

ASA-CSSA-SSSA | Awards Programs

Awards

*Exceptional Achievement
Distinguished Service
Professional Commitment*

Scholarships
Awards & Fellows



2008 Annual Meeting | Houston, Texas

American Society of Agronomy

Program and Reception

Tuesday, Oct. 7, 2008

Hilton Americas Houston, Ballroom of the Americas EF
5:30–6:15 pm, ASA Awards Reception

6:15–7:00 pm, ASA Awards Program

Awards

Congressional Science Fellow

The ASA–CSSA–SSSA Congressional Science Fellow spends a year in Washington, DC as a special assistant to a member of Congress or congressional committee. The fellowship provides practical contributions of science and technical knowledge in government while providing a public policy learning experience.

Benjamin L. Gutman



Benjamin L. Gutman received a Ph.D. in plant biology in 2007 from the University of California-Berkeley for research on DNA repair in the chloroplast. This research, involving genetics, cell biology, bioinformatics, and biochemistry, was conducted in the lab of Dr. K. Niyogi. Gutman received a B.S. degree cum laude in biology and art from Duke University. He grew up in Vermont and is a competitive skier and yo-yoer. Gutman began the fellowship in January 2008 working in Washington, DC for one year on the staff of Rep. Doris Matsui (D-5th CA).

Sustaining Membership

Organizations holding sustaining membership in the Societies are recognized at specific milestone years.

Crystal Sustaining Member CID Inc.

15 Years

Frank D. Keim Graduate Fellowship

The Frank D. Keim Graduate Fellowship is awarded to an undergraduate student accepted for graduate study and based on their academic excellence, leadership activities, and future plans related to the agronomic sciences. It is funded through the Agronomic Science Foundation, Frank D. Keim Fellowship Fund.

Christopher Schaefer



Christopher Schaefer is a graduate student in the Department of Agronomy and Plant Genetics at the University of Minnesota. He is studying plant breeding and genetics in maize under the direction of Dr. Rex

Bernardo. He began his M.S. program in fall 2008. Chris recently graduated from South Dakota State University, receiving a B.S. degree in agronomy and minors in chemistry and biology. At SDSU, Chris was active with his local SASES chapter for four years and served as an ambassador for the College of Agricultural and Biological Sciences.

J. Fielding Reed Scholarship

The J. Fielding Reed Scholarship recognizes an outstanding undergraduate senior pursuing a career in soil or plant sciences. It is funded through the Agronomic Science Foundation, J. Fielding Reed Scholarship Endowment Fund.

Kara Tipton



Kara Tipton is a senior environmental agriscience major at Tennessee Technological University in Cookeville, TN. Kara has been involved and carried leadership positions

in many clubs and organizations, including Collegiate FFA, Agriculture Council, Lambda Alpha Sigma, and the Environmental Conservation Club. She has also gained experience with summer internships at Paul Braden Surveying and Tennessee Valley Authority. Kara will graduate from Tennessee Tech with honors in December 2008 with a B.S. in agriculture.

Hank Beachell Future Leader Scholarship

The Hank Beachell Future Leader Scholarship is awarded to an undergraduate student participating in activities that enhance their university studies and expands their agricultural knowledge. It is funded through the Agronomic Science Foundation, Henry M. Beachell Future Leader Scholarship Fund.

Rachael Cox



Rachael Cox is a senior in agronomy with an emphasis in agroecology and international agriculture at Iowa State University. As the Hank Beachell Future Leader Scholarship recipient,

Rachael is spending this semester studying in Ecuador and Peru. While abroad, she will be living on and visiting farms in the tropical lowlands and the mountainous highlands, exploring many new types of crops, soils, and agroecosystems. At Iowa State, Rachael is involved in the International Association of Students in Agriculture and the Student Organic Farm.

United Soybean Board Fellowship

The United Soybean Board Fellowship promotes graduate education in the area of plant sciences, emphasizing the development of improved soybean varieties,

understanding soybean genetics, and developing improved ways to grow and use soybeans. The intention of the fellowship is to attract the highest quality students whose careers will continue to advance the science of soybean improvement. Funds for the fellowship are provided by the United Soybean Board.

Carolyn M. Bonin



Carolyn M. Bonin is a graduate student in the Department of Crop Sciences at the University of Illinois, Urbana-Champaign. She received a B.S. degree in biology at the University of Wisconsin-Madison in May

2005. Bonin recently completed her M.S. degree in May 2008 at Illinois, studying Fusarium head blight resistance in wheat. Currently, she is working towards a Ph.D. degree focusing on soybean breeding and genetics.

Werner L. Nelson Award for Diagnosis of Yield-Limiting Factors

The Werner L. Nelson Award for Diagnosis of Yield-Limiting Factors recognizes outstanding performance in the development, acceptance, and/or implementation of diagnostic techniques and approaches in the field. The selection criteria is the creativity and innovation of the nominee. It is funded through the Agronomic Science Foundation, Werner L. Nelson Award Fund.

John E. Sawyer



John E. Sawyer is a professor of soil science and soil fertility extension specialist in the Department of Agronomy at Iowa State University. He received a B.S. degree from The Ohio State University and

M.S. and Ph.D. degrees from the University of Illinois. His programs focus on effective nutrient management to enhance crop productivity and protect water quality. He has served as associate editor for *Agronomy Journal* and the *Journal of Production Agriculture*, and has been active in many American Society of Agronomy programs.

Agronomic Achievement Awards

ASA recognizes individuals for outstanding contributions to agronomy through education, national and international service, and research. The Certified Crop Adviser Program presents the ICCA of the Year Award.

Agronomic Resident Education Award

The Agronomic Resident Education Award recognizes traits that characterize excellence in resident classroom teaching through classroom skills, performance by graduates, student-teacher interactions, and recognition of accomplishments as a classroom teacher.

Lee Burras



Lee Burras is a professor of agronomy with affiliate appointments in geology and environmental science at Iowa State University. He received a Ph.D. in soil genesis from The Ohio State University. He teaches

courses in soils and environmental quality, watershed hydrology, and soil genesis and landscape relationships. He directs five graduate students, whose research focuses on soil-landscape relationships and long-term human impacts on soil quality. He is also the university's representative for the Iowa Cooperative Soil Survey.

Agronomic Extension Education Award

The Agronomic Extension Education Award recognizes educational contributions of extension agronomists, industrial agronomists, or others whose primary contributions are in teaching or education outside the university classroom.

William J. Cox



William J. Cox is professor and department extension leader in the Crop and Soil Science Department at Cornell University. He received a B.A. from Holy Cross College, M.S. from Fresno State

University, and Ph.D. from Oregon State University. His program focuses on corn, soybean, and wheat management with special emphases on corn silage hybrid and soybean variety testing in New York.

Dr. Cox served as the ASA board representative for Division A-4 Extension Education, served on the International CCA Board, and served as associate editor for *Agronomy Journal* and *Crop Management*.

Agronomic Service Award

The Agronomic Service Award recognizes development of agronomic service programs, practices, and products for acceptance by the public. The focus is on agronomic service with associated educational, public relations, and administrative contributions of industrial agronomists, governmental, industrial, or university administrators, and others.

Harold F. Reetz



Harold F. Reetz is director of external support and the Foundation for Agronomic Research at the International Plant Nutrition Institute. He received a B.S. in agricultural science/agronomy at

the University of Illinois, and M.S. and Ph.D. in crop physiology and ecology from Purdue University's Department of Agronomy. Dr. Reetz has built his career around the application of technology in high-yield cropping systems. A leader in the implementation of computer, satellite, and information technologies in crop production, he has coordinated the InfoAg Conference series since 1994, and has developed other programs and exhibitions to demonstrate the use of precision farming technologies.

Carl Sprengel Agronomic Research Award

The Carl Sprengel Agronomic Research Award recognizes major research accomplishments resulting from basic or applied researches in agronomy that have been adopted. The award is made for discoveries, techniques, inventions, or materials that increase crop yields, improve crop quality, food products, land and water development. It is funded through the Agronomic Science Foundation, Lena and Maria van der Ploeg Fund.

Kenneth J. Boote



Kenneth J. Boote is a professor in the Agronomy Department at the University of Florida. He received a B.S. degree from Iowa State University, and M.S. and Ph.D. degrees from Purdue University.

His research focuses on measuring and modeling crop growth and physiology in response to climatic, management, and genetic factors. He has served as associate editor for *Agronomy Journal* and *Crop Science*, as well as Division Chair for A-1 Resident Education and C-2 Crop Physiology and Metabolism. He is active in the Societies and the Biological Systems Simulation Group.

ICCA of the Year

The award recognizes a Certified Crop Adviser who delivers exceptional customer service, is highly innovative, has shown leadership in their field, and has contributed substantially to the exchange of ideas and the transfer of agronomic knowledge in the agriculture industry.

Allan H. Romander



Allan H. Romander is a Certified Crop Adviser and California Licensed Pest Control Adviser, recently retired from Western Farm Service Inc. Though retired, he continues to provide irrigation

consultation to Western Farm Service customers in central California. He received a B.S. degree in animal science from California State Polytechnic University-Pomona in 1968.

ASA-CSSA-SSSA Early Career Professional Award

The ASA-CSSA-SSSA Early Career Professional Award recognizes early career members who have made an outstanding contribution in agronomy, crop science, and/or soil science within seven years of completing their final degree.

Palle Pedersen



Palle Pedersen is an assistant professor and soybean extension agronomist in the Department of Agronomy at Iowa State University. Dr. Pedersen received B.S. and M.S. degrees from the Royal Veter-

inary and Agricultural University in Copenhagen, Denmark, another M.S. degree in agricultural economics from University of London, and Ph.D. from University of Wisconsin-Madison. His program's overall goal is to identify and solve soybean production problems to improve the economic well-being of farmers.

International Service in Agronomy Award

The International Service in Agronomy Award recognizes outstanding contributions in research, teaching, extension, or administration made outside of the United States by a currently active agronomist.

Peter R. Hobbs



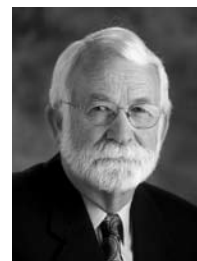
Peter R. Hobbs is an adjunct professor in the Crop and Soil Science Department at Cornell University. He received a B.S. degree from Reading University, UK, M.S. degree at Kansas State, and Ph.D.

from Cornell University. His specialty is agronomy and conservation agriculture. Dr. Hobbs spent his career in South Asia working for both IRRI and CIMMYT, two CGIAR centers, on agronomic issues in rice-wheat cropping systems. He helped catalyze and promote the adoption of zero-till wheat after rice, leading to more yield at less cost and using natural resources more efficiently.

Environmental Quality Research Award

The Environmental Quality Research Award recognizes contributions that have enhanced the basic understanding of environmental sciences in relation to agriculture, or demonstrated sound and effective management practices for maintaining or improving the quality of soil, water, and air resources.

Jerry C. Ritchie



Jerry C. Ritchie has been a soil scientist with USDA-ARS since 1968 beginning his research at the Sedimentation Laboratory in Oxford, MS, and working at the Hydrology and Remote Sensing Laboratory

in Beltsville, MD since 1983. He received a B.A. from Pfeiffer University, M.S. from University of Tennessee, and Ph.D. from University of Georgia. His research is centered on developing innovative and cost-effective techniques and methodologies for monitoring, evaluating, and controlling the effects of nonpoint source pollutants on soil and water quality and the environment.

Agronomic Industry Award

The Agronomic Industry Award recognizes outstanding performance by a private sector agronomist in the development, acceptance, and implementation of advanced agronomic programs, practices, and/or products.

Dean S. Fairchild



Dean S. Fairchild is an assistant vice president of agronomy at the fertilizer company, Mosaic. In this position, he manages a team of agronomists in 12 countries worldwide. This group conducts research, product

development, training and transfer of crop production Best Management Practices to farmers, crop-input dealers, and crop advisers.

American Society of Agronomy

ASA has been electing outstanding members to the position of Fellow since 1925. Members of the Society nominate worthy colleagues based on their professional achievements and meritorious service. Up to 0.3 percent of the Society's active and emeritus members may be elected Fellow.

Fellows

Kassim Al-Khatib



Kassim Al-Khatib is a professor in the Agronomy Department at Kansas State University. Dr. Al-Khatib received a B.S. from University of Baghdad and Ph.D. from Kansas State University. He has research

and teaching responsibilities. His research focuses on plant-environment-herbicides interactions and herbicide-resistant plants. He is the president of Council of Agricultural Science and Technology (CAST) and was president of Western Society of Weed Science. He serves as an associate editor for *International Journal of Agronomy* and has been active in the Weed Science of America, Western Society of Weed Science, and North Central Weed Society. He and a colleague introduced herbicide resistant sorghum technology, which will be commercialized in the near future.

Harold E. Balbach



Harold E. Balbach is a senior research biologist with the Army Engineer Research and Development Center, Champaign, IL. He received a B.S. degree from Chicago State University and M.S. and Ph.D. from

the University of Illinois–Urbana. His research has focused on environmental impact analysis, demand modeling, and land management, especially endangered species concerns. He has been active in the Ecological Society of America, the American Society for Horticultural Science, and is a fellow of the Society of American Military Engineers.

Silvia R. Cianzio



Silvia R. Cianzio is a professor in the Agronomy Department at Iowa State University. Dr. Cianzio received a B.S. from the University of Uruguay, and M.S. and Ph.D. degrees from Iowa State Uni-

versity. Her program focuses on breeding for disease, pest, and abiotic stress resistance in soybean. Dr. Cianzio has served as an associate editor for *Crop Science*, Division C-1 Crop Breeding and Genetics, and has been active in the Crop Science Society of America, the International Group on Iron Nutrition and Interaction in Plants, and the Puerto Rico Seed Research Association.

Maria Gallo



Maria Gallo is a professor and molecular biologist in the Agronomy Department at the University of Florida. She received a B.S. degree from Cornell University, and M.S. and Ph.D. degrees from

North Carolina State University. Her research is on crop biotechnology with a focus on improving peanut seed traits and enhancing sugarcane as a bioenergy crop. Dr. Gallo is a Fulbright Scholar who has served as an associate editor for *Crop Science*, and currently serves in that role for *Peanut Science*, and *BioEnergy Research*.

Rajinder Malhotra



Rajinder Malhotra is a senior chickpea breeder at the International Center for Agricultural Research in the Dry Areas, Aleppo, Syria. He received B.S. and M.S. degrees from the Punjab Agricul-

tural University and Ph.D. from Meerut University in India. His program focuses on breeding chickpea with resistance to biotic and abiotic stresses with good agronomic background and quality traits for international environments. Dr. Malhotra has been active in human resource development in food legume research throughout the world.

A. Colin McClung



A. Colin McClung is retired after 43 years, with the last ten devoted to research in the United States and Brazil. His early research focused on national research systems in developing countries, to research

management in two international research centers; International Rice Research Institute (IRRI) and Centro Internacional de Agricultura Tropical (CIAT). He was based abroad for 23 years, having lived in Brazil, Colombia, Philippines, Thailand, and India. He received a B.S. degree at West Virginia University and M.S. and Ph.D. at Cornell University.

Michael J. McLaughlin



Michael J. McLaughlin is chief research scientist and director of CSIRO Centre for Environmental Contaminants Research in Adelaide, Australia and professor in the School of Earth and Environmental

Sciences at the University of Adelaide. He has worked in three continents and focuses primarily on soil and environmental chemistry. Dr. McLaughlin looks at the behavior and toxicity of nutrients and contaminants in the soil-plant system, the assessment and remediation of contaminated soils, and use of advanced techniques to measure and monitor nutrients and pollutants in the environment.

J. Paul Murphy



J. Paul Murphy is a professor and small grains breeder in the Department of Crop Science at North Carolina State University and serves as assistant director of the Center for Plant Breeding and Applied

Plant Genomics. Dr. Murphy received a B.Agr.Sc. degree from University College Dublin, and M.S. and Ph.D. degrees from Iowa State University. His program focuses on wheat and oat breeding. He served as the Division C-1 Crop Breeding and Genetics representative to the ASA and CSSA Boards of Directors, and has been active with the Golden Opportunity Scholars Institute, and the National Oat and Wheat Improvement Committees.

Francis J. Pierce



Francis J. Pierce is director of the Center for Precision Agricultural Systems and professor in the Departments of Crop and Soil Sciences and Biological Systems Engineering at Washington State

University. He received a B.S. degree in geology from the State University of New York-Brockport and M.S. and Ph.D. degrees from the University of Minnesota. His program focuses on soil management and precision agriculture. He was elected as the 2009 president-elect of the American Society of Agronomy and will serve as president in 2010.

Alan J. Schlegel



Alan J. Schlegel is a professor and agronomist in the Southwest Research-Extension Center at Kansas State University. He received a B.S. degree from Kansas State University and M.S. and Ph.D. degrees

from Purdue University. His program focuses on nutrient and water management in dryland and limited irrigated cropping systems. Dr. Schlegel has served as associate editor for *Agronomy Journal* and currently serves as associate editor for *Soil Science Society of America Journal*. He has served on several ASA, CSSA, and SSSA committees.

J. Grover Shannon



J. Grover Shannon is professor of soybean genetics and breeding in the Division of Crop Sciences at the University of Missouri. He received a B.S. degree from Mississippi State University and M.S. and

Ph.D. degrees from Purdue University. His program focuses on soybean genetics

and breeding for enhanced yield, multiple pest-resistance, tolerance to abiotic stresses, and improved oil quality. Dr. Shannon has served on the Soybean Crop Registration Committee of the Crop Science Society of America and has been active in the American Seed Trade Association.

Peter R. Thomison



Peter R. Thomison is professor and extension agronomist in corn cropping systems at The Ohio State University. He received a B.A. degree from Duke University, M.S. degree from Purdue University, and Ph.D. degree from The Ohio

State University. His applied research and extension program focuses on identifying and promoting cultural practices that improve the efficiency and profitability of corn production. He has served as chair of Divisions A-4 Extension Education and C-3 Crop Ecology, Management, and Quality, and associate editor for *Agronomy Journal* and *Crop Management*.

Michael L. Thompson



Michael L. Thompson is a professor in the Agronomy Department at Iowa State University. He received a B.S. in agricultural sciences from the University of Illinois and Ph.D. in agronomy from

The Ohio State University. His teaching and research programs focus on environmental soil chemistry and mineralogy. He is an associate editor of the *Journal of Environmental Quality*. He has served as chair of Division S-9 Soil Mineralogy and on numerous other committees in SSSA and ASA.

Dennis J. Timlin



Dennis J. Timlin is a soil scientist with the USDA-ARS Crop Systems and Global Change Lab, Beltsville, MD. He received a B.A. from SUNY Buffalo, and M.S. and Ph.D. degrees from Cornell

University. His program is directed toward quantifying the effects of environmental variables on crop growth and soil processes. He has served as an associate editor for *Agronomy Journal*, will serve as division chair for A-3 Agroclimatology and Agronomic Modeling in 2009 and is an active member of the Biological Systems Simulation Group.

H. Allen Torbert



H. Allen Torbert is a research leader and soil scientist at the USDA-ARS National Soil Dynamics Laboratory in Auburn, AL. He received B.S. and M.S. degrees from Auburn University and Ph.D. from

the University of Illinois. His program focuses on soil fertilizer practices, crop residues, tillage requirements and animal waste treatment for crop management systems. Dr. Torbert served as an associate editor for *Soil Science Society of America Journal* and on several ASA, CSSA, and SSSA committees.

Hari D. Upadhyaya



Hari D. Upadhyaya is a principal scientist in genetic resources at the International Crops Research Institute for the Semi-Arid Tropics, India. He received a M.Sc. and Ph.D. in plant breeding from GB

Pant University of Agriculture & Technology Pantnagar, India. His research focuses on assessing crop diversity using morphological traits and molecular markers, and identifying germplasm lines for use by breeders in the dryland crops such as chickpea, pigeonpea, peanut, sorghum, pearl millet, and six small millets, using core and mini-core collection approaches.

Daniel T. Walters



Daniel T. Walters is a professor of soil science in the Department of Agronomy and Horticulture at the University of Nebraska where he teaches graduate and undergraduate courses. He received B.S. and M.S.

degrees from the University of Illinois, and Ph.D. from the University of Minnesota. His research emphasis has been the study of nitrogen and carbon cycling in intensively managed agroecosystems. Dr. Walters was associate editor for the *Journal of Production Agriculture* and served on SSSA's steering and design committees for the Smithsonian's Soils Exhibition.

Ole Wendroth



Ole Wendroth is associate professor in the Department of Plant and Soil Sciences at the University of Kentucky. He received a Ph.D. degree from the University of Goettingen, and his Habilitation

degree from Technical University of Berlin, Germany. He works in soil landscape research with respect to water and solute transport, and biomass development. Dr. Wendroth is currently technical editor for *Agronomy Journal*, and associate editor for *Soil Science Society of America Journal* and *Vadose Zone Journal*.

Hailin Zhang



Hailin Zhang is a professor of soil science in the Department of Plant and Soil Sciences at Oklahoma State University, and director of the Soil, Water, and Forage Analytical Laboratory and extension specialist

of nutrient management. He received a B.S. from Nanjing Agricultural University, China; M.S. from Iowa State University; and Ph.D. from the University of Minnesota. His program focuses on plant nutrient management and environmental protection. Dr. Zhang is an associate editor for *Soil Science Society of America Journal*, and has been active in ASA, SSSA, and many regional committees.



Crop Science Society of America

Program and Reception

Monday, Oct. 6, 2008
Hilton Americas Houston, Ballroom of the Americas DE
5:30–6:15 pm, CSSA Awards Reception
6:15–7:00 pm, CSSA Awards Program

Awards

CSSA Presidential Award

The CSSA Presidential Award is given to persons who have influenced the science or practice of crop production so greatly that the impact of their efforts will be enduring on future science. Their work may have enhanced the yield or quality of crops, improved the potential utility of crop products, provided break-through techniques or unique materials for progress by others, or increased our understanding of some aspect of crop science, but the fundamental criterion is that their influence be such a lasting and important one in the area of crops and their production that their impact will be long lasting.

Bill and Melinda Gates Foundation

The Bill and Melinda Gates Foundation was established in 2000 and works to help all people lead healthy, productive lives. In developing countries, it focuses on improving people's health and giving them the chance to lift themselves out of hunger and extreme poverty. In the United States, it seeks to ensure that all people, especially those with the fewest resources, have access to the opportunities they need to succeed in school and life. The foundation is based in Seattle, WA.

Christopher Bond



Christopher "Kit" Bond is a Republican Senator from Missouri and is recognized as a national leader in the promotion of plant biotechnology. At age 33, Bond became the 47th governor of the state of Missouri in 1973, and

was re-elected to a second term as governor in 1980. He continued his service to Missouri and won a seat in the U.S. Senate in 1986, and again in 1992, 1998, and 2004. Bond has worked to make Missouri the premier plant biotechnology and life sciences corridor in the country.

Golden Opportunity Scholars

CSSA has named the class of Golden Opportunity Scholars who will begin a year-long mentoring program at the Annual Meetings. Fourteen undergraduates, chosen for their academic achievements and interest in crop science, have been selected to participate in special activities at this year's meetings. The students are given financial support to attend the meetings and will be paired with a mentor for the coming year. The Institute is funded through the Agronomic Science Foundation, CSSA Golden Opportunity Fund, and Nyquist Opportunity Fund, along with gifts from Pioneer Hi-Bred International, Inc, and Monsanto Company.

Benjamin Allen



Benjamin Allen is a student in the Biological Sciences Department at Wheaton College, Illinois. He plans to graduate in December 2008 with a B.S. in biology. His goal is to use crop science and micro-enter-

prise skills to create sustainable economic opportunities for the local people in developing countries. His research studies so far have focused on the genetic transformation of plants. He plans to attend graduate school in agricultural economics.

Nathan Anderson



Nathan Anderson is a student in the Agronomy Department at Iowa State University. He is majoring in agronomy with a business management option. Nathan is a junior and plans to graduate

in May 2010. His goal is to research on-farm applications of small-scale plot trials, as well as crop rotation variations. He has been a member of the Iowa State University Agronomy Club where he currently serves as president. He plans to continue his education through a distance M.S. degree program.

Sarah Burleson



Sarah Burleson is a student in the Crop and Soil Environmental Sciences Department at Virginia Tech from Unionville, VA. She is majoring in crop and soil environmental sciences with a minor in envi-

ronmental science. Sarah is a senior and plans to graduate in May 2009. Her goal is to work in the field of crop improvement and to help farmers. She is vice president of the Agronomy Club at Virginia Tech, chaplain and agricultural education chair of Sigma Alpha, and member of Alpha Zeta and the 2007 Crops Judging Team.

Ben Campbell



Ben Campbell is a student in the Agronomy Department at Purdue University. He is majoring in plant breeding and genetics with a minor in statistics. He is a junior and plans to graduate in May

2010. He strives to become a researcher in private industry. His study focuses on wheat breeding for stem rust resistance. Ben is a member of his local ASA chapter, serves as the principal bassoonist of Purdue University Bands, and is an active member of Purdue Campus Christian House. He plans to pursue a doctorate in plant breeding.

David Favero



David Favero is a student at Colorado State University. He is majoring in soil and crop sciences with a concentration in plant biotechnology, genetics, and breeding. After David graduates this May, he is planning to attend graduate school for either plant molecular biology or crop development. Two of his career goals are to develop new genetically modified crops to help fight global diseases, such as cancer or AIDS, and to be a professor.

Allison Ferry



Allison Ferry is a student in the Plant Science Department at California State University-Fresno and is majoring in plant science with an emphasis in horticulture. Allison is a senior and plans to graduate in May 2009. Her goal is to become a researcher for an academic institution. Her study focuses on sustainable disease controls on tree fruit. Allison is the founder of the Plant Science Department Club. She plans to attend graduate school in plant pathology.

Jill Floyd



Jill Floyd is a May 2008 graduate of the Applied Biology department at Rose-Hulman Institute of Technology. Jill is currently a soybean breeding intern with Monsanto in Stonington, IL. Her goal is to become a research scientist in private industry. Her undergraduate research experiences ranged from studying the degree of foraging in *Podophyllum peltatum* to investigating the biological and chemical attributes of a wetland.

Annette Hernandez



Annette Hernandez is an agronomy crop production major and international marketing minor at the University of Cal Poly-Pomona. She has gained farming experience from living in Mexico, where she

grew up, and working with producers such as Driscoll's. Her goal is to work independently and extend beyond international borders. She has served as an agricultural representative for her agricultural club of which she is now vice president.

Karri Honaker



Karri Honaker is a student majoring in crop and soil environmental science at Virginia Tech. She has two minors, one in environmental science and the other in agricultural economics. Karri is a senior and will graduate in May 2009. She has served as the treasurer of SASES and as vice president of the Virginia Tech Agronomy Club. She is active at her school and in her community and hopes to pursue a successful career in the agricultural field.

Adam Karbo



Adam Karbo is a student in the Plant Science Department at South Dakota State University. He is majoring in agronomy with minors in ag business and business. Adam is a junior and plans to graduate in December 2009. His goal is to become an agronomist for a seed or chemical company. His study is in agronomy with classes in plant fertility, soil management, weeds and insect control, and crop management. He is a member of the Agronomy Club. He plans to attend graduate school in soil science after graduation.

Kellar Nelson



Kellar Nelson is a student at the University of Missouri-Columbia. She is majoring in plant sciences with an emphasis in precision agriculture. Kellar is a senior and plans to graduate in December 2009. Her goal is to work in the field of precision agriculture, using, and developing the latest technology in GPS, GIS, and soil testing. Kellar is an ASA-CSSA-SSSA member, and is an officer and member of the Agronomy Club. She is active in her church and community, and plans to attend graduate school to study agronomy.

Scott Rowntree



Scott Rowntree is a junior in the Agronomy Department at University of Wisconsin-Madison, and is majoring in agronomy and soil science. Scott plans to attend graduate school in agronomy after graduating in May 2010. His studies focus on crop production and management with interest in practical and sustainable agriculture. He plans to become an extension agent, a crop consultant, or an agronomist for an ag-business or seed company. Scott is a member of the UW Marching Band, CALS Student Council, and participates in many CALS activities.

Ashley Sollman



Ashley Sollman, a senior in the Agricultural Economics Department at the University of Wisconsin-River Falls, plans on graduating in May 2009. She is majoring in agricultural business with a minor in agronomy. Her study focuses on farm management and profit maximization from crop production. Her career goal is to educate and assist producers on the best solutions for their operation. Ashley is vice president of the UW-River Falls Crop and Soils Club, an officer of Alpha Zeta, a member of Ag Business and Marketing Society, and Dairy Club.

Kent Williams



Kent Williams is a student in the Crop and Soil Environmental Sciences Department at Virginia Tech. He is majoring in crop and soil environmental sciences with a minor in agricultural economics. Kent is a junior and will graduate in May 2011. His goal is to become a soil conservationist, nutrient management planner and a beef farmer. His study focuses mainly on crop and soil management and agricultural economics. Kent has been a member of his local SASES chapter and is active in his community.

Gerald O. Mott Scholarship

The Gerald O. Mott Scholarship is provided to a meritorious student who has completed at least one year of graduate work leading to an M.S. or Ph.D. degree in a field of emphasis within crop science and who has outstanding potential for leadership. The scholarship is supported by a gift from Mrs. Lorraine Mott and family and contributions to the Agronomic Science Foundation.

Christopher R. Boomsma



Christopher R. Boomsma is a Ph.D. candidate in crop physiology and cropping systems in the Department of Agronomy at Purdue University. He received a B.A. degree in agriculture—plant sciences

from Dordt College, Sioux Center, IA. His doctoral research seeks to elucidate the physiological mechanisms associated with intraspecific competition and plant-to-plant variability in maize as affected by nitrogen rate, plant density, and genotype. He is a member of ASA, CSSA, and SSSA.

Jo Anne Crouch



Jo Anne Crouch is a recent graduate of the Ph.D. program in the Plant Biology and Pathology department at Rutgers University, where her research focused on the population biology

of anthracnose disease fungi in turfgrass, prairie, and cereal crops. Dr. Crouch is interested in how fungi adapt and evolve in response to agricultural landscapes, and the impact of agronomic pathogens on natural fungal populations. Her graduate work was supported by fellowships from The Land Institute and the EPA; she is the author of six refereed journal articles.

Frank N. Meyer Medal for Plant Genetic Resources

The Frank N. Meyer Medal for Plant Genetic Resources is presented in commemoration of Frank N. Meyer who served for 13 years as agricultural explorer in the Office of Foreign Seed and Plant Introduction and who died while exploring in China. The memorial award was created in recognition of his contribution to American horticultural economics and service in the field of foreign plant introduction.

Richard Hannan



Richard Hannan, an independent plant genetic resource conservation consultant, was a horticulturist for the USDA-ARS, Western Regional Plant Introduction Station, Pullman, WA. Dr. Hannan received a B.S.

in botany from University of California-Berkeley, and M.S. and Ph.D. from Washington State University. His program focuses mainly on acquisition, maintenance and conservation of genetic diversity of a wide range of plant taxa. Other research focuses on the role of lipids in the seed aging, and evaluation and development of core collections.

NCCPB Genetics and Plant Breeding Award for Industry

The Genetics and Plant Breeding Award for Industry is presented to a crop scientist who has made significant contributions in genetics and plant breeding during his or her career in the private sector. These contributions to plant science may be made through basic, applied, or developmental research in genetics and plant breeding. Funds for the award are provided by the National Council of Commercial Plant Breeders (NCCPB).

Crystal A. Rose-Fricker



Crystal A. Rose-Fricker is president of Pure-Seed Testing Inc., vice-president and secretary/treasurer for Rose Agri-Seed Inc., corporate secretary and treasurer for HybriGene Inc. She received B.S.

and M.S. degrees from Oregon State University. Her primary research activities

involve developing cool-season turfgrasses with improved disease resistance and resistance to abiotic stresses, including salt, drought and herbicides. She serves on the board of advisors for the seed division of The Scotts Company.

Monsanto Crop Science Distinguished Career Award

The Monsanto Crop Science Distinguished Career Award is presented to a crop scientist who has exhibited an outstanding record of service during a minimum of 25 years. Funds for the award are provided by the Monsanto Company.

Lowell E. Moser



Lowell E. Moser is a professor emeritus of the Agronomy and Horticulture Department at the University of Nebraska. He received a B.S. and Ph.D. from The Ohio State University and a M.S. from

Kansas State University. His teaching and research career was in the area of forage and range physiology and management. Dr. Moser has served on the CSSA and ASA Boards, as an *Agronomy Journal* associate and technical editor, and has edited two monographs. Dr. Moser has been the president of CSSA, ASA, and international president of Gamma Sigma Delta.

Young Crop Scientist Award

The Young Crop Scientist Award is designed to recognize a scientist who has made an outstanding contribution in any area of crop science by the age of 37. Specifically, the recipient is cited for teaching abilities, effectiveness in extension and service activities, significance and originality of basic and applied research, and effectiveness in administrative areas.

Jeremy W. Singer



Jeremy W. Singer is a research agronomist with the USDA-ARS National Soil Tilth Lab, Ames, IA. He received B.S., M.S., and Ph.D. degrees from Cornell University. His research quantifies water and radiation interactions on plant ecology in systems with varying tillage intensity, organic amendments, and cover crops. Dr. Singer has served as associate and technical editors for *Agronomy Journal* and has been active in CSSA and ASA.

Fred V. Grau Turfgrass Science Award

The Fred V. Grau Turfgrass Science Award is presented in recognition of significant career contributions in turfgrass science. The fund for this award is supported by Division C-5 Turfgrass Science.

Roch E. Gaussoin



Roch E. Gaussoin is a professor of agronomy and horticulture and extension turfgrass specialist at the University of Nebraska-Lincoln. Dr. Gaussoin received B.S. and M.S. degrees from New Mexico State University and Ph.D. from Michigan State University. His research program focuses on turfgrass weed management and management and construction of golf greens. He provides state-wide support of turfgrass extension programs and serves as the state-wide coordinator for the master gardener program. He is associate editor for *Crop Science* and the acquisitions editor for *Applied Turfgrass Science*.

Crop Science Achievement Awards

CSSA recognizes these individuals for their outstanding contributions to crop science through education, national and international service, and research.

International Service in Crop Science Award

The International Service in Crop Science Award recognizes creativity and innovation in bringing about specific changes in practices, products, and/or programs in the crops area at the international level.

John Ryan



John Ryan is soil scientist at one of the CGIAR centers, the International Center for Agricultural Research in the Dry Areas (ICARDA), based in Syria. He received B.Agr.Sc., Ph.D., and D.Sc., degrees from University College Dublin, Ireland, and an M.S. from the University of Arizona. He spent most of his career in the Middle East, and throughout North Africa and West and Central Asia while at ICARDA since 1992. His research is mainly on dryland soil fertility, nutrient dynamics, fertilizer use efficiency, and laboratory management and quality control. He serves on the editorial boards of *European Journal of Agronomy*, *Nutrient Cycling in Agroecosystems*, *Renewable Agriculture and Food Systems*, and several regional journals.

Crop Science Extension Education Award

The Crop Science Extension Education Award is presented in recognition of the excellence in extension teaching activities in the area of crop science.

Jerome H. Cherney



Jerome H. Cherney is the E.V. Baker professor of agriculture in the Crop and Soil Science Department at Cornell University. He also is the New York state extension forage crop specialist. Dr. Cherney received B.S. and M.S. degrees from the University of Wisconsin and Ph.D. degree from the University of Minnesota. His program focuses equally on forage crops for dairy cattle and on grass pellets for bioheat. He served as an associate editor for *Crop Science* and currently serves as a senior editor for *Forage and Grazinglands* e-journal.

Crop Science Research Award

The Crop Science Research Award is presented in recognition of research contributions to crop science.

Kenneth J. Boote



Kenneth J. Boote is a professor in the Agronomy Department at the University of Florida. He received a B.S. degree from Iowa State University, and M.S. and Ph.D. degrees from Purdue University. His research focuses on measuring and modeling crop growth and physiology in response to climatic, management, and genetic factors. He has served as associate editor for *Agronomy Journal* and *Crop Science*, as well as Division Chair for A-1, C-2. He is active in the Societies and the Biological Systems Simulation Group.

Crop Science Teaching Award

The Crop Science Teaching Award recognizes traits that characterize excellence in resident classroom teaching of crop science at the undergraduate and graduate student level.

Stephen C. Mason



Stephen C. Mason is professor in the Department of Agronomy and Horticulture at the University of Nebraska. He received a B.S. degree in agricultural education at the University of Missouri, and M.S. and Ph.D. degrees in agronomy at Purdue University. His teaching and research programs are in the area of crop management, and he has broad international experience in Africa and Latin America. Teaching efforts have emphasized resource efficient crop management of commodity and specialty grain crops. Dr. Mason has been active in ASA and North American Collegiate and Teachers of Agriculture (NACTA).

Crop Science Society of America

CSSA has been electing outstanding members to the position of Fellow since 1985. Members of the Society nominate worthy colleagues based on their professional achievements and meritorious service. Up to 0.3 percent of the Society's active and emeritus members may be elected Fellow.

Fellows

Prakash R. Arelli



Prakash R. Arelli is a supervisory research geneticist and soybean breeder with USDA-ARS midsouth area in Jackson, TN. Dr. Arelli received B.S. and M.S. degrees from A.P. Agricultural University in

India, and Ph.D. degree from the University of Georgia. His program focuses on soybean breeding to genetically manage cyst nematode. He served as an associate editor for *Crop Science*, and *Journal of Plant Registrations*. He has been chair of the soybean germplasm release subcommittee, and has been active in the CSSA.

Patrick G. Hunt



Patrick G. Hunt is the director/research leader of the USDA-ARS, Coastal Plain Soil, Water, and Plant Research Center in Florence, SC. He received B.S. and M.S. degrees from Clemson University and

his Ph.D. degree from the University of Florida. Dr. Hunt's research focuses on the integrations of livestock manure management, bioenergy, and cropping systems.

James D. Kelly



James D. Kelly is a professor and geneticist in the Crop and Soil Sciences Department at Michigan State University. He received a B.S. degree at Queen's University of Belfast, Northern Ireland and

M.S. and Ph.D. degrees from the University of Wisconsin. He has directed a dry bean breeding and genetics program that focused on the development and use of molecular markers to assist in breeding. Dr. Kelly has been active in the ASA and is president of the international research organization, the Bean Improvement Cooperative.

Schuyler S. Korban



Schuyler S. Korban is a professor of molecular genetics and biotechnology in the Department of Natural Resources and Environmental Sciences at the University of Illinois-Urbana-Champaign. He

received a B.S. and M.S. degrees from the American University, and Ph.D. degree from the University of Nebraska. His program focuses on plant functional genomics, biotic stress, reproductive growth, and plant metabolic engineering. Dr. Korban is associate editor for *The Plant Genome*, *Plant Breeding*, and *Tropical Plant Biology*, and is editor-in-chief of *Plant Molecular Biology Reporter* and of *Plant, Cell, Tissue and Organ Culture*.

Nora L. Lapitan



Nora L. Lapitan is a professor and geneticist in the Department of Soil and Crop Sciences, and the Cell and Molecular Biology Program at Colorado State University. She received a B.S. degree from

the University of the Philippines, and M.S. and Ph.D. degrees from Kansas State University. Her program focuses on the application of genomics to improvement of cereal crops. She has served as associate editor for *Crop Science* and has been active in CSSA, Entomological Society of America, and Plant and Animal Genome conferences.

Rajinder Malhotra



Rajinder Malhotra is a senior chickpea breeder at the International Center for Agricultural Research in the Dry Areas, Aleppo, Syria. He received B.S. and M.S. degrees from the Punjab

Agricultural University and Ph.D. from Meerut University in India. His program focuses on breeding chickpea with resistance to biotic and abiotic stresses with good agronomic background and quality traits for international environments. Dr. Malhotra has been active in human resource development in food legume research throughout the world.

David S. Marshall



David S. Marshall is the research leader of the USDA-ARS Plant Science Research Unit, Raleigh, NC. He received a B.S. degree from Towson State College, M.S. degree from Louisiana State University, and Ph.D.

from Purdue University. His program focuses on the breeding of cereal crops and the genetics of disease resistance. He has served as associate editor of *Crop Science*, chairman of the Wheat Crop Registration Committee, and member of the Barley Crop Registration Committee. He is active in the National Wheat Improvement Committee, the Wheat Crop Germplasm Committee, and the American Phytopathological Society.

Matt A. Sanderson



Matt A. Sanderson is a research agronomist with the USDA-ARS Pasture Systems and Watershed Management Research Unit, University Park, PA. Dr. Sanderson received B.S. and M.S. degrees from North

Dakota State University, and Ph.D. from Iowa State University. His research focuses on forage management, grazing land ecology, and bioenergy crops. He has served as chair and board representative for Division C-6 Forage and Grazinglands and held several journal editorial positions. He is active in the American Forage and Grassland Council and the Forage Foundation.

J. Paul Murphy



J. Paul Murphy is a professor and small grains breeder in the Department of Crop Science at North Carolina State University, and serves as assistant director of the Center for Plant Breeding and

Applied Plant Genomics. Dr. Murphy received a B.Agr.Sc. degree from University College Dublin, and M.S. and Ph.D. degrees from Iowa State University. His program focuses on wheat and oat breeding. He served as the C-1 Crop Breeding and Genetics division representative to the ASA and CSSA Boards of Directors, and active with the Golden Opportunity Scholars Institute, and National Oat and Wheat Improvement Committees.

Ganesan Srinivasan



Ganesan Srinivasan is the director of University Agricultural Laboratory at California State University-Fresno. He received B.S. and M.S. degrees from Tamil Nadu Agricultural University, India, Ph.D from Uni-

versity of Hawaii, and MBA from Purdue University. Before joining Fresno State in 2005, Dr. Srinivasan served as principal scientist and associate director of Maize Program at CIMMYT, Mexico. During his 15 years of service in international agriculture, he developed hundreds of improved maize germplasm that are widely grown around the world.



Soil Science Society of America

Program and Reception

Monday, Oct. 6, 2008
George R. Brown Convention Center,
George Bush Grand Ballroom C
5:30–6:15 pm, SSSA Awards Reception
6:15–7:00 pm, SSSA Awards Program

Awards

Francis and Evelyn Clark Soil Biology Scholarship

The Francis and Evelyn Clark Soil Biology Scholarship was established to recognize the importance of soil biology and the understanding of soil, plant, and microbial interactions and of nutrient cycling in terrestrial ecosystems. The scholarship is supported by a gift from Dr. and Mrs. Francis Clark to the Agronomic Science Foundation.

Eliana Bontti



Eliana Bontti is a Ph.D. student in the graduate degree program in ecology, Department of Forestry, Rangeland, and Watershed Stewardship at Colorado State University. She received B.S. and M.S.

degrees from the Universidad Nacional del Sur in Argentina. Her research focuses mainly in grassland, in particular the short grass steppe. She is studying nitrogen partitioning between microbes and plants, and the relative role of fungi and bacteria on greenhouse gas emissions.

Lloyd R. Frederick Soil Teaching Travel Study Award

The Lloyd R. Frederick Soil Teaching Travel Study Award is designed to assist top soil science instructors so they may have a foreign study travel or sabbatical experience. The program will help support the soil science profession, encourage international teaching experiences, and benefit countless students. It is funded through the Agronomic Science Foundation, Lloyd R. Frederick Fund.

Bruno Basso



Bruno Basso is an associate professor in the Department of Crop Systems, Forestry, and Environmental Sciences at the University of Basilicata, Italy. Dr. Basso received a B.S. and M.S. degrees

from the University of Naples, Italy, and Ph.D. degree from Michigan State University. His field of research is precision agricultural systems with specific interest in the development and application crop simulation models to assess causes of spatial and temporal variability of yield and to identify soil management strategies to increasing crop productivity and water-use efficiency.

L.R. Ahuja Ag Systems Modeling Award

The L.R. Ahuja Ag Systems Modeling Award is presented to an early career soil scientist, agronomist, or crop scientist in recognition of significant contributions in agricultural system models. The award is supported by a gift from Dr. Lajpat (Laj) R. Ahuja to the Agronomic Science Foundation.

Qingli Ma



Qingli Ma is an environmental hydrologist in the Environmental & Turf Services, Inc. in Maryland. He received a B.S. degree from Shandong Normal University, M.S. degree from Zhejiang University, and Ph.D.

degree from the University of Georgia. His program focuses mainly on computer simulation modeling of water, pesticide, and nutrient transport in agricultural and urban systems, such as golf courses. Dr. Ma has been active in SSSA, American Chemical Society, and ASA.

Emil Truog Soil Science Award

The Emil Truog Soil Science Award is given to a Ph.D. recipient who has made an outstanding contribution to soil science as evidenced by his or her Ph.D. dissertation. The awardee must have received a Ph.D. degree during the preceding calendar year. It is funded through the Agronomic Science Foundation, Emil Truog Fund.

Stephanie Boyle-Yarwood



Stephanie Yarwood is an instructor/advisor in Oregon State University's Department of Microbiology. She received her Ph.D. from Oregon State University in crop and soil sciences. Her research interests include links between microbial community composition and nutrient cycling in forest soils. A contributor to the *Journal of Natural Resource and Life Science Education*, Dr. Yarwood is engaged in teaching that promotes inquiry-based learning. She is a member of the Soil Science Society of America and the American Society for Microbiology.

Her research interests include links between microbial community composition and nutrient cycling in forest soils. A contributor to the *Journal of Natural Resource and Life Science Education*, Dr. Yarwood is engaged in teaching that promotes inquiry-based learning. She is a member of the Soil Science Society of America and the American Society for Microbiology.

Don & Betty Kirkham Soil Physics Award

The Don and Betty Kirkham Soil Physics Award recognizes mid-career soil scientists who have made outstanding contributions in the area of soil physics. It is funded through the Agronomic Science Foundation, Lena and Maria van der Ploeg and Don and Betty Kirkham Funds.

Harry Vereecken



Harry Vereecken received his agricultural engineering degree and Ph.D. in agricultural sciences from Leuven University, Belgium. His research focuses on water flow and solute transport in soils

and aquifers. He is the liaison for Europe of *Vadose Zone Journal*. He is active in the European Geophysical Union, SSSA, German Soil Science Society, and American Geophysical Union.

Irrrometer Professional Certification Service Award

The Irrrometer Certification Service Award recognizes an outstanding certified professional who has demonstrated adherence to the certification goals and personal growth, impact on associates, and the public at large. Funds for the award are provided by the Irrrometer Company.

Pierre A. Bordenave



Pierre A. Bordenave is the president and owner of the soil scientist consulting firm, InterMountain Resources (IMR), headquartered in Sandpoint, ID. As a soil scientist and entrepreneur, he formed

IMR 24 years ago. The firm provides a comprehensive range of environmental services, with a focus on soil and water issues, limitations, and capabilities. Bordenave received a B.S. degree in 1981 from the University of Idaho. He has served in various capacities of the National Society of Consulting Soil Scientists and is the current Chair of the Board.

Soil Science Distinguished Service Award

The Soil Science Distinguished Service Award is presented in recognition of outstanding service to soil science. Selection is based on the nominee's contributions during his or her career. Members eligible for the award must have 25 years or more of active membership in the Society and have ceased full-time professional employment. Up to three members per year can be selected for the award.

Larry P. Wilding



Larry P. Wilding is professor emeritus in the Soil and Crop Sciences Department, Texas A&M University. Earlier he served on the faculty at The Ohio State University. He received a B.S. and M.S. degrees

from South Dakota State University and Ph.D. from the University of Illinois. His program focused on pedology with more than 40 years teaching and research experience in near surface Earth processes. He served as SSSA President, member of several NRC/NAS committees, and as co-chair of the 18th World Congress of Soil Science.

Soil Science Achievement Awards

SSSA recognizes the following individuals for their outstanding achievements to soil science through education, research, and national and international service

Soil Science Research Award

The Soil Science Research Award recognizes outstanding research contributions in soil science.

Warren J. Busscher



Warren J. Busscher is a soil science researcher with the USDA-ARS Coastal Plains Research Center, in Florence, SC. He received a B.S. from Loyola University, Chicago and M.S. and Ph.D. from

Penn State. His research focuses on soil strength, tillage management, and water availability/management for plant growth. Dr. Busscher served as associate editor for the *Soil Science Society of America Journal* and as editor of the *Journal of Soil and Water Conservation*.

Soil Science Education Award

The Soil Science Education Award recognizes outstanding educational contributions in soil science.

Michel D. Ransom



Michel D. Ransom is a professor of soil science and assistant head for teaching in the Agronomy Department at Kansas State University. He received a B.S.A. and M.S. degrees from the University of Ar-

kansas and his Ph.D. degree from The Ohio State University. He conducts teaching and research in pedology and coordinates the Agronomy teaching program. Dr. Ransom has served as Chair of the Pedology Division and was on the Board of Directors for the Soil Science Society of America. He is a Fellow of the American Society of Agronomy and the Soil Science Society of America.

Soil Science Applied Research Award

The Soil Science Applied Research Award recognizes outstanding achievement in applying research principles to solve practical problems in soil science.

Jorge A. Delgado



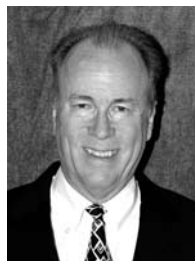
Jorge A. Delgado is a soil scientist with USDA-ARS and Fellow of SSSA, SWCS and ASA. Dr. Delgado received a B.S. degree from the University of Puerto Rico, and M.S. and Ph.D. from Louisiana State

University. He has been research editor of the *Journal of SWCS* and chair of the SWCS editorial board since 2001 and is the current SSSA and SWCS liaison. His applied research in the use of cover crops, ¹⁵N isotopic techniques, and nitrogen management practices and tools have greatly impacted soil nutrient management, helping to increase farm-level nitrogen use efficiencies.

Soil Science Professional Service Award

The Soil Science Professional Service Award recognizes outstanding service in promoting programs, practices, technology, or products that enhance soil science by industrial, private, and governmental soil scientists.

Barrett L. Kays



Barrett L. Kays, president of Landis, Inc. in Raleigh, NC is a soil scientist in private practice. He holds a B.S. degree from Oklahoma State University, M.L.A. degree in landscape architecture, and Ph.D. degree in soil science from North Carolina State University. His knowledge of the political and legislative process was

essential in passage of North Carolina Soil Science Licensing Act and development of the vibrant profession in North Carolina. He continues to promote the profession of soil science through his work on various national and state boards and commissions.

International Soil Science Award

This International Soil Science Award recognizes outstanding contributions in research, teaching, extension, or administration made outside of the United States by a current soil scientist.

Michael J. McLaughlin



Michael J. McLaughlin is chief research scientist and director of CSIRO Centre for Environmental Contaminants Research in Adelaide, Australia and professor in the School of Earth and Environmental

Sciences at the University of Adelaide. He has worked in three continents and focuses primarily on soil and environmental chemistry. Dr. McLaughlin looks at the behavior and toxicity of nutrients and contaminants in soil-plant system, the assessment and remediation of contaminated soils, and use of advanced techniques to measure and monitor nutrients and pollutants in the environment.

Soil Science Society of America

SSSA has been selecting outstanding members to the position of Fellow since 1976. Members of the Society nominate worthy colleagues based on their professional achievements and meritorious service. Up to 0.3 percent of the Society's active and emeritus members may be elected Fellow.

Fellows

Thomas W. Bruulsema



Thomas W. Bruulsema is director for the Northeastern region of the North American Program of the International Plant Nutrition Institute, based in Guelph, Ontario. He holds a B.Sc. and an M.Sc. in crop

science from the University of Guelph, and Ph.D. in soil science from Cornell University. His research and education programs focus on responsible, science-based management of plant nutrients. Two recent publications edited include, *Managing Crop Nitrogen for Weather*, and *Quantifying and Understanding Plant Nitrogen Uptake for Systems Modeling*.

Seth M. Dabney



Seth M. Dabney is a research agronomist at the USDA National Sedimentation Lab in Oxford, MS. He also serves as adjunct professor at Mississippi State University, University of Mississippi, and University

of Tennessee. Dr. Dabney received a B.A. degree from Hamilton College and M.S. and Ph.D. degrees from Cornell University. His research program focuses on buffers for soil and water conservation and integrated conservation farming. He is the current ARS lead for the development and support of the RUSLE2 conservation planning tool and serves as the technical editor Division S-6 Soil and Water Management and Conservation, of *Soil Science Society of America Journal*.

Steve R. Evett



Steve R. Evett is research soil scientist at USDA-ARS Conservation and Production Research Laboratory, Bushland, TX. He received a B.S. degree in chemistry from the University of Idaho, and M.S.

and Ph.D. degrees in soil and water science from the University of Arizona. He conducts research in irrigation automation using near-surface sensors, crop water use and water use efficiency, and soil water measurement and sensing systems. He is associate editor for *Vadose Zone Journal*.

Yan Jin



Yan Jin is professor of environmental soil physics in the Department of Plant and Soil Sciences at University of Delaware. She received a B.S. from Hebei Agricultural University in China, M.S. from

New Mexico State University, and Ph.D. from University of California-Riverside. Dr. Jin's research focuses on experimental and theoretical investigations of colloid (including viruses and nanoparticles) and colloid-facilitated contaminant transport in soil and groundwater. She serves as an associate editor for *Vadose Zone Journal*, and has been active in SSSA, American Geophysical Union, and American Chemical Society.

Thomas C. Kaspar



Thomas C. Kaspar is a plant physiologist at USDA-ARS National Soil Tilth Laboratory in Ames, IA and a collaborator/professor with the Agronomy Department at Iowa State University. He received

B.S., M.S., and Ph.D. degrees from Iowa State University. His research program focuses mainly on crop and soil management to improve water quality and soil productivity. Dr. Kaspar is an associate editor for *Soil Science Society of America Journal* and a past-chair of Division S-6 Soil and Water Management and Conservation. He has served on numerous committees and service functions for ASA and SSSA.

Newell R. Kitchen



Newell R. Kitchen is a soil scientist with the Cropping Systems and Water Quality Research Unit of USDA-ARS at Columbia, MO. Dr. Kitchen received a B.S. degree from Brigham Young University, M.S. degree from University of Missouri, and Ph.D.

degree from Colorado State University. His program focuses on applying new technologies for collecting high-resolution soil and crop information, thereby enabling improved management decisions. He has been active in organizing a ASA-CSSA-SSSA meeting symposia, has served as an associate editor for *Agronomy Journal* (soils division), and is current board representative for Division A-8 Integrated Agricultural Systems.

David A. Laird



David A. Laird is a soil scientist with USDA-ARS National Soil Tilth Laboratory in Ames, IA, and a collaborative professor in the Department of Agronomy at Iowa State University. He received a B.S.

from the University of Kansas, M.S. from Oregon State University, and Ph.D. from Iowa State University. His program focuses on biochar, soil clay mineralogy, and environmental soil chemistry. Dr. Laird has served as associate editor for *Soil Science Society of America Journal* and *Clays and Clay Minerals* and he is active in both SSSA and the Clay Minerals Society.

R. Richard Lowrance



R. Richard Lowrance is a research ecologist and lead scientist at the Southeast Watershed Research Laboratory, USDA-ARS in Tifton, GA. Dr. Lowrance received a B.S. degree in biology from the Uni-

versity of South Alabama and his Ph.D. in ecology from the University of Georgia. His program focuses mainly on nutrient cycling and water quality in agricultural watersheds. Dr. Lowrance served as chair for Division S-10 Wetland Soils of SSSA and served as an associate editor for *Journal of Environmental Quality* and on the publications board for the Soil and Water Conservation Society.

Liwang Ma



Liwang Ma is a soil scientist with USDA-ARS, Agricultural Systems Research Unit in Fort Collins, CO. He received B.S. and M.S. degrees from China Agricultural University and Ph.D. degree

from Louisiana State University. His research interests in agricultural system modeling extend from water/chemical transport in soils, to soil carbon and nitrogen dynamics and plant growth. Dr. Ma has contributed to and improved several components of the Root Zone Water Quality Model.

Michael J. McLaughlin



Michael J. McLaughlin is chief research scientist and director of CSIRO Centre for Environmental Contaminants Research in Adelaide, Australia and professor in the School of Earth and Environmental

Sciences at the University of Adelaide. He has worked in three continents and focuses primarily on soil and environmental chemistry. Dr. McLaughlin looks at the behavior and toxicity of nutrients and contaminants in soil-plant system, the assessment and remediation of contaminated soils, and use of advanced techniques to measure and monitor nutrients and pollutants in the environment.

Francis J. Pierce



Francis J. Pierce is director of the Center for Precision Agricultural Systems and Professor in the Departments of Crop and Soil Sciences and Biological Systems Engineering at Washington State Univer-

sity. He received a B.S. degree in geology from the State University of New York at Brockport and M.S. and Ph.D. degrees from the University of Minnesota. His program focuses mainly on soil management and precision agriculture. He was elected as the 2009 ASA President-Elect and will serve as president in 2010.

Michael L. Thompson



Michael L. Thompson is a professor in the Agronomy Department at Iowa State University. He received a B.S. in agricultural sciences from the University of Illinois and Ph.D. in agronomy from The Ohio State

University. His teaching and research programs focus on environmental soil chemistry and mineralogy. He is an associate editor of the *Journal of Environmental Quality*. He has served as chair of Division S-9 Soil Mineralogy and on numerous other committees in ASA and SSSA.



Gary E. Varvel



Gary E. Varvel is a soil scientist with the USDA-ARS Agroecosystem Management Research Unit at Lincoln, NE located in the Department of Agronomy and Horticulture, University of Nebraska. He received a B.A. degree from Chadron St. College and Ph.D. from the University of Nebraska. His research focuses on the effects of long-term integrated soil and crop management systems on soil and crop responses in both dryland and irrigated environments. Dr. Varvel served as an associate editor for both *Soil Science Society of America Journal* and *Agronomy Journal*.

Paul L. Vlek



Paul L. Vlek is executive director of the Center for Development Research and professor at the University of Bonn, Germany. Trained as a tropical soil scientist in Wageningen and Colorado State University, he conducts research on the sustainable use of natural resources in the tropics in relation to development processes. Dr. Vlek is Fellow of ASA and the National Academy of Agricultural Sciences of India. He is editor-in-chief of *Nutrient Cycling in Agroecosystems* and serves on several other editorial boards.



Awards Programs of

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with the Gulf Coast Section of SEPM

October 5–9, 2008 | Houston, Texas