in the classroom and on his monthly national television series, “Ranger Nick.” One of Nick’s hallmark courses at the University of Georgia is “Teaching with Animals,” an undergraduate course designed to prepare students of any major to teach others while using animals as ambassadors of educational messages. When safely handled, the animals help take the attention off of the student speaking, making them a more relaxed, conversational speaker. Students are trained how to handle Nick’s collection of teaching animals during public presentations while forming a genuine, caring relationship with their audience. The culminating activity in this course includes Nick’s students taking his animals to visit and teach youth with special needs, an experience that is life changing for all involved.

Nick has been humbled with 29 recognitions for his classroom teaching and television work, including being named a Josiah Meigs Distinguished Teaching Professor, the University of Georgia’s highest recognition for teaching excellence. In 2018, he delivered a TED Talk, “The One Thing All Great Teachers Do” where he shares his passion for teaching and working with students.

Nick earned B.S. and M.S. degrees in Forestry from Virginia Tech and a Ph.D. in Agricultural Education and Communication, with an emphasis in Environmental Education, from the University of Florida.





Regional
Teaching
Awards

2021

Sanjeev Anand

*Dairy and Food Science
South Dakota State University*

Sanjeev Anand is a well-recognized and highly respected dairy science professional, specialized in microbiological quality and safety of dairy foods, with about 36 years of teaching and research experience. Dr. Anand joined South Dakota State University in 2006, as an Assistant Professor of Dairy Manufacturing. Since 2014, he holds the rank of Professor in the Dairy and Food Science Department, within the College of Agriculture, Food and Environmental Sciences. Prior to this, he worked for the Agricultural Research Services, Indian Council of Agricultural Research from 1985-2006. He was also a visiting professor at the Canadian Research Institute for Food Safety, University of Guelph, ON (2001-2002). Dr. Anand teaches two undergraduate level courses: Dairy Microbiology (DS 301-301L), and Food Microbiology (MICR 311-311L), and a graduate level course: Advanced Dairy and Food Microbiology (DS 722), since 2006. He has mentored 32 undergraduate student research projects and has served as a major advisor to 20 M.S., 7 Ph.D. and 3 Post Doc Research Associates. Dr. Anand has authored 126 peer reviewed research publications and reviews, 117 conference posters and abstracts, and has 91 invited lectures to his credit.



Dr. Anand is a recipient of several professional awards such as 2020 IDFA Research Award, 2018 IDFA Teaching Award, 2020 Fishback Honors Advocate, 2019 Gamma Sigma Delta Teaching award, to name a few. He also served on ADSA Foundation Board (2019-22) and ADSA dairy Foods Division (2017-19).

Dr. Anand obtained his M.S. and Ph.D. degrees in Dairy Microbiology from the National Dairy Research Institute, India.

Pete Bettinger

*Forestry and Natural Resources
University of Georgia*

Pete Bettinger is a professor in the School of Forestry and Natural Resources at the University of Georgia. He has been teaching classes in forest measurements, planning, and management for nearly 25 years. Since joining the University of Georgia faculty in 2002, he has been engaged in extensive efforts to impact and inform first-year college students through late-career, seasoned professionals. Dr. Bettinger provides real-world insight to his students from his experiences as a practicing forester and his interactions with seasoned professionals through continuing education courses and conferences that he has delivered. He is co-author of three widely used forestry textbooks, *Forest Management and Planning*, *Introduction to Forestry and Natural Resources*, and *Geographic Information Systems in Natural Resource Management*.



Dr. Bettinger views interactions with students as synergistic, as both he and his students benefit from an increased understanding of the world in which they operate. Active learning experiences and state-of-the-art technology are pervasive in Dr. Bettinger's classes. He employs multiple forms of technology aimed at increasing involvement, inclusion, and engagement in the learning process while promoting a more social, participatory learning environment. Throughout it all, he emphasizes how the collection of good information can improve the decisions people make in their personal and professional lives.

In recognition of his efforts as both a teacher and researcher, Dr. Bettinger was named the Hargreaves Distinguished Professor in Forest Management at the University of Georgia, and he recently was honored with the Carl Alwin Schenck Award from the Society of American Foresters for devotion and outstanding performance in the field of forestry education. For his teaching efforts within the School of Forestry and Natural Resources at the University of Georgia, he has received four teaching awards. In 2018, Dr. Bettinger was selected as a Fellow in the Society of American Foresters.

Dr. Bettinger earned from Virginia Tech a B.S. and M.S. in Forestry and Forest Economics and Management, respectively, and a Ph.D. in Forest Resources from Oregon State University.

Kathrin Dunlap

*Animal Sciences
Texas A&M University*

Kathrin Dunlap has a stellar record of excellence in teaching and serves as the Associate Department Head for Academics for the Texas A&M University Department of Animal Science. Dr. Dunlap earned a B.S. and M.S. in Animal Science from Oregon State University and a Ph.D. in Reproductive Physiology from Texas A&M University. Since 2015, she has instructed more than 2,500 students and is an engaged member of the University community in the areas of innovative and inclusive education.



As a non-traditional animal science student herself, she is aware of the cultural pressure that exists within the discipline and has developed courses that do not include an assumption of previous exposure to agricultural and animal science. Her courses reflect her commitment to creating discipline relevant content that is respectful of the varied perspectives of her students.

She is a leader in the implementation of a revised departmental curriculum and served as a guest faculty member at Texas A&M University, Qatar, where she developed animal science programs. In addition to traditional courses, her expertise in virtual learning was critical in the spring of 2020 when she facilitated the conversion of 35 classes and 80 laboratory sections to a fully online delivery in 10 days.

Kathrin serves as a mentor for Posse Scholars and has received multiple awards for teaching, including the Honor Professor Award, the College Teaching Award from the Association of Former Students, the Provost Academic Professional Track Faculty Teaching Excellence Award and a Center for Teaching Excellence faculty fellowship.

Jon W. Ramsey

*Agricultural Education, Communications and Leadership
Oklahoma State University*

A former public-school educator, Jon Ramsey's experience in the classroom guides his work with agricultural educators. As a professor, Dr. Ramsey's support of agricultural educators begins with high school students interested in teaching careers and continues decades into their careers.



Dr. Ramsey anchors his teaching philosophy on student success. He believes students are a direct reflection of the program, institution, and faculty. In addition, he focuses his teaching on preparing students who have identified school-based agricultural education as their college major and career choice, equipping them to effectively deliver instruction and leadership to agricultural programs in Oklahoma and other states.

During his nineteen years at Oklahoma State University, Dr. Ramsey has invested in over five hundred pre-service teachers; conservatively, 75% have entered the teaching profession as school-based agricultural education instructors.

Dr. Ramsey has been recognized for his teaching and academic advising at the departmental, university and national level. Most recently, he received the Oklahoma State University Award for Academic Advisement and the American Association for Agricultural Education Distinguished Agricultural Educator Award.

Dr. Ramsey's contribution to the scholarship of teaching and learning includes 20 peer reviewed journal articles and abstracts, 70 peer reviewed conference presentations and poster presentations, and several popular press articles focused on teaching and learning in the context of school-based agricultural education.

Jon earned his academic degrees from Oklahoma State University: Bachelor's (1986); Master of Science (1994) and a Ph.D. (2009).

Dean L. Winward

*Agriculture and Nutrition Science
Southern Utah University*

Dean Winward joined the faculty at Southern Utah University in 1990. He uses many learning approaches in his classes to facilitate and capture students' different learning styles. Included are providing experiential and service-learning opportunities, promoting internships, flipping classroom instruction, using thought-provoking discussion particularly related to current events, and developing and utilization of critical thinking skills in problem solving. Though COVID had a big impact on presentation modes, its impact was also a topic of discussions. He is continually looking for lessons to bring to the classroom and emphasizes learning as a life-long process. His research includes invasive species management, soil-moisture monitoring and irrigation efficiencies, all of which have student and community involvement and have resulted in several publications and presentations. Winward teaches courses in soils, crops, irrigation, pests, forages, and a general education class titled Agriculture and Society, is an advisor to the SUU Agriculture Club and oversees the university farm and agriculture program.



Winward has been recognized for his outstanding teaching, service and scholarly activity with the North American Colleges and Teachers of Agriculture (NACTA) Teaching Scholar Award; NACTA Teacher Fellow Award; Utah Campus Compact Civilly Engaged Scholar Award; Intergovernmental Internship Cooperative (IIC)—Advisor of the Year Award; SUU Distinguished Faculty Award; SUU Service Clubs Outstanding Professor Award. He received an Associate degree from Ricks College and B.S. and M.S. degrees from Utah State University.

Linda Yarrow

*Food, Nutrition, Dietetics and Health
Kansas State University*

How do you learn effectively? Is it when you understand how to use information and apply it? Is it when you make emotional connections? Is it when you have exposure in a variety of formats? Is it when you can practice application repeatedly? Is it when you are physically engaged and learning while playing games?



All the above represent the teaching of Dr. Yarrow, who believes students should be actively involved in learning, be able to apply learning, and form physical, emotional and intellectual connections that solidify the learning process. And why not have fun in the process?

For 11 years, Dr. Yarrow has taught medical nutrition therapy to an interdisciplinary set of pre-health students. Being concurrently active in clinical practice creates a rich learning environment allowing her to provide real-life patient scenarios as students complete numerous case studies as well as gain experience with electronic health records. Learning is further enhanced through music, videos, guest speakers, extra practice sessions, and games.

Dr. Yarrow has received numerous awards: Commerce Bank Outstanding Undergraduate Teaching Award, Myers-Alford Teaching Award, Excellence in Online Teaching, Mortar Board Outstanding Faculty, and SIDLIT Innovation in Teaching. As the director of her departments' Guatemala Education Abroad program, Dr. Yarrow values the importance of international experiences so students gain cultural experiences and become globally competent which enhances personal growth and career opportunities.

Dr. Yarrow earned a B.S. in Vocational Home Economics Education, an M.S. in Institutional Management, and a Ph.D. in Human Nutrition, all from Kansas State University.



Early Career
Teacher
Awards

2021

Beatrix Haggard

*Plant and Soil Sciences
Oklahoma State University*

Beatrix Haggard knew that she wanted to teach as soon as she started her undergraduate program. The opportunities to lecture came even quicker when she lectured in Intro Soils for her advisor as a sophomore. This was one of the first steps that kept her on track to one day teach at a university. She continually tries to meet her students where they are and help them learn based on their own experiences. Many of her students did not grow up on a farm, and she is able to show them that it doesn't have to stand in the way of learning about agriculture.



Dr. Haggard is the advisor for the Crops Team and co-advisor for the Agronomy Club in the Plant and Soil Sciences Department at Oklahoma State University. She loves to travel with her students and see them experience places they may not have been able to go otherwise. It is a humbling experience to be with college students for their first flight or their first time to cross the Mississippi River.

She has also been the recipient of the Ferguson College of Agriculture Early Career Award for Excellence in Teaching, and the Department of Leadership and Campus Life—Outstanding Faculty of the Year.

Beatrix Haggard earned her bachelor's from Tarleton State University and her Ph.D. from Louisiana State University.

Jamie Loizzo

*Agricultural Education and Communications
University of Florida*

Jamie Loizzo's overall teaching goal is to prepare the next generation of science communicators in agricultural and natural resources to have the knowledge and skills to increase public science literacy for informed decision-making. She has developed, implemented, and researched project-based learning courses to engage students in a variety of STEM contexts for the creation of real-world communication projects at the University of Florida (UF) currently and the University of Nebraska-Lincoln (UNL) previously.



Dr. Loizzo loves to work with students to create and test new science communication techniques and technologies. She has developed numerous partnerships with scientists, labs, and centers to engage science communication students in a variety of agricultural and environmental topics. Loizzo founded and facilitates Streaming Science, an online science communication and outreach platform to share collegiate student-driven photo essays, podcasts, videos, and 360° photo virtual reality tours. She has worked with undergraduate and graduate students to develop electronic field trip models connecting scientists with PK-12 schools and to publish research about the program's impacts. Loizzo also conducts education research on Massive Open Online Courses (MOOCs). She co-founded The MOOCocracy Project and new software to foster socially-democratic adult learning environments for engagement and attitude-change about critical issues.

The North American Colleges and Teachers of Agriculture (NACTA), American Association for Agricultural Education, UF College of Agricultural and Life Sciences, and UNL College of Agricultural Sciences and Natural Resources have recognized Loizzo for excellence in teaching.

Loizzo earned her Bachelor of Arts degree in radio television (news) from Southern Illinois University-Carbondale and Master of Science in Education and doctorate degrees from Purdue University in Learning Design and Technology.



National Teaching
and Student
Engagement
Awards

2021

James C. Anderson II

*Agricultural Leadership, Education and Communication
University of Georgia*

James Anderson is an Associate Professor of Agricultural Leadership and ALEC Graduate Program Coordinator with 25 years of experience in agricultural education. Grounded in culturally responsive learning, Dr. Anderson has developed and taught 32 graduate and undergraduate courses in global leadership, leadership ethics, collaborative problem solving, effective approaches to leadership development, inclusive leadership practices, research methods, curriculum instruction and design, service learning, and effective written and oral communications. He teaches leadership to 300 undergraduate, master's, and doctoral students annually. Dr. Anderson formally advises or has advised 34 undergraduate Leadership and Service certificate seekers, 30 master's students, and 14 doctoral students; and served on academic advisory committees for over two dozen graduate students. Dr. Anderson co-facilitates the Long-Term Strategic Planning Committee for the National Society for Minorities in Agriculture, Natural Resources, and Related Sciences (MANRRS), serves as the faculty advisor for the UGA Chapter of MANRRS, and provides cultural awareness training for student organizations at UGA, resulting in him being named the recipient of the CAES Faculty Award for Diversity.



Dr. Anderson's scholarly pursuits have led to over \$3.3 million in funding to design and evaluate educational and training programs that build human capacity, especially among underrepresented, underserved, and marginalized groups. He has created a summer institute for urban agriculture and life sciences educators to implement culturally responsive pedagogy into their curricula, co-facilitates a faculty learning community on the scholarship and praxis of transformative mentoring and has developed a mentoring model called the R.I.S.E. Model for Transformative Mentoring. In 2019, he was named one of three Faculty Fellows for Public Service and Outreach for developing and piloting a comprehensive 6-part mentor training program for the R.I.S.E. Model.

Dr. Anderson received his Ph.D. from the University of Missouri in Agricultural Education, his M.A. from the University of Delaware in Economics and Entrepreneurship, and his B.S. from the University of Illinois in Agricultural Education.

Erica Irlbeck

*Agricultural Communications
Texas Tech University*

Erica Irlbeck is a professor of agricultural communications at Texas Tech University. In her 15-year career, she has taught 11 different undergraduate and seven graduate courses at Texas Tech, mostly in video production, risk and crisis communications, professionalism, and strategic communications. She has chaired or served on 70 graduate committees. Her teaching has been awarded at the local and national levels.



In addition, she is faculty supervisor for Picador Creative, a communications service center established in 2014 by the Department of Agricultural Education & Communications. Picador Creative provides scholarships and hands-on experience to students while filling a much-needed role for agricultural organizations, businesses and individuals in the Lubbock and South Plains communities.

Irlbeck's research areas are in agriculture in television media, risk and crisis communications, and agricultural communications curriculum. Her research has been published in nearly 50 journal articles and in 100 academic presentations. She has led or contributed to projects totaling nearly \$2 million in funding from federal and private sources.

Irlbeck serves the industry at local, state, regional, and national levels. She is president of the Western Region American Association for Agricultural Education, superintendent of the Texas FFA Agricultural Communications Career Development Event, and is a committee member for the National FFA Agricultural Communications Career Development Event. Locally, she serves on the Lubbock County Farm Bureau Board of Directors and is the leader of Hub City 4H Club.

Prior to her academic career, Irlbeck worked in agricultural television news, farm radio, public relations, and advertising. She received her doctorate in agricultural education and a master's in agricultural communications from Texas Tech. Her bachelor's degree in agricultural communications is from Oklahoma State.

Erica is married to Scott, who farms wheat and grain sorghum in the Texas Panhandle. They have one son, Jett.

TEACHING AWARDS SELECTION PANEL

Mark Kistler

*Dean
School of Agriculture and Natural Resources
Abraham Baldwin Agricultural College*

John Stier

*Associate Dean
Herbert College of Agriculture
University of Tennessee, Knoxville*

Nina Lyon-Bennett

*Assistant Dean for Academics
School of Agriculture, Fisheries,
and Human Sciences
University of Arkansas, Pine Bluff*

Brian Warnick

*Associate Dean of Academic Programs
College of Agriculture and Applied Sciences
Utah State University*

Dan Moser

*Associate Dean for Academic Programs
College of Agriculture
Kansas State University*

Karen Wassarman

*Associate Dean for Academic Affairs
College of Agriculture and Life Sciences
University of Wisconsin-Madison*

Becky Sartini

*Associate Dean for Academic Affairs
College of the Environment and Life Sciences
University of Rhode Island*

UNIVERSITIES OF EXCELLENCE

As recognized by the Excellence in College and University Teaching Awards

University of Florida (21)	University of Massachusetts (3)
Kansas State University (17)	University of Minnesota (3)
Texas A&M University (16)	University of Wisconsin–Madison (3)
University of Illinois (15)	Washington State University (3)
Oklahoma State University (14)	Auburn University (2)
Iowa State University (12)	California State University, Fresno (2)
The University of Georgia (12)	Clemson University (2)
Cornell University (11)	Langston University (2)
Purdue University (11)	Michigan State University (2)
The Ohio State University (11)	North Dakota State University (2)
North Carolina State University (11)	Southern University and A&M College (2)
University of Connecticut (9)	University of California, Riverside (2)
University of Missouri–Columbia (7)	University of Delaware (2)
Colorado State University (6)	University of Vermont (2)
The Pennsylvania State University (6)	California State Polytechnic University, Pomona (1)
Utah State University (6)	California State University, Chico (1)
New Mexico State University (5)	Florida State University (1)
South Dakota State University (5)	Illinois State University (1)
University of Arizona (5)	Montclair State University (1)
University of Arkansas at Fayetteville (5)	North Carolina Agricultural and Technical State University (1)
University of Nebraska (5)	Southern Utah University (1)
Rutgers, The State University of New Jersey (4)	Southwest Missouri State University (1)
Sam Houston State University (4)	Tarleton State University (1)
Texas Tech University (4)	University of Findlay (1)
University of California, Davis (4)	University of Hawaii (1)
University of Idaho (4)	University of Maryland, College Park (1)
University of Kentucky (4)	University of Maryland Eastern Shore (1)
University of Rhode Island (4)	University of Michigan (1)
University of Wyoming (4)	University of Nevada, Reno (1)
Virginia Polytechnic Institute and State University (4)	University of North Carolina, Greensboro (1)
Delaware State University (3)	University of Wisconsin–River Falls (1)
Louisiana State University (3)	West Virginia University (1)
Oregon State University (3)	

() denotes number of recipients since inception of awards in 1992

ROLL OF RECIPIENTS

Excellence in College and University Teaching Awards (2008–2021)

NATIONAL

Teresa C. Balsler

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

John L. Crompton

Texas A&M University, 2012

Dennis R. Decoteau

The Pennsylvania State University, 2019

Anna Dilger

University of Illinois, Urbana-Champaign, 2021

Liz Flaherty

Purdue University, 2020

Garey A. Fox

Oklahoma State University, 2015

Nick Fuhrman

University of Georgia, 2021

Tiffany M. Heng-Moss

University of Nebraska–Lincoln, 2013

Shida R. Henneberry

Oklahoma State University, 2014

M. Douglas Kenealy

Iowa State University, 2009

Kerry K. Litzenberg

Texas A&M University, 2011

Steven M. Lonergan

Iowa State University, 2018

Gretchen Mafi

Oklahoma State University, 2020

Joshua J. Millspaugh

University of Missouri, 2008

Robert A. Milvae

University of Connecticut, 2011

Gregory Möller

University of Idaho, 2014

S. Suzanne Nielsen

Purdue University, 2017

F. Bailey Norwood

Oklahoma State University, 2016

Candice A. Shoemaker

Kansas State University, 2012

Michelle S. Shroeder-Moreno

North Carolina State University, 2019

Ricky W. Telg

University of Florida, 2010

Ann Marie VanDerZanden

Iowa State University, 2017

Michael E. Wetzstein

The University of Georgia, 2013

M. Susie Whittington

The Ohio State University, 2008

X. Ben Wu

Texas A&M University, 2018

NORTH CENTRAL REGION

Sanjeev Anand

South Dakota State University, 2021

Anna L. Ball

University of Missouri, 2014

Jason Scott Bergtold

Kansas State University, 2018

Michael Boland

Kansas State University, 2008

Emily B. Buck

The Ohio State University, 2016

C. Lee Burras

Iowa State University, 2011

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

Walter L. Hurley

University of Illinois, 2014

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

Brian H. Lower
The Ohio State University, 2016

Christian Y. Oseto
Purdue University, 2008

Kevin L. Schalinske
Iowa State University, 2019

Richard C. Schultz
Iowa State University, 2008

Aleksan Shanoyan
Kansas State University, 2020

Janice Marie Siegford
Michigan State University, 2017

Michael F. Smith
University of Missouri, 2010

Daniel U. Thomson
Kansas State University, 2012

Cheryl Joy Wachenheim
North Dakota State University, 2018

Michel A. Wattiaux
University of Wisconsin–Madison, 2009

Brian D. Whitaker
University of Findlay, 2020

Kimberly A. Williams
Kansas State University, 2009

Cody L. Wright
South Dakota State University, 2019

Linda Yarrow
Kansas State University, 2021

Curtis R. Youngs
Iowa State University, 2014

NORTHEAST REGION

Kenneth P. Blemings
West Virginia University, 2012

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

Ashim K. Datta
Cornell University, 2011

Joshua Martin Duke
University of Delaware, 2018

John C. Ewing
The Pennsylvania State University, 2016

Thomas P. Husband
University of Rhode Island, 2007

James P. Lassoie
Cornell University, 2014

David A. Levitsky
Cornell University, 2009

Lurline E. Marsh
University of Maryland Eastern Shore, 2019

Antonio DiTommaso
Cornell University, 2019

Gulnihal Ozbay
Delaware State University, 2020

Rama B. Radhakrishna
The Pennsylvania State University, 2010

Steven Andrew Zinn
University of Connecticut, 2017

SOUTHERN REGION

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

Pete Bettinger
University of Georgia, 2021

Marcy M. Beverly
Sam Houston State University, 2019

J. Chance Brooks
Texas Tech University, 2014

Dale A. Coleman
Auburn University, 2011

Kathrin Dunlap
Texas A&M University, 2021

Molly Espey
Clemson University, 2012

L. Suzanne Goodell
North Carolina State University, 2017

Jeffery A. Hattey
Oklahoma State University, 2008

Susan K. Jacobson
University of Florida, 2017

Michael E. Kane
University of Florida, 2009

Stanley F. Kelley
Sam Houston State University, 2012

Robert A. Lane
Sam Houston State University, 2017

Robert McCleery
University of Florida, 2020

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

Kimberly A. Moore
University of Florida, 2018

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

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

Jon W. Ramsey
Oklahoma State University, 2021

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

Julianne Treme
North Carolina State University, 2020

George W. Wardlow
University of Arkansas at Fayetteville, 2008

Alan Elliott Wilson
Auburn University, 2018

Elizabeth B. Wilson
North Carolina State University, 2010

WESTERN REGION

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

Matthew Mars
The University of Arizona, 2020

Timothy D. Paine
University of California, Riverside, 2015

Dennis T. Ray
The University of Arizona, 2009

William E. Walton
University of California, Riverside, 2018

Brian K. Warnick
Utah State University, 2013

Karen C. Williams
University of Wyoming, 2012

Dean Winward
Southern Utah University, 2021

EARLY CAREER

Abigail Borron
The University of Georgia, 2019

Leslie D. Edgar
University of Arkansas, 2013

Kellie J. Enns
Colorado State University, 2014

Miriam Ferzli
North Carolina State University, 2011

Suzanne M. Gray
The Ohio State University, 2020

Beatrice Haggard
Oklahoma State University, 2021

Jason D. Hans
University of Kentucky, 2009

Jennifer L. Hardesty
University of Illinois, 2008

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

Amy L. Kaleita
Iowa State University, 2007

Tracy Kitchel
University of Missouri, 2011

Rebecca G. Lawver
Utah State University, 2016

Jamie Loizzo
University of Florida, 2021

Andrea Lucky
University of Florida, 2019

Michael L. Mashtare, Jr.
Purdue University, 2018

Eric S. McLamore
University of Florida, 2016

Courtney A. Meyers
Texas Tech University, 2015

Chad T. Miller
Kansas State University, 2017

Christine Whitney Miller
University of Florida, 2017

Joy Morgan
North Carolina State University, 2020

Brian E. Myers
University of Florida, 2008

Maria Navarro
The University of Georgia, 2012

Haley F. Oliver
Purdue University, 2014

Ranjith Ramanathan
Oklahoma State University, 2018

Michael S. Retallick
Iowa State University, 2012

T. Grady Roberts
University of Florida, 2010

Tyson Sorensen
Utah State University, 2020

Lori Unruh Snyder
Purdue University, 2009

Jennifer R. Strong
Texas A&M University, 2015

Amanda D. Weaver
South Dakota State University, 2010

NATIONAL TEACHING AND STUDENT ENGAGEMENT

James C. Anderson II
University of Georgia, 2021

W. Wyatt Hoback
Oklahoma State University, 2020

Erica Irlbeck
Texas Tech University, 2021

Elizabeth L. Karcher
Purdue University, 2019

Monika W. Oli
University of Florida, 2018

Shelly Peper Sitton
Oklahoma State University, 2018

John D. Tummons
University of Missouri, 2019

Nicholas Uilk
South Dakota State University, 2020



National Award
for Excellence
in Extension

2021



Ann Allgood Berry

*Professor and Consumer Economics Specialist
University of Tennessee*

Ann Allgood Berry is a professor and consumer economics Extension specialist in the Department of Family and Consumer Sciences at the University of Tennessee. She began her Extension career in 1983 at LSU as a youth educator. Her work centers in affordable housing, personal finance, credit, and taxes.

She has been successful in obtaining \$8.5 million in grants, contracts, endowments, and gifts for consumer economics programs. Program successes have resulted from numerous partnerships and collaborations garnering \$5.5 million in outside funding. Her partnership with the Tennessee Housing Development Agency has brought in over \$3 million in revenue for agents and the department.

Since 2007 Berry has provided leadership to the Personal Finance Training for Teachers team. Through this program, 130 workshops have been conducted, training over 12,000 high school teachers who have reached over 1.2 million students in their personal finance classes. Being proactive during the COVID-19 pandemic, Berry and her team converted this training from a two-day in-person workshop format to a hybrid format with ten hours of online coursework and four hours of face-to-face instruction via Zoom. This specialized training is provided at the request of the Tennessee Department of Education.

Nationally, Berry has served as president of Epsilon Sigma Phi (ESP) and secretary of the Joint Council of Extension Professionals. She was awarded the ESP 2020 Visionary Leadership Award. Berry is a graduate of LEAD21.

Berry received a bachelor's degree, master's degree and Ph.D. from Louisiana State University and an MBA from Northeast Louisiana University.



Regional Awards
for Excellence
in Extension

2021

1890S REGION

Michelle L. Eley

*Assistant Professor/Extension Specialist—
Community & Economic Development
College of Agriculture and Environmental Sciences/
Cooperative Extension
North Carolina A&T State University*

Michelle Eley serves as an assistant professor/extension specialist in community & economic development at North Carolina A&T State University. Her work focuses on community engagement, leadership and organizational development, economic development, food systems planning, and emergency preparedness.



As a state specialist, Dr. Eley helps local governments, public and private partners, and community groups investigate and create viable economic and community development strategies. She engages daily with university faculty and staff, local government officials, and external stakeholders. She also leads all Community and Rural Development training activities for Extension at A&T field faculty, volunteers and other clientele. She has contributed to a host of projects with NC State Extension, the Southern Rural Development Center, and her 1890 Extension peers and has leveraged more than \$2 million in external funding to support programs and promote collaborations. Dr. Eley is a respected Extension expert who provides training and technical assistance to staff and external clients and evaluates programs to determine their effectiveness and efficiency. Each year, she works with Extension's statewide Strategic Planning Council to organize and lead the annual Grassroots Leadership Conference—a one-day conference that provides solutions for issues facing North Carolinians.

Nationally, Dr. Eley has served in leadership roles with the National Association of Community Development Extension Professionals and Extension Disaster Education Network. In 2018, she received the Specialist Award from the North Carolina Association of Cooperative Extension Specialists for outstanding work in supporting county programs.

Dr. Eley earned her bachelor's degree from North Carolina A&T and master's and Ph.D. degrees from the University of Illinois, Urbana-Champaign.

NORTH CENTRAL REGION

Ashley L. Mueller

*Associate Extension Educator
Disaster Education Coordinator
University of Nebraska-Lincoln*

Ashley Mueller is an associate Extension educator and Disaster Education Coordinator at the University of Nebraska-Lincoln (UNL) where she has built Nebraska Extension's disaster education program and leads the effort to help Nebraskans prepare for and recover from disasters and extreme weather events. This work includes guiding the development of the organization's incident response framework, fostering new partnerships, increasing the organization's visibility on the state and national levels, and coordinating or supporting projects across all Extension program areas.



Since 2014 Mueller has trained over 300 community leaders, residents, and stakeholders on how to fully plan for and operate Volunteer Reception Centers and leads the My Youth Preparedness Initiative (MyPI) to foster teen preparedness efforts that has certified more than 75 teens across the state. Teams she leads are providing important resources throughout the community including the "Hail Know" project, a resource package for crop producers and agricultural stakeholders focused on the effects of hail. Most recently, Mueller facilitated the development of the Weather Ready Farms designation program designed to improve or increase resilience towards the impacts of extreme weather on Nebraska's farms.

She has received state and national recognition for her work including the 2016 EDEN Chair Award from the Extension Disaster Education Network and the 2015 Excellence in Community Preparedness Award from the Nebraska Emergency Management Agency.

Mueller earned her bachelor's degree from UNL, master's degree from Purdue University, and is currently working toward a Ph.D. from the University of Missouri.

NORTHEAST REGION

Harry Crissy

*Business and Community Vitality Extension Educator
The Pennsylvania State University*

Harry Crissy is a regional Penn State Extension Agent in Northcentral Pennsylvania. Harry works with communities, individuals, and government bodies to identify and implement strategies conducive to both economic growth and environmental health. Harry is a Leadership in Energy and Environmental Design (LEED) accredited professional (LEED for Homes, LEED Building Design and Construction) and has worked domestically and internationally on development projects aimed at improving the circumstances of populations from all economic strata.



His academic research concentration (two MS degrees) at Penn State University focused on economic sustainability and consumer's willingness to pay in tourism and service related industries. In addition, he holds a Professional Master Certification from Villanova University in Applied Project Management that has provided the necessary skills to actualize concepts. He has been working as a regional extension agent for the past 14 years with three different land grant universities and a broad variety of small business and agriculture operations.

His recent work includes efforts aimed at improving broadband access to unserved and underserved communities. By reducing the asymmetry of information between industry and consumers, this work intends to reduce marketplace friction and create a more inclusive understanding of investment and partnership opportunities involving public resources. By working directly with industry and partnering with public bodies at the local, state, and national level, Penn State Extension has been able to create an evolving educational instrument to enable industry actors and public leaders to clarify barriers to service delivery and to develop projects addressing these.

SOUTHERN REGION

Robert C. Kemerait, Jr.

*Professor and Extension Specialist, Plant Pathology
University of Georgia*

Dr. Kemerait is charged with providing Extension outreach to agents and farmers for disease and nematode management of peanut, corn, cotton, and soybeans. These crops are planted on ca. 2.5 million acres annually, and UGA Extension agents in well over half of Georgia's 159 counties must be able to effectively address disease and nematode management issues to help mitigate potential losses affecting profitability of the growers.



His has worked for more than 21 years to develop a program that supports, trains, and mentors UGA Extension agents, graduate students, and undergraduate students from UGA and Abraham Baldwin Agricultural College (ABAC), and the diverse staff whom he employs. His passion extends to helping farmers across Georgia, the United States, and throughout the developing world to include Guyana, Haiti, the Philippines, and Cambodia. His program impact is documented in the expansion of the Peanut Rx risk management tool, advances in disease and nematode management recommendations to increase producer profitability, the achievements and promotions of the UGA Extension agents that he has mentored, and in his efforts to bring better production practices and reduced losses to diseases and aflatoxin among economically-challenged farmers in tropical areas across the globe. The broad scope, diversity, and tenacity of his program to address disease and nematode issues that face growers at home and abroad while at the same time mentoring county agents and students are at the core of his career.

Kemerait received a bachelor's degrees from Davidson College and a bachelor's and Ph.D. from University of Florida.

WESTERN REGION

Ana Lucia Fonseca

*Diversity, Equity and Inclusion Specialist, Extension
Oregon State University*

Ana Lucia Fonseca serves as the state specialist in diversity, equity, and inclusion at Oregon State University Extension Service. Her current focus area is transformative leadership, advancing diversity, equity, and inclusion through responsive educational programs for all learners. Ana Lu's work and expertise combine social behavior with organizational development while considering the intersection with the natural world. In this role, she provides action-oriented leadership through a Diversity Champions education program for employees and partners that has the potential to lead to a community of practice with the Extension Foundation.



Before being a diversity, equity, and inclusion specialist, Ana Lu taught science in a culturally relevant manner

in Spanish and Arabic, teaching dance for visually impaired youth and other healthy living and STEM-related educational programs through the OSU 4-H Program. She also worked with the United Nations to overcome extreme poverty in vulnerable populations through education.

Ana Lu is a recipient of OSU's e Search for Excellence Award, National Association of 4-H Extension Agents Diversity Award (2014), the White House Bright Spots for Hispanic Education Recognition (2015), and a nominee for the Martin Luther King Jr. Celebration Francis Dancy Hooks award in 2019.

Ana Lu is a Ph.D. candidate in Education at Oregon State University, expected to finish in 2022. Her doctoral studies have focused on language, equity, and educational policy. Ana Lu holds an M.S. in Forestry from Oregon State University, emphasizing natural resources education and Extension. Her B.A. in Social Psychology is from the Autonomous University of Queretaro, Mexico.



National
Diversity in
Extension
Award

2021



Coming Together for Racial Understanding Team

See list of universities at <https://bit.ly/CTRUTeam>

Coming Together for Racial Understanding (CTRU) envisions building a community of Cooperative Extension Service (CES) professionals to foster meaningful dialogue-to-change community conversations around race. CTRU is built upon four principles:

- CES is positioned to help organize and facilitate these challenging conversations, as trusted community resources.
- CES must demonstrate in its own practices what it seeks for communities.
- CES must do its own work around race before it can effectively engage communities.
- Dialogues are vital to understanding, and understanding is vital to enduring change.

CTRU Team members first train state multi-institutional (1862/1890/1994) teams who then train other CES professionals from the places they reside to facilitate community dialogue-to-action processes using either *Facing Racism in a Diverse Nation* or *Community Dialogues for Racial Understanding*.

To date, 46 land-grant universities from 29 states attended national CTRU training. These have engaged over 2,500 CES staff in some portion of the CTRU curriculum and are launching community dialogues. Additionally, CTRU teams report:

- Increased personal confidence, empathy, and comfort in conversations on race.
- Greater CES capacity for community conversations on race.
- Deeper relationships among CES colleagues, including across the 1890/1862 systems.
- Advanced opportunities to help examine DEI policies and procedures internally.
- Changed climate—It's OK to talk about race.
- Broadened partnerships for Extension.

CTRU is opening doors to previously taboo conversations, in land-grant universities and communities. CES' participation indicates a hunger for change and an eagerness to make a difference, hallmarks of CES outreach. Now higher education has a mechanism to aid in new ways.

<http://srdc.msstate.edu/civildialogue/index.html>

ROLL OF RECIPIENTS

Excellence in Extension Awards (2008–2021)

NATIONAL

Elizabeth L. Address
The University of Georgia, 2012

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

Ann Allgood Berry
University of Tennessee, 2021

Barbara Chamberlin
New Mexico State University, 2011

Matthew J. Devereaux
University of Tennessee, 2019

Jeffrey T. Edwards
Oklahoma State University, 2013

James D. Ellis (Jamie)
University of Florida, 2020

Stephen D. Green
Texas A&M University, 2016

Robert L. Kallenbach
University of Missouri, 2014

Lesia Oesterreich
Iowa State University, 2018

Joe Outlaw
Texas A&M University, 2015

Louie Rivers, Jr.
Kentucky State University, 2017

Marilyn J. Smith
University of Nevada, 2008

Alison Van Eenennaam
University of California, Davis, 2010

1890'S REGION

Dorothy P. Brandon
Alabama A&M University, 2019

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

Kevin Crenshaw
Alabama A&M University, 2012

Jason de Koff
Tennessee State University, 2018

Michelle L. Eley, Ph.D.
North Carolina A&T State University, 2021

Henry English
University of Arkansas at Pine Bluff, 2014

Karnita Golson-Garner
Alabama A&M University, 2016

Sanjun Gu
North Carolina A&T State University, 2020

David Heikes
University of Arkansas at Pine Bluff, 2010

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

Misty Blue-Terry
*North Carolina Agricultural and Technical
State University, 2017*

Virginie Zoumenou
University of Maryland Eastern Shore, 2015

NORTH CENTRAL REGION

William J. Angell
University of Minnesota, 2009

Lisa Bottomley
Michigan State University, 2020

Nozella L. Brown
Kansas State University, 2016

John DeFrain
University of Nebraska–Lincoln, 2010

Kevin Erb
University of Wisconsin–Extension, 2017

Rick Funston
University of Nebraska–Lincoln, 2014

Julie Garden-Robinson
North Dakota State University, 2015

Kimberly A. Greder
Iowa State University, 2013

Kathleen A. Lodl
University of Nebraska–Lincoln, 2011

Joe D. Luck
University of Nebraska, 2018

Ashley L. Mueller
University of Nebraska-Lincoln, 2021

Richard J. Rasby
University of Nebraska-Lincoln, 2008

Dianne E. Shoemaker
The Ohio State University, 2019

Fred Whitford
Purdue University, 2012

NORTHEAST REGION

Chester Arnold
University of Connecticut, 2009

Chet Arnold
University of Connecticut, 2017

Elaine Bowen
West Virginia University, 2013

Harry Crissy
The Pennsylvania State University, 2021

Molly E. Donovan
University of New Hampshire, 2018

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

Elizabeth “Betsy” Greene
University of Vermont, 2011

Gordon C. Johnson
University of Delaware, 2019

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

Jen Robertson-Honecker
West Virginia University, 2020

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

Damona Doye
Oklahoma State University, 2017

R. Dwayne Elmore
Oklahoma State University, 2018

Clark D. Garland
University of Tennessee, 2010

Denise M. Holston-West
Louisiana State University, 2013

John S. Jacob
Texas A&M University, 2014

Robert C. Kemerait, Jr.
University of Georgia, 2021

Garry D. Lacefield
University of Kentucky, 2008

Mark L. McFarland
Texas A&M University, 2009

Derrell S. Peel
Oklahoma State University, 2015

Mark Peterson
University of Arkansas, 2019

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

Lisa Whittlesey
Texas A&M University, 2011

Hailin Zhang
Oklahoma State University, 2020

WESTERN REGION

Michael Bondi
Oregon State University, 2010

Mary E. Burrows
Montana State University, 2012

Daniel L. Fagerlie
Washington State University, 2009

Ana Lucia Fonseca
Oregon State University, 2021

Marsha A. Goetting
Montana State University, 2017

Brian J. Higginbotham
Utah State University, 2013

Paul A. Hill
Utah State University, 2020

Dana Martin
Oregon State University, 2015

Donald B. Meehan
Washington State University, 2008

Terry Allan Messmer
Utah State University, 2016

Madeleine Sigman-Grant
University of Nevada Cooperative Extension, 2014

David G. Schramm
Utah State University, 2019

Michael P. Vogel
Montana State University, 2011

ROLL OF RECIPIENTS

National Diversity in Extension Awards (2008–2020)

Cesar Asuaje

University of Florida, 2014

Attitudes for Success Youth Leadership Program

Oregon State University, 2017

Coming Together for Racial Understanding Team

See list of universities at <https://bit.ly/CTRUTeam>, 2021

Ronald B. Cox, Jr.

Oklahoma State University, 2018

4-H Center for Youth Development

University of Missouri, 2020

Susan Given-Seymour

Northwest Indian College Cooperative Extension, 2013

Hector Mendiola

Utah State University, 2009

Juntos and Abriendo Caminos Work Teams

Iowa State University, 2019

People of the Land

University of Nevada, 2011

Rural Agricultural Improvement and
Public Relations Project

*New Mexico State University Cooperative
Extension Service, 2008*

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

Michael P. Vogel

*Extension Tribal Housing & Health Program Montana
State University, 2012*

UNIVERSITIES OF EXCELLENCE

As recognized by the Excellence in Extension Awards

University of Nebraska–Lincoln (8)	University of Delaware (2)
Texas A&M University (6)	University of Kentucky (2)
Rutgers, The State University of New Jersey (5)	West Virginia State University (2)
University of Nevada, Reno (5)	Clemson University (1)
Oklahoma State University (5)	Louisiana State University (1)
North Carolina A&T State University (4)	New Mexico State University (1)
University of Arkansas at Pine Bluff (4)	North Dakota State University (1)
Montana State University (3)	Michigan State University (1)
Oregon State University (3)	Purdue University (1)
Tennessee State University (3)	The Pennsylvania State University (1)
The University of Georgia (3)	University of California, Davis (1)
University of Tennessee (3)	University of Florida (2)
Utah State University (3)	University of Maryland Eastern Shore (1)
Washington State University (3)	University of Minnesota (1)
Alabama A&M University (2)	University of Missouri–Columbia (1)
Iowa State University (2)	University of New Hampshire (1)
Kansas State University (2)	University of Vermont (1)
Kentucky State University (2)	University of Wisconsin (1)
University of Connecticut (2)	

UNIVERSITIES OF EXCELLENCE

As recognized by the Diversity in Extension Awards

University of California (4)	Northwest Indian College (1)
Oregon State University (3)	Oklahoma State University (1)
Utah State University (3)	Purdue University (1)
Michigan State University (2)	Texas A&M University (1)
Mississippi State University (2)	University of Florida (1)
The Pennsylvania State University (2)	University of Illinois at Urbana–Champaign (1)
University of Missouri (2)	University of Maine (1)
Cornell University (1)	University of Minnesota (1)
Iowa State University (1)	University of Nebraska (1)
Lincoln University (1)	University of Nevada (1)
Montana State University (1)	University of Wisconsin (1)
New Mexico State University (1)	

() denotes number of recipients



National
Excellence in
Multistate
Research Award

2021

W-4188 Soil, Water, and Environmental Physics to Sustain Agriculture and Natural Resources

Administrative Advisor: Walter Bowen, University of Hawaii

Technical Committee Chair: Ryan Stewart, Virginia Tech

Healthy soils enhance agricultural and environmental sustainability by storing and supplying water, energy, organic materials, and nutrients. Nationwide, soils are stressed by increasing food and energy demands, land use shifts, and climate change. Understanding soil, water, and environmental physics is key to developing solutions that protect our life-supporting soil resources.

For sixty years, researchers from 24+ State Agricultural Experiment Stations have worked together to better understand how water, energy, and nutrients move through and interact with soil. Since its inception, the team has made considerable scientific advances and helped state and federal agencies develop best management practices and policies.

Over the years, research has led to improved soil models and monitoring systems. Project members have developed, tested, and used numerous new mathematical and statistical models and methods. For example, researchers developed and used the HYDRUS software to assess hydraulic, thermal, biogeochemical, microbial, and gaseous processes in soils. HYDRUS has been downloaded 45,100 times and cited more than 10,000 times since 2016. It is now an essential part of soil physics, hydrology, and environmental science courses taught worldwide. Project members have also designed new sensors, data loggers, and other products for agricultural and environmental monitoring at a wide range of scales. Many of these products are sold worldwide to farmers, scientists, and other users by well-known companies, some of which were created by project members.



Relatively recent photo of W4188 members and a few guests.

Tools and data generated by this project have been used in many ways. Findings have been shared widely with stakeholders through academic journals, book chapters, field days, conferences, presentations, and other outlets. New sensors and monitoring systems have been used to improve the efficiency of irrigation practices, decrease leaching and runoff of nutrients and hormones from agricultural land, and enhance our understanding of processes that improve soil health. Information on soil physics and hydrology has been used to design infrastructure that reduces flood risks, identify ways to safely store nuclear waste, and develop techniques that minimize dust and contaminated water drainage from mine tailings. Project members also worked closely and shared information with concerned Navajo farmers after the Gold King Mine Spill. Global climate modelers have used project findings to better understand the role of soil processes in weather and climate patterns. State and federal agencies and municipalities have used data on water quality and quantity to predict drought, manage wildfire risk, and guide conservation initiatives. The team has also collaborated with NASA to find ways to grow plants in space, where soil, water, and nutrients interact in unique ways.

The multistate structure of this project provides a convenient and efficient platform for establishing research collaborations, validating approaches, pooling data, sharing equipment, creating rigorous peer reviews, and educating the next generation of scientists and engineers. The project has led to new collaborative research facilities, which have reduced duplication and enhanced the capacity for and quality of field and laboratory analyses. Lecture and laboratory materials created by project members are used in courses nationwide. Over the past five years, project members have trained more than 200 graduate students and post-doctoral scholars. Members have also played vital roles in bringing together soil scientists and stakeholders through networks like the National Ecological Observatory Network and International Soil Modeling Consortium.

W4188 Soil, Water, and Environmental Physics to Sustain Agriculture and Natural Resources (2019-2024) is funded in part by the Hatch Multistate Research Fund through USDA-NIFA and by grants to project members at participating institutions. Over the last 5 years, this project has leveraged an estimated \$50 million from federal and state competitive awards.

Participating Land-grant Universities include: University of Arizona, University of California-Berkeley, University of California-Davis, University of California-Riverside, Colorado State University, University of Delaware, University of Idaho, Iowa State University, University of Kentucky, Michigan State University, University of Minnesota, Montana State University, University of Nevada-Reno, University of Nevada-Las Vegas, Desert Research Institute, New Mexico State University, North Carolina State University, North Dakota State University, Oklahoma State University, Oregon State University, Pennsylvania State University, University of Tennessee, Texas A&M University, Texas Tech University, Utah State University, Virginia Polytechnic Institute and State University, Washington State University, University of Wisconsin, University of Wyoming,

Other participating institutions include: University of Texas at Austin, USDA-ARS/California and USDA-ARS/Texas.

NATIONAL EXCELLENCE IN MULTISTATE RESEARCH AWARDS

Soil, Water, and Environmental Physics to Sustain
Agriculture and Natural Resources (W-4188),
2021

Social, Economic and Environmental Causes and
Consequences of Demographic Change in
Rural America (W-4001), 2020

Enhancing Microbial Food Safety by Risk Analysis
(S-1056), 2019

Drainage Design and Management Practices to
Improve Water Quality (NCERA-217), 2018

Water Management and Quality for Ornamental
Crop Production and Health (NC-1186), 2017

Fly Management in Animal Agriculture Systems
and Impacts on Animal Health and Food Safety
(S-1060), 2016

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

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

Sweet Potato Collaborators Conference (SERA-5),
2013

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

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

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

Biology, Impact, and Management of Soybean
Insect Pests in Soybean Production Systems
(S-1039), 2009

Porcine Reproductive and Regulatory Disease:
Methods for the Integrated Control, Prevention,
and Elimination of PRRS in United States
Swine (NC-229), 2008

REGIONAL EXCELLENCE IN MULTISTATE RESEARCH AWARDS

NORTH CENTRAL

Soybean Diseases (NCERA137)

Darcy Telenko, Technical Committee Chair
Marty Draper, Administrative Advisor

PARTICIPATING INSTITUTIONS

University of Arkansas
University of Delaware
University of Illinois
Purdue University
Iowa State University
Kansas State University
University of Kentucky
Louisiana State University
Michigan State University
University of Minnesota
Mississippi State University
University of Missouri
North Dakota State University
The Ohio State University
South Dakota State University
University of Tennessee
Virginia Polytechnic Institute and State University
University of Wisconsin

NORTHEAST REGION

Harnessing Chemical Ecology to Address Agricultural Pest and Pollinator Priorities (NE1501)

Denis Willet, Technical Committee Chair
Jan Nyrop, Administrative Advisor

PARTICIPATING INSTITUTIONS

University of California-Davis
Cornell University
University of Illinois
University of Massachusetts
University of Maine
The Pennsylvania State University
Rutgers University
Texas A&M University
University of Vermont

SOUTHERN REGION

S1074 Future Challenges in Animal Production Systems: Seeking Solutions through Focused Facilitation

Lide Chen, Technical Committee Chair
Wendy Powers, Administrative Advisor

PARTICIPATING INSTITUTIONS

University of California-Davis
University of Arkansas
Cornell University
University of Georgia
University of Idaho
University of Illinois at Urbana-Champaign
Iowa State University
Michigan State University
University of Minnesota
University of Missouri
University of Nebraska-Lincoln
North Carolina State University
North Dakota State University
The Ohio State University
Oklahoma State University
South Dakota State University
Texas A&M University
Virginia Polytechnic Institute and State University
University of Wisconsin





Experiment Station
Section National
Excellence in
Leadership Award

2021

1890 RESEARCH DIRECTORS (ARD)

Conrad Bonsi

*Professor and Associate Dean/Associate Research Director
George Washington Carver Agricultural Experiment Station
College of Agriculture, Environment, and Nutrition Sciences
Tuskegee University*

Conrad Bonsi is passionate about educating minority youth in STEAM fields.

Conrad joined Tuskegee University as Assistant Research Professor in 1983 and has served as PI/Co-PI for over 30 million dollars in grants. He has served as major advisor for over 15 MS and Ph.D. students. He has authored/co-authored 100+ refereed journal articles, book chapters, proceedings, and abstracts. He is a member of several scientific societies.



Conrad is a recipient of several awards including two U.S. patents, a U.S. Department of Agriculture Group Honor Award of Excellence, a Certificate of Recognition of Excellence from NASA, a Lifetime Achievement Award from the International Society for Tropical Root Crops, the Tuskegee University Faculty Achievement Award, the Tuskegee University Faculty Performance in Research Award and was featured as Futurist in Science and Technology by Black Enterprise Magazine. Conrad served as the Co-Director of the NASA sponsored Center for Food and Environmental Systems for Human Exploration of Space and provided leadership for the development of a sweet potato cultivar that can be grown successfully under hydroponic conditions using nutrient film technique.

Conrad currently serves as the Treasurer for the Association of 1890 Research Directors.

Dr. Bonsi holds a Ph.D. from Cornell University, M.S. from Tuskegee University and B.S. with Honors from the University of Ghana.

NORTH CENTRAL REGION

Deb Hamernik

*Deputy Director
Institute of Food Production & Sustainability
USDA National Institute of Food and Agriculture (NIFA)*

Deb Hamernik is a tireless volunteer and leader who is known for her thoughtful and positive perspectives, consistency, inclusive engagement, timely communications and as a passionate advocate for quality research. She constantly works to streamline processes for efficiency and purposeful impacts to enhance individual faculty and teams of faculty research programs. Deb is a 'go to' administrator who innovates and catalyzes collaborative team performance.



Deb joined NIFA in July 2020 as Director, Division of Animal Systems and was appointed Deputy Director, Institute of Food Production and Sustainability in November 2020. Previously, Deb served as Associate Dean, Agricultural Research Division; Associate Director, Nebraska Agricultural Experiment Station; and Associate Vice Chancellor for Research at the University of Nebraska-Lincoln (UNL). She was responsible for administration of state and federal funding for agricultural research and enhancing competitiveness of interdisciplinary research teams for extramural funding. Deb was National Program Leader at USDA-CSREES (now NIFA) and Scientific Review Administrator in the NIH Center for Scientific Review.

Deb was Chair NCRA (2016) and Chair NCRA Multistate Review Committee (2014). She was a member of the ESCOP Science and Technology Committee (2014-2018) and was elected ESS Chair (2019). She was an administrative advisor to five multistate committees and led the recent formation of NC1206 Antimicrobial Resistance.

Deb was President of the American Society of Animal Science (2017). She was inducted into the CSREES Hall of Fame; received the CSREES Employee of the Year Award in Science and Education; the Women's History Month Alumni Award from the Washington State University (WSU) CAHNRS; and the Outstanding Alumnus Award from the Department of Animal Science at WSU. Deb was inducted into the Nebraska Hall of Agricultural Achievement (2017).

Dr. Hamernik earned a B.S. from UNL, M.S. from WSU, and a Ph.D. from Colorado State University.

NORTHEASTERN REGION

Frederick (Fred) A. Servello

Dean Emeritus, College of the Natural Sciences Forestry and Agriculture, University of Maine; Director Emeritus, Maine Agricultural and Forest Experiment Station

For over a decade, Fred provided leadership to the Northeast: empathetically, compassionately, and thoughtfully. His contributions to the University of Maine, NERA and the Land-grant system are conspicuous on institutional, regional, and national levels. Fred's willingness to take on responsibilities that assisted the Land-grant system serves as an example for us all.



Prior to Fred's retirement in 2020, he served as the Dean of the College of Natural Sciences, Forestry and Agriculture and the Director of the Maine Agricultural and Forest Experiment Station (MAFES). Fred led the development and implementation of a Roadmap to Excellence to advance the college and station. During his final year as Dean, Fred was a key member of the President's Working Group at the University of Maine tasked with devising the University's COVID-19 responses, adaptation strategies and policies.

When he wasn't working his day job, Fred selflessly lent his time and expertise to the Northeast region. Fred joined the NERA team in 2007, coinciding with his initial appointment as the Associate Director of MAFES. Fred was the Administrative Adviser on a number of multistate projects. He chaired NERA's Multistate Activities Committee (MAC). Fred also led NERA as chair and served for three years on NERA's Executive Committee. Fred's role as the MAC and NERA chairs, led to his progression as chair of a nationwide effort, the National Research Support Project Review Committee.

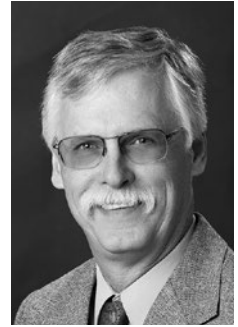
Dr. Servello received his B.S. degree from the State University of New York, and earned a M.S. and Ph.D. from the Virginia Polytechnic Institute and State University.

SOUTHERN REGION

Keith Owens

*Retired Associate Vice President
Oklahoma State University Ag Research
Division of Agriculture and Natural Resources
Oklahoma State University*

Keith Owens is a consummate collaborator and facilitator. He is completely committed to fostering excellence and has been a great ambassador for Oklahoma State University (OSU).



After a 20-year career at Texas A&M University, Keith went to OSU in 2007 as the inaugural Department Head for a newly formed Department of Natural Resource Ecology and Management. That department had been assembled by combining the former Department of Forestry with faculty from the Department of Plant and Soil Sciences with expertise in range ecology and management and faculty from the Department of Zoology with expertise in fisheries and wildlife ecology and management. Keith facilitated a disparate group of faculty members into a cohesive unit with a unified undergraduate and graduate program and a very effective research and Extension program. When Dr. Owens moved into the Associate VP role for the Oklahoma Agricultural Experiment Station after serving as Interim, he set about creating systems to support faculty and their department heads in pursuing external funding for research.

Keith served as an Administrative Advisor on several multi-state projects. He also served on the NRSP Review Committee and the NRSP-1 Management Committee. Keith was quite generous with his time and has served the SAAESD in many different leadership roles and has been a great mentor for many new directors. As the Chair of SAAESD in 2019-2020, Keith was a very effective leader during a very challenging year.

Dr. Owens earned dual B.S. degrees at the University of Idaho, a M.S. degree at the University of Wyoming, and a Ph.D. from Utah State University.

WESTERN REGION

John A. Tanaka

Retired Associate Director of the Wyoming Agricultural Experiment Station and Professor Emeritus, Department of Ecosystem Science and Management, University of Wyoming

John Tanaka had a passion and commitment to the land-grant system. He has spent his career looking for opportunities and helping others take those opportunities to find answers for producers, agencies, and communities. He has always sought to be a team player.



John was actively engaged on WAAESD and served on the APLU-BAA. He was the Administrative Advisor for WCC and WERA committees as well as being a participant and officer on several regional research committees since 1982. He was appointed to the Department of the Interior's John Day-Snake Resource Advisory Council (Oregon and Washington) where he served as Chair for 7 years.

He has served as the Director and Science Advisor for the Sustainable Rangelands Roundtable, Science Advisory Board Member for the Policy Analysis Center for Western Public Lands, representative and chair of the National Association of University Rangeland Programs, representative on the National Association of University Forest Resource Programs, and President of the Society for Range Management.

John served as the Associate Director of the Wyoming Agricultural Experiment Station, the Director of the Sustainable Agriculture Research and Extension Center and the Powell Research and Extension Center, and the Department Head of Ecosystem Science and Management at the University of Wyoming.

Dr. Tanaka earned a B.S. and M.S. degree at Oregon State University and a Ph.D. at Utah State University.

NATIONAL EXCELLENCE IN LEADERSHIP AWARDS

Barbara Allen-Diaz
University of California System (W), 2016

Conrad Bonsi
Tuskegee University (ARD), 2021

Carolyn B. Brooks
1890 Research Directors (ARD), 2014

William (Bill) Brown
University of Tennessee (S), 2016

Douglas D. Buhler
Michigan State University (NC), 2018

Fred Cholick
Kansas State University (NC), 2015

Joe P. Colletti
Iowa State University (NC), 2019

Cameron Faustman
University of Connecticut (NE), 2019

Robert W. Godfrey
University of the Virgin Islands (S), 2020

Deb Hamernik
USDA National Institute of Food and Agriculture, (NCRA), 2021

H. Michael Harrington
Western Regional Association (W), 2018

Bret W. Hess
University of Wyoming (W), 2019

Walter A. Hill
Tuskegee University (ARD), 2016

Michael P. Hoffman
Cornell University-Ithaca (NE), 2015

George M. Hopper
Mississippi State University (S), 2017

Shirley Hymon-Parker
North Carolina A&T University (ARD), 2018

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

Arlen Leholm
North Central Regional Association (NC), 2014

Marc Linit
University of Missouri (NC), 2020

Steven J. Loring
New Mexico State University (W), 2020

Ian L. Maw
APLU (NE), 2018

Orlando F. McMeans
West Virginia State University (ARD), 2017

Bruce McPheron
The Pennsylvania State University (NE), 2014

J. Ernst (Ernie) Minton
Kansas State University (NC), 2017

Saied Mostaghimi
Virginia Polytechnic Institute and State University (S), 2019

Craig Nessler
Texas A&M (S), 2014

Mortimer H. Neufville
1890 Universities Foundation (ARD), 2019

Keith Owens
Oklahoma State University, (S), 2021

Ron Pardini
The University of Nevada-Reno (W), 2015

Alfred L. Parks
Prairie View A&M University (ARD), 2020

Dan Rossi
Northeastern Regional Association (NE), 2016

John S. Russin
Louisiana State University (S), 2018

Frederick A. Servello
University of Maine (NE), 2021

Adel Shirmohammadi
University of Maryland (NE), 2020

Steven Slack
The Ohio State University (NC), 2016

Lee Sommers
Colorado State University (W), 2017

John A. Tanaka
University of Wyoming (W), 2021

Alton Thompson
Delaware State University (ARD), 2015

Gary A. Thompson
The Pennsylvania State University (NE), 2017

Eric Young
Southern Regional Association (S), 2015





National Experiment
Station Section
Diversity and
Inclusion Award

2021

Shannon Archibeque-Engle

*Assistant Vice President for Diversity
Office of the Vice President for Diversity
Colorado State University*

This award recognizes the activities of an individual at the local, state, regional, or national level, that empower groups, enhance inclusion within organizations and aspire to achieve inclusive excellence.

Following a national solicitation for nominations and a rigorous evaluation, the individual 2021 National Experiment Station Section Diversity and Inclusion Award will be presented to Dr. Shannon Archibeque-Engle of Colorado State University.



Dr. Archibeque-Engle is an outstanding, committed, and tireless leader in campus and station efforts dedicated to diversity and inclusion. This award recognizes Dr. Archibeque-Engle's Creating Inclusive Excellence Program which was shared with all Agricultural Experiment Station (AES) faculty and staff working at AES research centers around the state of Colorado. The goals of the program were to develop awareness, knowledge, and skills to understand and implement multicultural competency; integrate Inclusive Excellence in the planning, implementation, and evaluation of programs and services; equip Colorado State University employees with tools to proactively affirm and promote diversity and inclusion; and develop diversity and inclusion practitioners who feel empowered to advocate for diversity and inclusion. The effort succeeded in making a difference, a reflection of Dr. Archibeque-Engle lending her expertise, passion, heartfelt concern, and outstanding capabilities. The program is now being widely adopted and is in high demand. Importantly, Dr. Archibeque-Engle's approach of including outlying stations and the main campus as a "single campus" created one voice of cultural openness and inclusivity.

Carlene Chase, Marilyn Swisher, Oscar Liburd, Jin Zhao, Zhifeng Gao, Alejandro Bolques and Sanjun Gu

*Organic Farming Team,
Horticultural Sciences
Department,
Institute of Food and
Agricultural Sciences,
University of Florida*



This award recognizes the activities of teams at the local, state, regional, or national level that empower groups, enhance inclusion within organizations and aspire to achieve inclusive excellence.

Dr. Carlene Chase will accept the award on behalf of the Organic Farming Team.

Following a national solicitation for nominations and a rigorous evaluation, the group 2021 National Experiment Station Section Diversity and Inclusion Award will be presented to the Organic Farming Team headed by Dr. Carlene Chase of the Horticultural Sciences Department, University of Florida.

This remarkable program is a dedicated research-mentoring effort in which graduate students and faculty scientists work closely with a new generation of organic farmers. This powerful collaboration between the university and producers starts with a needs assessment and culminates in grower participation in field trials. Importantly, the Organic Farming Team is dedicated to reaching underserved populations while training young professionals pursuing careers in agriculture. The team worked closely with diverse audiences including minority, beginning, small famers and the Florida Black Farmers Association to train and enhance organic farming strategies. Likewise, the Organic Farming Team has mentored a diverse group twenty-seven young professionals who are now contributing to US agriculture in both the public and private sectors. The efforts of the Organic Farming Team have been clearly recognized by external agencies (including NIFA) who have funded collaborative, inter-institutional work between the University of Florida, Florida A&M and North Carolina A&T.

The efforts of the Organic Farming Team are worthy of recognition because of the intentionality of the effort, the innovative mentoring strategies, the commitment to reach underserved groups in the farm populations and the vision to change the culture of the University of Florida Experiment Station.

NATIONAL EXCELLENCE IN DIVERSITY AND INCLUSION AWARDS

Shannon Archibeque-Engle
*Assistant Vice President for Diversity
Office of the Vice President for Diversity
Colorado State University, 2021*

Carlene Chase, Marilyn Swisher,
Oscar Liburd, Jin Zhao, Zhifeng Gao,
Alejandro Bolques and Sanjun Gu
*Organic Farming Team
Horticultural Sciences Department
Institute of Food and Agricultural Sciences
University of Florida, 2021*

Tracy Irani, Jenny Jones, Sharon Austin,
Keith Diem, Kelly Moore, Dale Pracht,
the Diversity and Inclusion Committee
*Department of Family, Youth and Community
Sciences (FYCS)
Institute of Food Agricultural Sciences
University of Florida, 2020*

Jeff Jacobsen
*ESS/ARD Diversity Catalyst Committee
North Central Regional Association of State Agricultural
Experiment Station Directors (NCRA), 2019*

Neil Knobloch and Levon Esters
*The Mentoring@Purdue Team
Purdue University, 2018*





Food Systems
Leadership
Institute

2021

FOOD SYSTEMS LEADERSHIP INSTITUTE FELLOWS, COHORT 15

Mohamed Ahmedna

Dean

*College of Agriculture and Environmental Sciences
North Carolina A&T State University*

Thomas Baum

*Department Chair, Plant Pathology and Microbiology
College of Agriculture and Life Sciences
Iowa State University*

Stephen Cameron

*Department Head, Entomology
College of Agriculture Purdue University*

Darrell Donahue

*Dean & Director
Davis College of Agriculture, Natural Resources
and Design
West Virginia University*

Damona Doye

*Associate Vice President
Oklahoma Cooperative Extension Service
Oklahoma State University*

Bob Durborow

*Assistant Research Director
College of Agriculture, Communities and Environment
Kentucky State University*

Erik Ervin

*Chair, Plant and Soil Sciences
College of Agriculture & Natural Resources
University of Delaware*

Will Evans

*Department Head, Food Science Nutrition
and Health Promotion
College of Agriculture and Life Sciences
Mississippi State University*

Jagger Harvey

*Director, Post-Harvest Loss Innovation Lab
College of Agriculture and Plant Pathology
Kansas State University*

Mark Haub

*Department Head, Food, Nutrition,
Dietetics and Health
College of Health and Human Sciences
Kansas State University*

Tiffany Heng-Moss

Dean

*College of Agricultural Sciences and Natural Resources
University of Nebraska-Lincoln*

Woodie Hughes, Jr.

*Assistant Extension Administrator
State 4-H Program Leader
University Cooperative Extension Program
Fort Valley State*

Shibu Jose

*Interim Associate Dean for Research
College of Agriculture, Food and Natural Resources
University of Missouri-Columbia*

Curt Lacy

*Regional Extension Coordinator
Mississippi State University*

Des Layne

*Department Head, Horticulture
College of Agriculture
Auburn University*

Peter Livingston

*Department Head, BioResource and
Agricultural Engineering
College of Agriculture, Food and
Environmental Sciences
Cal Poly University, San Luis Obispo*

John McEvoy

*Department Head, Microbiological Sciences
College of Agriculture, Food Systems, and
Natural Resources
North Dakota State University*

David Monks

*Associate Director, NC Agricultural Research Service
College of Agriculture and Life Sciences
North Carolina State University*

Steven Neal

*Associate Dean and Director for Academic Programs
College of Food, Agricultural, and
Environmental Sciences
The Ohio State University*

Anuradha Prakash

*Program Director, Food Science
Schmid College of Science and Technology
Chapman University*

Jason Ross

*Director, Iowa Pork Industry Center
Iowa State University*

Dustin Starkey
*Program Manager, External Engagement
and Food Safety
Abbott Nutrition*

Charles Stoltenow
*Assistant Director, Extension and Program Leader
North Dakota State University*

Joe Sullivan
*Associate Dean
College of Agriculture and Natural Resources
University of Maryland*

Bobby Torres
*Department Head, Agricultural Education,
Technology and Innovation
College of Agricultural and Life Sciences
The University of Arizona*

Jacqueline Wilkins
*Associate Dean and Director
OSU Extension
The Ohio State University*

APLU FOOD SYSTEMS LEADERSHIP AWARD



Ian Maw, Ph.D.

Ian Maw is the 2021 recipient of the APLU (Association of Public and Land grant Universities) Food Systems Leadership Award. From 2005–2019, Dr. Maw served as APLU’s Vice President of Food and Agriculture, leading the activities of the Commission on Food, Environment, and Renewable Resources and its associated boards, particularly the work of the Board on Agriculture Assembly. Dr. Maw worked diligently to oversee the BAA’s advocacy strategy to increase funding for the research, Extension, and teaching missions of the land-grant university system. In that capacity, he established a close working relationship with the United States Department of Agriculture’s National Institute of Food and Agriculture’s leaders; supported the work of the Council on Agricultural Research, Extension, and Teaching, a lay advocacy group supporting the land-grant system; and partnered with stakeholders across the system, including non-land-grant universities, professional societies, and industry. Looking beyond D.C. matters, Dr. Maw worked tirelessly to encourage leadership development within colleges of agriculture through his support of programs like LEAD21 and the Food Systems Leadership Institute. In the international sphere, Dr. Maw worked to build relationships with the Association of Canadian Faculties of Agriculture and Veterinary Medicine, the Asociación Mexicana de Educación Agrícola, and the Global Confederation for Higher Education Associations for Agriculture and Life Sciences (GCHERA). He acted as GCHERA’s senior vice president for seven years. Dr. Maw began his career at APLU as the Executive Director of the Academic Programs Section, a role in which he served for two years.

Prior to his work at APLU, Dr. Maw spent thirty-four years at Rutgers, The State University of New Jersey. His career at Rutgers as a faculty member at Cook College spanned a wide variety of academic administration roles including the chair of two different departments (Education and Environmental Sciences), associate dean for instruction, director of administration and fiscal affairs, associate dean of the college. He further provided leadership to undergraduate and graduate education as Dean of Academic and Student Affairs and held the role of Interim Executive Dean and Director for a brief stint. He holds emeritus professor rank from Rutgers in the Department of Ecology, Evolution and Natural Resources.

Dr. Maw holds a B.S. from Indiana State University, and M.S. and Ph.D. from Pennsylvania State University.

