

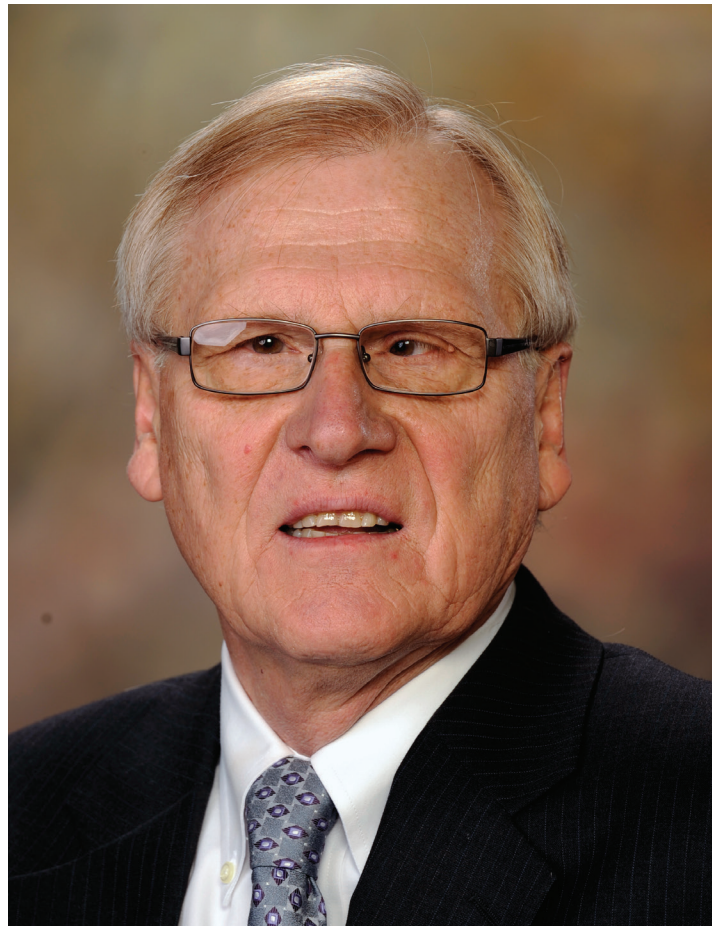
Academy of Fellows

Werner G. Bergen

Professor, Department of Animal Sciences

Fellow, American Society of Animal Science, 2007

Fellow, American Society for Nutrition, 2012



Werner G. Bergen, a native of Germany whose family moved to the U.S. in 1955, grew up on a Pennsylvania dairy farm. He attended Pennsylvania State University in dairy science for two years, then transferred to The Ohio State University, also in dairy science, in the honors program of the OSU College of Agriculture. He earned his bachelor's degree in 1964 (with distinction) from OSU where he remained to earn his master's degree in 1966 in animal nutrition and the Ph.D. in 1967 in nutritional biochemistry.

He joined the faculty at Michigan State University in 1967 and became professor in 1978 where he devoted his research to nutrition and growth studies, which he has continued to focus on since coming to Auburn in 1995. His initial research was in ruminal microbial protein production, action of ionophores, and amino acid nutrition in cattle. Studies on composition of growth, rates of protein and lipid synthesis and turnover, the mechanism of beta-agonist action, and genomic regulation of lean and fat deposition in cattle and pigs followed in succeeding years.

Bergen and his co-workers have published 134 refereed journal articles in more than 370 publications. He has served on editorial boards and convened and chaired symposia at scientific meetings.

He has also been active in USDA/CSREES NC-131 and NCCC-210 multistate research groups, chairing both groups at various times.

He has received numerous awards and citations including the American Society of Animal Science Nutrition Research Award (1979), the ASAS Growth and Development Award (1991), and was named a Distinguished Alumni by OSU in 1998. Over the last 45 years he has taught courses at the undergraduate and graduate level in biochemistry, growth biology, and nutrition. He is member of ASAS, American Society for Nutrition, American Society of Biochemistry and Molecular Biology, AAAS, The Nutrition Society (UK), Society for Experimental Biology and Medicine, American Registry of Professional Animal Scientists, Sigma Xi, and Gamma Sigma Delta and is board certified (Diplomate) by the American College of Animal Sciences-Nutrition.



Academy of Fellows

S.F. “Sarge” Bilgili

Professor and Extension Specialist, Department of Poultry Science

Fellow, Poultry Science Association, 2011



S.F. “Sarge” Bilgili is a native of Turkey who received his DVM degree from Ankara University in Turkey in 1977, his master’s degree from Oregon State University in 1981, and the Ph.D. from Auburn University in 1984. Bilgili joined the Department of Poultry Science faculty at Auburn University in 1985 as an assistant professor and Extension poultry processing specialist, later attaining the ranks of associate professor and professor in 1991 and 1996, respectively.

Bilgili’s current responsibilities include developing and implementing extension/outreach and research programs in the areas of broiler processing technology, slaughter and processing efficiency, broiler carcass quality and meat yield, food safety and HACCP programs, product wholesomeness, and animal welfare. He is an author or co-author of numerous articles in scientific and trade journals and has been invited to speak at many national and international meetings.

Bilgili is a member of several industry and academic committees and editorial review boards and has served as the president of the Poultry Science Association and Southern Poultry Science Society. He also served as the chairman of the National Chicken Council Animal Welfare Scientific Advisory Committee and as a

member of the Board of Directors of the Federation of Animal Science Societies. He is currently serving as president of the U.S. Branch of the World’s Poultry Science Association and is a member of the PSA Foundation Board and American Humane Association Scientific Advisory Committee.

He is the recipient of several recognitions, including the Sigma Xi Research Award, Alabama Poultry and Egg Association Distinguished Service Award, National Broiler Council Broiler Research Award, Pfizer Extension Award, WPSA Education Award, and the PSA Poultry Products Research Award.

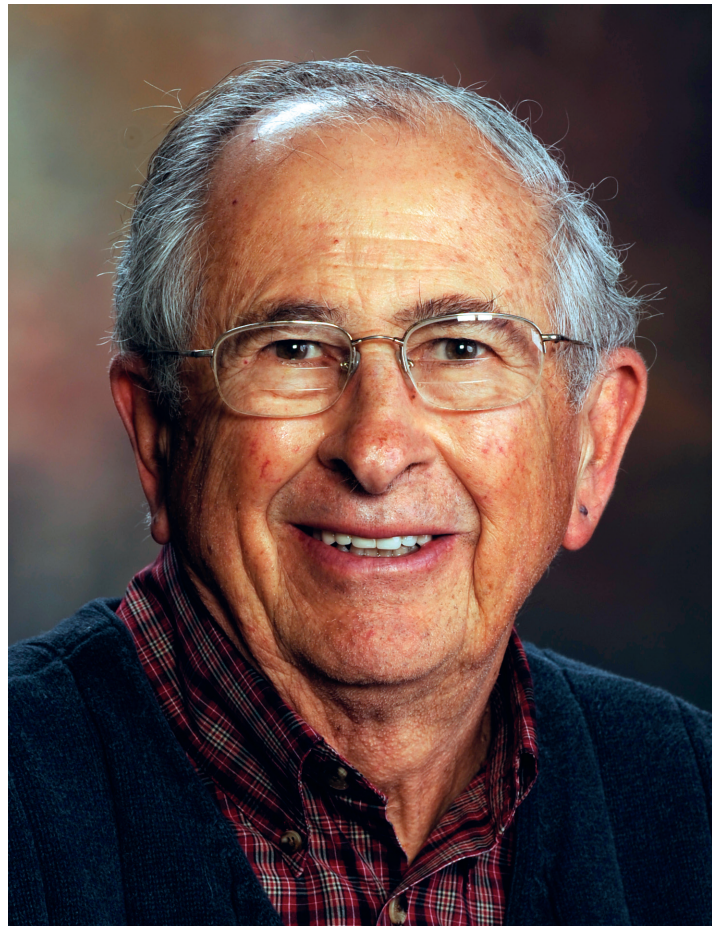
Academy of Fellows

Claude E. Boyd

*Professor and Butler-Cunningham Eminent Scholar,
Department of Fisheries and Allied Aquacultures*

Fellow, World Aquaculture Society-Lifetime Member (B4 Fellows), 1995

Fellow, American Association for the Advancement of Science, 2010



Claude Boyd, a native of Mississippi, received his bachelor's degree (graduating with special honors) in entomology and chemistry in 1962 and his master's degree in environmental toxicology in 1963, both from Mississippi State University, then earned his Ph.D. from Auburn University in water and aquatic soil chemistry in 1966.

Boyd's teaching has focused on graduate training in water quality management (two courses per year and major adviser for more than 100 graduate students) and continuing education for professionals. His publications have included research, review, and experience papers in scientific journals, six books, AAES publications, and articles in trade journals (totaling more than 300).

He has worked on projects of one week to six months in duration in many countries including Australia, Belize, Brazil, Canada, Chile, China, Colombia, Costa Rica, Ecuador, Egypt, France, Guatemala, Honduras, India, Indonesia, Israel, Italy, Madagascar, Malaysia, Mexico, Nicaragua, Oman, Panama, Peru, Philippines, Saudi Arabia, South Africa, Surinam, Taiwan, Tanzania, Thailand, Venezuela, and Vietnam. Boyd has worked very closely with the aquaculture industry and served

as an adviser to many governmental and nongovernmental organizations and private businesses.

He has received numerous awards including the Research Award, Distinguished Service Award, and Service Award from the Catfish Farmers of America; Award of Excellence from the Bioengineering Section of the American Fisheries Society; Dean's Award for Contributions to Agriculture from Auburn University; Director's Senior Research Award from the Alabama Agricultural Experiment Station; Research Achievement Award from the Surathani Prawn Producers Association in Thailand; Creative Research Award from the Research Advisory Council, Auburn University; Honorary Life Membership Award from the World Aquaculture Society; Appreciation Award from the USDA Joint Subcommittee on Aquaculture; and Lifetime Achievement Award from the U.S. Chapter World Aquaculture Society.

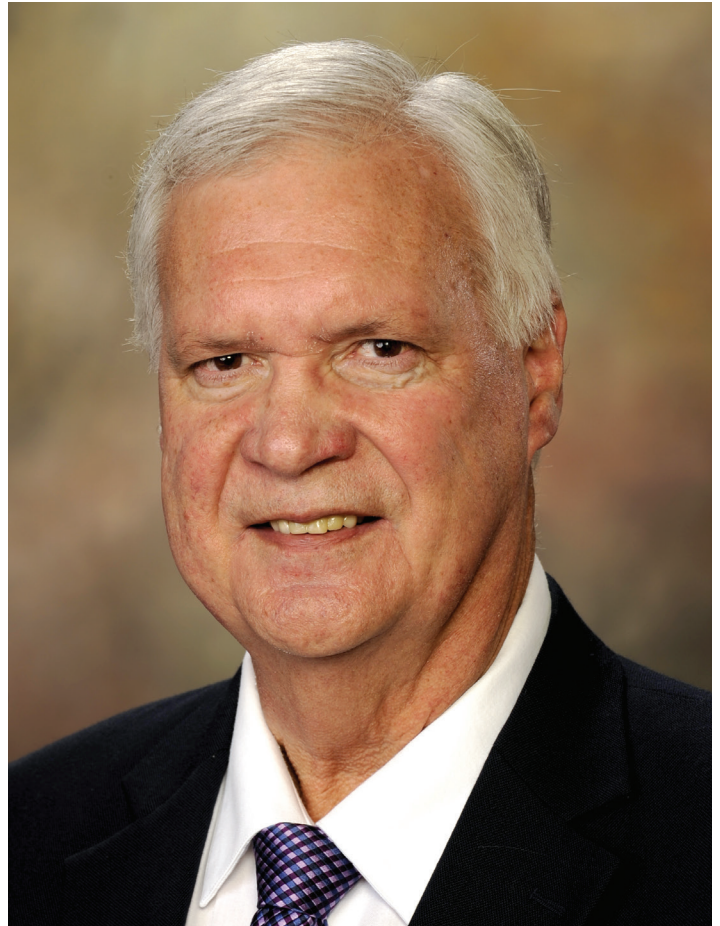


Academy of Fellows

David Bransby

Professor, Department of Agronomy and Soils

Fellow, American Society of Agronomy, 1998



David Bransby, a native of South Africa, has been a professor in the Department of Agronomy and Soils since 1987. He received his bachelor's degree in grassland science from the University of Natal in 1972, his master's degree in agronomy from the University of Missouri in 1975, another master's degree in market research from the University of South Africa in 1978, and his Ph.D. in grassland science from the University of Natal in 1983.

His responsibilities at Auburn are research and teaching in energy crops and bioenergy, as well as forage and livestock management.

Recognition of Bransby's work includes the Alabama Agricultural Experiment Station Director's Senior Research Award (1992), appointment as an Alumni Professor (1995),

and receipt of the Auburn University Award for Faculty Excellence in Outreach (2006).

Bransby is a member of the Technical Advisory Committee of the Biomass Research and Development Initiative that is mandated by the U.S. Congress to advise the secretaries of Energy and Agriculture on research priorities in the field of bioenergy and was invited twice by the White House to brief President George W. Bush on the emerging cellulosic biofuels industry.

Academy of Fellows

Henry Fadamiro

Alumni Professor, Department of Entomology and Plant Pathology

Fellow, Royal Entomological Society, 2010



Henry Fadamiro, a native of Nigeria, received his bachelor's and master's degrees in biology at the Federal University of Technology, Akure, Nigeria, and was awarded a Rhodes scholarship to study at Oxford University, England, where he obtained a Ph.D. in entomology in 1995.

He took a postdoctoral research position in pest management at Iowa State University in 1996, then joined the University of Minnesota staff in 1998 as a research associate in entomology. Shortly after, he transferred to the Minnesota Department of Agriculture.

Since joining Auburn University's faculty in 2003, Fadamiro has advised more than 25 graduate students and trained several undergraduate students, postdoctoral researchers, and visiting scholars from different parts of the world. He has published some 200 research and extension articles and book-length publications and received more than \$6 million in grants.

Fadamiro teaches three IPM intensive courses at Auburn and serves as Alabama's Integrated Pest Management coordinator through the Alabama Cooperative Extension System. In that position he promotes and facilitates the adoption of IPM in Alabama through research, training, and outreach.

He has served the southern region IPM community in many capacities including secretary and chair of the Southern Region IPM Coordinators (SERA 3) working group and as a member and chair of the Advisory Board of the Southern Region IPM Center.

He was recognized by the Entomological Society of America-Southeastern Branch with an Award for Excellence in IPM in 2011 and, at Auburn, has been honored with an Alumni Professorship (2011), Dean's Grantsmanship Award (2011), Alabama Cooperative Extension System Extramural Competitive Funding award (2009), and Alabama Agricultural Experiment Station Director's Award for Research (2005).

He also serves as editor for *Physiological Entomology* and was recently named Auburn University's Presidential Administrative Fellow for 2012. Fadamiro has served on numerous grant panels and his research has been highlighted in several news journals and media outlets. He is an active member of the Entomological Society of America and has served on the Student Awards Committee and Membership Committee of the society.



Academy of Fellows

Charles Gilliam

Professor, Department of Horticulture

Fellow, International Plant Propagators Society, 2006



Charles Gilliam grew up on a farm in Lexington, Tenn., and attended the University of Tennessee at Martin, where he received his bachelor's degree in agriculture education. As an undergraduate, Gilliam was employed as a work-study student at the university's greenhouse. Gilliam continued his education at Virginia Tech, where he earned his master's and doctoral degrees in horticulture. After receiving his Ph.D., he worked at The Ohio State University for three years before joining the Auburn faculty in 1980, where he was promoted to full professor in 1989.

In his 30 years at Auburn, Gilliam has been extremely active in both the college and the horticultural industry as a whole. Working in various positions throughout the department, including serving as department head from 2000 to 2005, Gilliam represented the college on numerous committees, many of which he continues to be active on today.

He is closely involved with the Southern Nurserymen's Association and received the Porter Henegar Award in 1991 for his outstanding contributions to ornamental horticultural

research. From 1998 to 1999, Gilliam served as president of the Southern Region International Plant Production Society, and received the prestigious Sydney B. Meadows Award from the same organization in 2005.

Gilliam works in two main areas of research in the department of horticulture, including weed control and alternative substrates for nursery crops. In his work with the IR-4 project, Gilliam has conducted more than 700 weed trials covering more than 70 weed control products. He also works with the Horticulture Research Institute on both weed control and alternative substrate projects.



Academy of Fellows

Elizabeth Guertal

Professor, Department of Agronomy and Soils

Fellow, American Society of Agronomy, 2009

Fellow, Crop Science Society of America, 2011



Elizabeth Guertal, a native of Ohio, earned her bachelor's degree in agriculture and master's degree in soil science from The Ohio State University in 1984 and 1988, respectively, and her Ph.D. in soil science from Oklahoma State University in 1993. She joined the Auburn faculty in 1993.

Guertal has served as an associate editor for every major journal in her societies (American Society of Agronomy, Soil Science Society of America, and the American Society of Agronomy) and is currently an associate editor for the Journal of Extension and ISSR Soil Science. She is also currently a technical editor for Crop Science and is a past division chair (C-5) of Turfgrass Management for the Crop Science Society of America.

At Auburn University she is a recipient of the Leischuck Endowed Presidential Award for Excellence in Undergraduate

Teaching and the Auburn University Alumni Award for Teaching, and she was an Alumni Professor. Currently she serves as a member of the Jockey Clubs Turfed Track Safety Committee and is the representative for the Sports Turf Management Association to the ASTM. She has authored or co-authored more than 50 refereed journal articles, three book chapters, and many abstracts.



Academy of Fellows

Zhanjiang “John” Liu

*Associate Dean for Research, Assistant Director and Professor,
College of Agriculture, Alabama Agricultural Experiment Station and
Department of Fisheries and Allied Aquacultures, respectively*

Fellow, American Association for the Advancement of Science, 2007



Zhanjiang (John) Liu, a native of China, received his bachelor's degree in 1981 in plant pathology and entomology from Northwest Agricultural University in China, his master's degree in 1985 in plant pathology from the University of Minnesota, and his Ph.D. in 1989 in molecular and cellular biology, also from the University of Minnesota. He completed his postdoctoral training at the University of Minnesota Medical School.

Since 1995, Liu has been on the faculty at Auburn University, rising to the level of full professor in 2003. He obtained the Alumni Professorship in 2002. He is serving as the aquaculture coordinator for the USDA National Animal Genome Project, the editor for *Marine Biotechnology*, an academic editor for *PLoS One*, an associate editor for *BMC Genomics* and *BMC Genetics*, and an editorial board member for *Aquaculture*, *Animal Biotechnology*, and *Reviews in Aquaculture*.

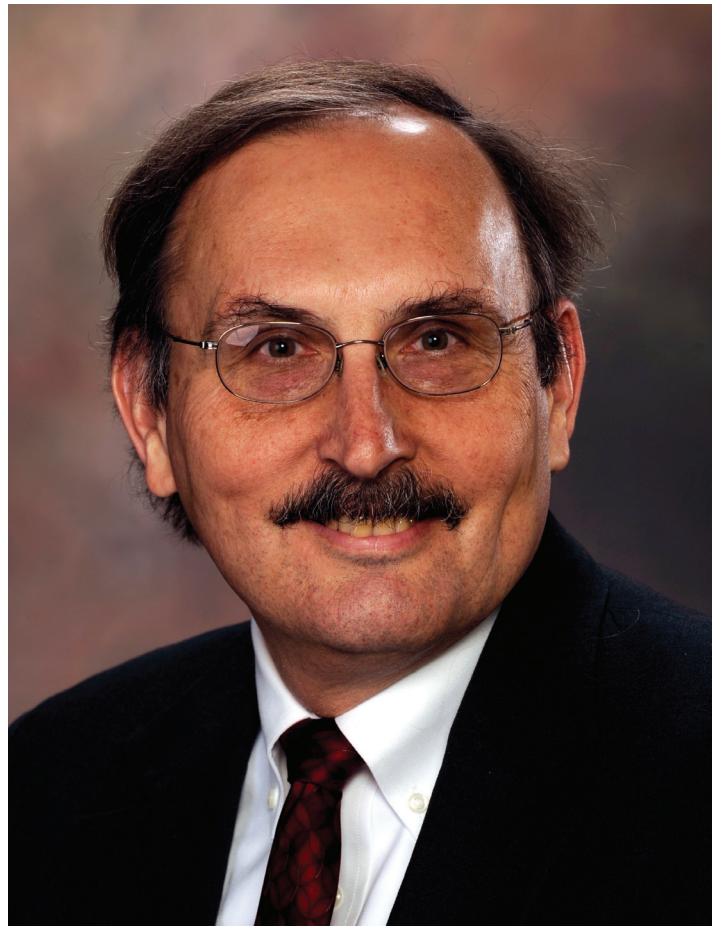
Liu has served on numerous national and international grant review panels including USDA, NSF, NIH, and NOAA Sea Grant. He is a board member for the Advisory Panel for the Oceans and Human Health Initiative of the U.S. Department of Commerce. Liu has obtained more than \$44 million in grants and contracts, published more than 200 peer-reviewed journal articles and book chapters, and published two books with a third book in press.

Academy of Fellows

Joseph J. Molnar

Professor and Coordinator, Department of Agricultural Economics and Rural Sociology and Office of International Agriculture

Fellow, American Association for the Advancement of Science, 2009



Joseph Molnar, a native of Pennsylvania, earned his bachelor's degree in sociology and mathematics in 1972 and his master's degree in sociology in 1973, both from Kent State University, and received a Ph.D. in sociology from Iowa State University in 1976.

He joined the Auburn faculty as an assistant professor in the Department of Agricultural Economics and Rural Sociology in 1976, was promoted to associate professor in 1981, full professor in 1986, and served as an Alumni Professor from 1989 to 1994.

He has edited three books and authored more than 150 total publications. He has directed or co-directed 20 graduate theses, including five Ph.D. students.

Molnar has served as vice president (1992-1996) and president (1996-2000) of the International Rural Sociological Society and served as the society's chairman for its World Congress Program (1988-1992); is a member and has served in a variety of capacities for the Rural Sociological Society; was president of the Food Bank of East Alabama and Gamma Sigma Delta Agricultural Honorary; is an adviser to the Alpha Kappa Delta Sociology Honorary; and is a member of Sigma, Xi Scientific Honorary. He is also a member of the European Society of Rural

Sociology, Southern Sociological Society, and the American Association for the Advancement of Science, for which he has served in a variety of leadership and service roles.

His recent work focuses on the barriers to the adoption of irrigation in Alabama farming systems, the implementation of sustainable agriculture practices, the practice of organic and low-input agriculture, and the use of core-4 conservation practices on Alabama farms. He currently leads a multi-institutional project focusing on aquaculture training and watershed management in Africa.

Academy of Fellows

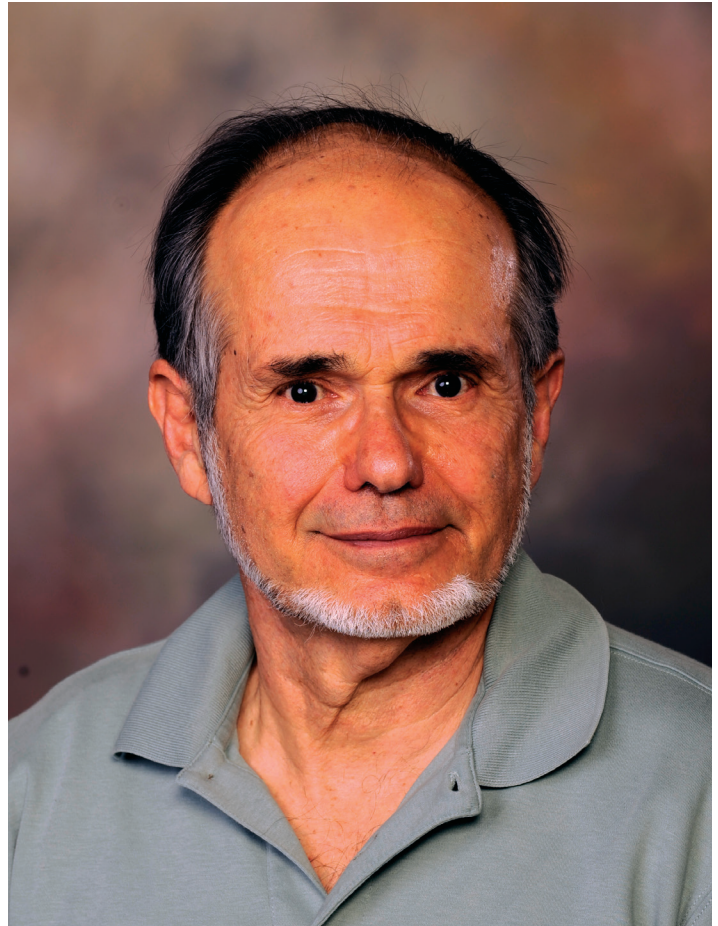
Rodrigo Rodriguez-Kabana

*Distinguished University Professor,
Department of Entomology and Plant Pathology*

Fellow, The American Phytopathological Society, 1989

Fellow, Society of Nematology, 1990

Fellow, Organization of Nematologists of Tropical America, 1990



Rodrigo “Rod” Rodriguez-Kabana, a native of the Canary Islands, earned his bachelor’s degree in 1961 in agronomy, his master’s degree in 1962 in soil microbiology, and the Ph.D. in 1965 in plant pathology, all from Louisiana State University. He joined the faculty at Auburn University in 1965.

His research has focused on the study and development of cropping systems that allow for sustainable production with sound economic and ecological bases. He has published extensively in the sciences of nematology, plant pathology, and soil biochemistry. His research is often cited and has been recognized nationally and internationally by many awards and honors.

He is a Fulbright Fellow, a recipient of the Humboldt Senior Research Award [Preistraeger] from the Alexander von Humboldt Stiftung and received the Senior Research Award from the Spanish Ministry of Education and Science.

Recently, he pioneered development of replacements for methyl bromide, a major depleter of the atmosphere’s ozone layer. He was the recipient of the 1997 U.S. Environmental Protection Agency Award for Contributions to the Solution of the Ozone Layer Problem. In 2002 he was awarded the Champion Award from the Technology and Economic Assessment Panel of the United Nations’ Montreal Protocol on Substances that Deplete the Ozone Layer.

He is currently working on utilization and development of new products based on waste materials from the biofuel industry. Rodriguez-Kabana worked closely with industry and commodity groups, notably peanut and soybean producers, to develop and advance practical methods for the management of plant pathogenic nematodes and other soil-borne pests. He was awarded the Senior Research Award by the American Peanut Research and Education Association for outstanding contributions to agriculture, science, and the peanut industry and the ICI Americas National Research Recognition Award in recognition of significant contributions to the soybean industry.

Rodriguez-Kabana has contributed much on the subject of pest management through sustainable agricultural practices in the United States, Latin America, and other parts of the world, and he helped establish and develop the Organization of Nematologists of Tropical America, which last year named its traditional Student Best Poster Competition for him.

Academy of Fellows

Lane D. Sauser

*Chief Financial Officer, Alabama Agricultural Experiment Station and
College of Agriculture*

Fellow, Society for Advancement of Management, 2004



Lane D. Sauser, DPA, is a native of Georgia who earned her bachelor's degree in marketing (1972) and a master's degree in finance (1976), both from Georgia State University, and a doctorate in public administration from the University of Alabama in 1993. She is licensed as a Certified Public Accountant and holds certifications as a Certified Government Finance Officer and Certified Government Financial Manager.

She became the chief financial officer for the College of Agriculture and AAES in 1999 and, as CFO, is responsible for incorporating financial forecasting, budgeting, planning and reporting, human resources administration, and financial administration of state and federal appropriations for the Experiment Station and college.

Previously she was assistant director of the Center for Governmental Services at Auburn University where she managed and delivered training and financial management consulting services to state and local governments throughout Alabama.

She has conducted many workshops on budgeting, financial reporting, financial administration, and performance measurement. She also has provided consultation to cities and counties throughout the state on revenue and expenditure analysis, fixed asset management, business licensing administration, and fiscal policy and procedures.

Sauser has garnered many awards in her career including induction into Alpha Lambda Delta, Beta Alpha Psi, Pi Sigma Alpha, Phi Kappa Phi, and Sigma Xi honor societies; the Coleman Ransone-Joseph Pilegge Award from the University of Alabama political science doctoral program for exceptional effort in research; and SAM Honor Society Bronze, Silver, and Gold awards.

Academy of Fellows

Joe Touchton

Professor and Head, Department of Agronomy and Soils

Fellow, American Society of Agronomy, 1994



Joe Touchton, a native of Georgia, earned his bachelor's degree in agronomy from the University of Georgia in 1969, his master's degree in soil fertility, also from UGA, in 1974, and his Ph.D. in soil fertility from the University of Illinois in 1977.

He served as an assistant professor of soil fertility and crop management at UGA from 1977 to 1980 before joining the Auburn faculty as an associate professor in 1980. He was promoted to full professor in 1986 and became department head in 1989.

Since arriving at Auburn, Touchton has taught classes in crop production, nutrient management, and fertilizers and soil testing; supervised 10 master's and eight Ph.D. students; and served on more than 50 graduate committees. His research focuses on nutrient management in conservation tillage systems, and he has authored 69 refereed journal articles and book chapters and more than 500 papers, publications, reports, and abstracts, and has received more than \$10 million in grants.

As department head, Touchton directs 24 faculty, 30 professional staff, 45 graduated students, and 60 undergraduates as well as provides leadership for the department's instruction, research, and extension services in plant and soil sciences. Its plant science programs include production for all agronomic crops, turf, forages, and biofuels; weed control for all crops; and plant breeding for

turf, forages, and agronomic crops. Its soil science programs include nutrient management, soil conservation and management, waste management, water quality, and basic soil science (pedology, physics, mineralogy, and chemistry). The department is also responsible for the soil testing lab, which provides soil, plant, water, feed, and waste product analyses and recommendations.

Touchton has received many honors throughout his career including receiving the Honorary Member Award from the National Fertilizers Solutions Association, the Werner I. Nelson Award from the Fluid Fertilizer Association, the Fred Clearman Award from the Alabama Crop Management Association for Service to Alabama Agriculture, the Pioneer Award from the National Resource Conservation Service, and the Service Award from the Southern Conservation Tillage Conference for Sustainable Agriculture.



Academy of Fellows

David Weaver

Professor, Department of Agronomy and Soils

Fellow, American Society of Agronomy, 2009



David Weaver, a native of Georgia, has been an Auburn faculty member since 1981 and holds bachelor's (1974) and master's degrees (1976) from the University of Georgia and the Ph.D. from Purdue University (1981).

He conducts research on soybean and cotton breeding and genetics. His research is focused on improvement of yield, fiber quality, resistance to abiotic stresses (heat and drought), resistance to reniform nematode, and evaluation and introgression of exotic germplasm in cotton. He is currently major professor for one master's and two Ph.D. graduate students. He also teaches two on-campus and distance courses in the plant sciences area.

Weaver has received awards from the College of Agriculture, Student Government Association, and Auburn Alumni Association for excellence in teaching. He is undergraduate coordinator in his

department; adviser for the Agronomy Club; national adviser for Students in Agronomy, Soils, and Environmental Sciences; and leader of the Auburn Study Abroad Program for graduate students in China.

He is the author of numerous publications on plant genetics and crop management of cotton and soybean and has served as associate editor and technical editor of the journal *Crop Science*. Weaver is active in the American Society of Agronomy, Crop Science Society of America, and Beltwide Cotton Conferences.

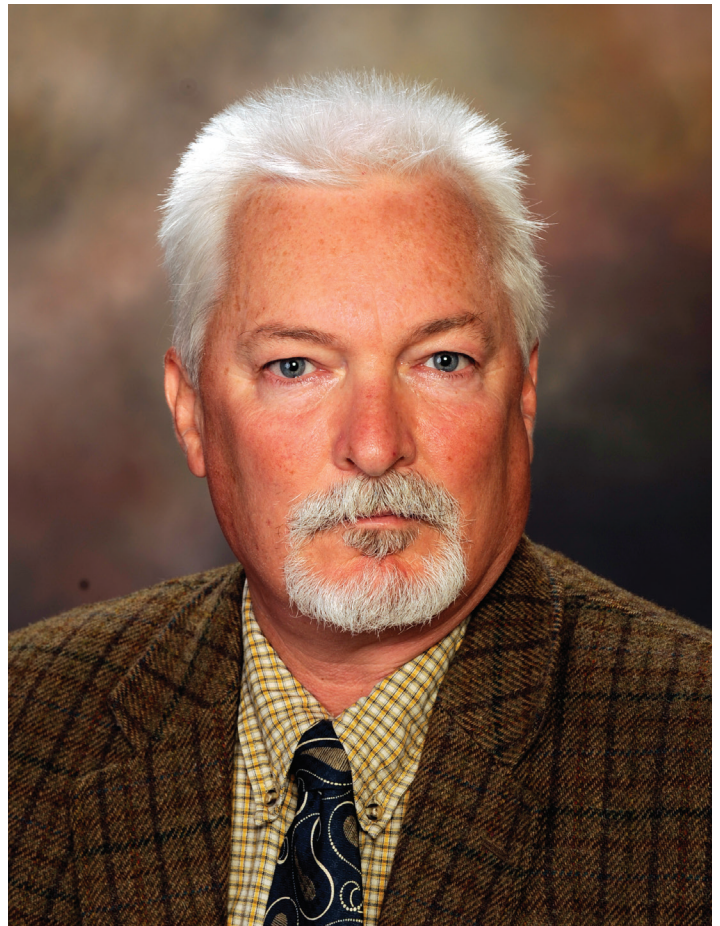
Academy of Fellows

Wes Wood

Professor, Department of Agronomy and Soils

Fellow, American Society of Agronomy, 1998

Fellow, Soil Science Society of America, 2000



Wes Wood, a native of Mississippi, earned his bachelor's degree in agronomy from Mississippi State University in 1979, his master's in soil science from Mississippi State in 1984, and his Ph.D. in soil science from Colorado State University in 1990.

Wood does research on carbon and nutrient cycling in managed and natural ecosystems and has published more than 125 refereed articles on that topic. He has conducted research in Latvia, Lithuania, Estonia, Brazil, South Africa, Kenya, Tanzania, Ecuador, Peru, Thailand, Honduras, Mexico, The Philippines, Haiti, and New Zealand.

He teaches classes in the area of nutrient management, soils and environmental quality, general environmental science, and sustainability.

Wood served as associate editor and later as the soil science technical editor for the Agronomy Journal. He has won numerous awards for his research including the Southern Branch American Society of Agronomy Career Research Award (2001), Southern Branch American Society of Agronomy Early Career Research Award (1995), Auburn University Sigma Xi Chapter Outstanding Researcher Award (1993), and the Alabama Agricultural Experiment Station's Director's Research Award (1992 and 2011) and was appointed to an Auburn University Alumni Professorship (1992).



Academy of Fellows

Gary D. Lemme

Director, Alabama Cooperative Extension System

Fellow, North American College and Teacher of Agriculture, 1984



Gary D. Lemme was raised on a small farm in Minnesota and attended South Dakota State University, earning his bachelor's degree in agricultural education in 1974 and his master's in agronomy in 1975. In 1979, he earned his Ph.D. in agronomy from the University of Nebraska–Lincoln and then spent the next two years on the faculty in the Department of Crop and Soil Science at Michigan State University.

In 1981, he returned to South Dakota State and served on the faculty for nine years, leaving that position to become assistant dean of academic affairs in the College of Tropical Agriculture and Human Resources at the University of Hawaii at Manoa. From 1992 to 2005, Lemme held administrative and faculty positions at the University of Minnesota's West Central Research and Outreach Center and the Michigan Agricultural Experiment Station at Michigan State University. In 2005, more than 30 years after beginning there as an undergraduate, Lemme returned once again to South Dakota State, first as dean and professor of the College of Agriculture and Biological Sciences and then as professor of plant science and coordinator of special programs.

Since 2011, Lemme has served as director of the Alabama Cooperative Extension System, where he provides leadership

to the nation's only joint 1862 and 1890 land-grant university Extension system. As an experienced leader of scientific and academic programs, Lemme's commitment to the critical role of education in the sustainability of agriculture and rural American communities spans four decades and includes 20 assignments in 16 countries and approximately \$2.4 million in grants and contracts. He is a certified professional soil scientist, has published widely, and is the recipient of numerous awards.

Lemme was named a fellow of North American Colleges and Teachers of Agriculture in 1984. His vision for Extension is renowned across the U.S. for its balance of the intellectual and practical and its incorporation of environmental stewardship, economic development and quality-of-life issues. Hailed for his strong and courageous governance, his leadership abilities include skilled strategic planning, formation of transformational scientific teams, and fostering performance-based partnerships.



Academy of Fellows

Steven E. Taylor

Professor and Head, Department of Biosystems Engineering

*Fellow, American Society of Agricultural and
Biological Engineers, 2013*



Steve Taylor attended the University of Florida, where he earned his bachelor's degree with honors in agricultural engineering in 1983 and his master's in 1985. The Kentucky native continued his focus on agricultural engineering at Texas A&M, completing his Ph.D. in 1988.

The following year, Taylor joined the faculty at Auburn University, where in 2003 he was promoted to the rank of professor and named head of the Department of Biosystems Engineering and in 2007 was tapped as director of the university's newly established Center for Bioenergy and Bioproducts. Taylor specializes in forest engineering, structural wood engineering, and bioenergy.

During his 24-year career, Taylor has provided wood engineering education to more than 5,000 university students and practicing professionals in the design of wood structures. He has supported the structural wood products industry by providing engineering research and service to groups in the timber industry and has conducted engineering research for and outreach to the forest engineering community through the design of innovative forest road stream crossings, increased understanding of forest machine rollover behavior, and the advancement of precision forestry concepts and new technologies for harvesting and transporting of forest biomass.

Taylor has authored or co-authored 117 publications and proceedings papers, one book chapter, and 70 presentations. In his 25 years of American

Society of Agricultural and Biological Engineers membership, he has provided leadership on various bioenergy, forest engineering, education, and structures and environment committees and has served as chair of the Alabama Section. He has received a number of faculty awards and recognitions at Auburn and a Distinguished Young Engineer award from the ASABE's Alabama Section.

Taylor's work has included the development of video-based courses on wood design fundamentals, allowable stress design, load and resistance factor design, and modern timber bridge design. A few examples of his academic leadership include working to bring about new undergraduate and graduate degree programs, significant increases in student enrollment, growth in faculty ranks, and increased funding for research and extension programs. In his role as director of the Center for Bioenergy and Bioproducts, Taylor has worked collaboratively with multiple faculty groups, universities, and industry partners to secure more than \$33 million in extramural funding for research on biofuels, renewable electric power, and other bio-based products.

