THE AMERICAN PHYTOPATHOLOGICAL SOCIETY

2014 Awards & Honors Ceremony

Sunday, August 10
Minneapolis, MN

APS

APS Early Career Recognition

Congratulations to the many early career professionals who received an award from APS this year, recognized here for a variety of programs.

Student Travel Awards

The APS Foundation is pleased to provide APS Annual Meeting Student Travel Awards to the following 36 individuals, selected out of a competitive pool of more than 80 applicants.

Robert W. Fulton Student Travel Award
Christina Allen
University of Wisconsin

Forest Pathology Student Travel Award
Kamyar Aram
University of California

Zahir Eyal Student Travel Award
Ananda Y. Bandara
Kansas State University

William Moller Student Travel Award
Luisa F. Castiblanco
Michigan State University

Caribbean Division Student Travel Award
Eduardo Chagas Ferreira Da Silva
Louisiana State University

Stephen A. Johnston Student Travel Award
Giovanna Danies
Cornell University

Malcolm and Catherine Quigley Student Travel Award
Johanna Del Castillo Munera
Michigan State University

Richard Gabrielson Student Travel Award
Hung Kim Doan
University of California

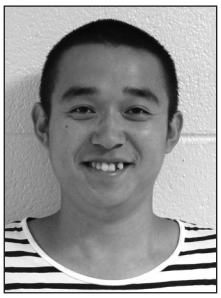
John S. Niederhauser Student Travel Award
Mohamed H. El-Shetehy
University of Kentucky

Jose and Silvia Amador Student Travel Award
Ana Fulladolsa
University of Wisconsin

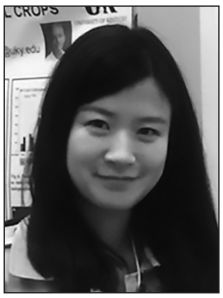
John F. Schafer Student Travel Award and The Harry E. Wheeler Student Travel Award
Abolfazl Hajihassani
University of Manitoba

Malcolm C. Shurtleff Student Travel Award
Kazi T. Islam
Southern Illinois University

Tsune Kosuge Student Travel Award
Jae Hoon Lee
University of Illinois at Urbana-Champaign



Efrat Gamliel-Atinsky Student Travel Award
Haoxi Li
University of Georgia



Myron K. Brakke Student Travel Award
Gah-hyun Lim
University of Kentucky

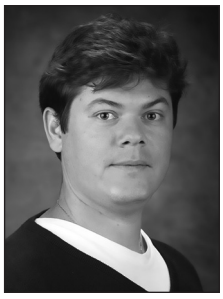
Elsie J. and Robert Aycock Student Travel Award
Emma Lookabaugh
North Carolina State University

C. Lee Campbell Student Travel Award
Kestrel L. McCorkle
North Carolina State University

Kenneth F. Baker and R. James Cook Student Travel Award
Sean W. McCotter
Washington State University

H.J. Dubin Student Travel Award in honor of the Peace Corps
Luis P. Moncayo
Texas A&M University

Albert Paulus Student Travel Award
Michelle Oliveira
University of Florida



Joseph M. Ogawa Student Travel Award and The Eugene S. Saari Student Travel Award
Rodrigo Pedrozo
Kansas State University

Don E. Mathre Student Travel Award
Juliana Pereira
University of Florida

Luis Sequeira Student Travel Award
Brittany Pierce
University of California

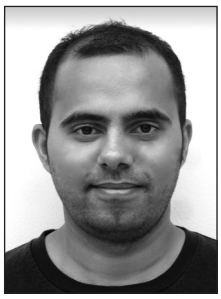
Raymond G. Grogan Student Travel Award
Gregory J. Reynolds
University of California

H. David Thurston Student Travel Award
Juliana M. Soares
University of Kentucky

Eddie Echandi Student Travel Award
Jose Pablo Soto-Arias
University of Wisconsin

Arthur Kelman Student Travel Award
Anna Thomas
North Carolina State University

J. Artie and Arra Browning Student Travel Award
Peng Tian
University of Georgia



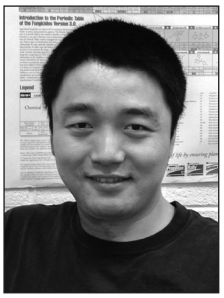
John F. Fulkerson Student Travel Award
Sujan Timilsina
University of Florida

Roger C. Pearson Student Travel Award
Tien T. Tran
Cornell University

Janell M. Stevens Johnk Student Travel Award
Phillip L. Vines
Mississippi State University

Gustaaf A. and Ineke C. M. de Zoeten Student Travel Award
Emma C. Wallace
North Carolina State University

Kenneth and Betty Barker Student Travel Award and The Dennis Hall Student Travel Award
Ellie Walsh
The Ohio State University



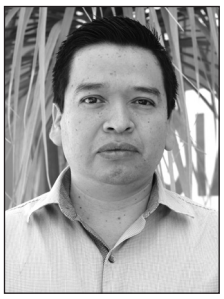
Stuart D. Lyda Student Travel Award and The Larry W. Moore Student Travel Award
Jie Wang
Michigan State University

Virology Student Travel Award
Lindsay Wells
University of Wisconsin

Donald E. Munnecke Student Travel Award
Kayla Williams
University of California, Riverside

Books for the World Award

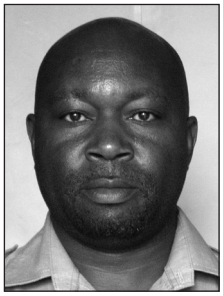
This award was established in 2013 to help scientists, educators, extension personnel and other agriculturalists in developing countries acquire educational materials from APS PRESS, and to promote international distribution of books, CDs and other APS resources.



Raul Allende-Molar
Research Center for Food and Development, Mexico

Kylie Ireland
Laos Provincial Agriculture and Forestry Organization

Maria Eugenia Ordoñez
Pontificia Universidad Católica del Ecuador



Clemence Tauya
Plant Quarantine Services Institute, Republic of Zimbabwe

Browning Plant Medicine and Health Travel Award

This graduate student travel fund, established by the generous gift from Past President J. Artie Browning and his wife, Arra, was established specifically to assist graduate students in a doctor of plant medicine or the doctor of plant health program to attend and participate in a professional meeting or conference appropriate to their interests.

Haley Oser
University of Nebraska

French-Monar Latin American Award

The French-Monar Latin American Award was established by Edward R. French and Delia Monar French. The earnings from this endowment provide financial support for plant pathologists from Latin America in a variety of ways. This year's award provided support for the awardees to attend the APS Caribbean Division Annual Meeting and the APS-CPS Joint Meeting, respectively.

Jorge Caicedo
University of Puerto Rico

Juan Boyzo Marin
CIIDIR IPN Michoacan

Frank L. Howard Undergraduate Fellowship

The Frank L. Howard Undergraduate Fellowship was established to encourage the involvement of undergraduate students in plant pathology research and to encourage students to pursue advanced degrees and careers in plant pathology.

Nicholas Machado
University of Florida

JANE International Research Award

The John and Ann Niederhauser Endowment (JANE) was created to facilitate international cooperation related to research on and management of plant diseases.

Renuka Attanayake
University of Kelaniya

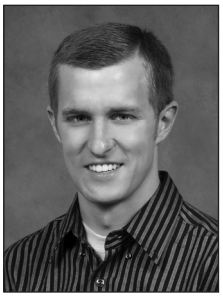
International Travel Award

The APS Foundation, in cooperation with the Office of International Programs, established the International Travel Award to support travel costs for early- to mid-career APS members native to and working in developing countries who otherwise would not be able to participate in the annual meeting.

Abdul Hannan
University of Agriculture Faisalabad

Don and Judy Mathre Education Endowment Award

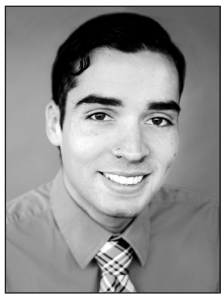
The Mathre Education Endowment Award supports broad educational programs in plant pathology. This year's award recipient was a team of graduate students from the University of Wisconsin-Madison, for their outreach committee proposal "What's eating my plants?" The team proposal will use the award to help bring plant disease issues to the general public by actively participating in Family Science Night outreach events and other special educational activities.



Kevin Cope
University of Wisconsin

Ana Fulladolsa
University of Wisconsin

Alejandra I. Huerta
University of Wisconsin



Jose Pablo Soto-Arias
University of Wisconsin

Don and Judy Mathre Student Educational Award

This new award was created to help students further their education outside the APS Annual Meeting to develop skills and/or to network with other scientists.

Jeannette Rapicavoli
University of California, Riverside

Jose Pablo Soto-Arias
University of Wisconsin

14th I. E. Melhus Graduate Student Symposium Awards

The APS Epidemiology Committee, in conjunction with financial support from the APS Foundation, is sponsoring the 14th I. E. Melhus Graduate Student Symposium. Selected graduate students will present their work in this special graduate student symposium focused this year on research related to epidemiology. Presenters for this session are selected on the basis of the originality and significance of their approach to epidemiology.

Anna O. Conrad
The Ohio State University

Ian M. Small
Cornell University

Matthew Tancos
Cornell University

Sierra Wolfenbarger
Oregon State University

Schroth Faces of the Future Symposium Awards

The Schroth Faces of the Future: Virology Symposium is designed to acknowledge the "up and comers" in virology. The awardees have the opportunity to highlight their current work and speculate on the future directions of their discipline. This symposium was made possible by a generous donation from Milt and Nancy Schroth.

Michelle Cilia
USDA ARS

Diego Quito-Avila
Prometeo, CIBE-ESPOL

Thanuja Thekke Veetil
University of Arkansas

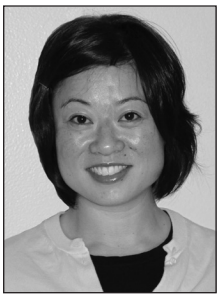
Plant Pathologists of the Future: Showcasing the Top Graduate Students from APS Division Meetings Symposium Awardees

This symposium is designed to showcase the top graduate students (M.S. or Ph.D.) in the field of plant pathology from the APS Division Meetings.

Ismael Badillo-Vargas
Kansas State University
North Central Division Awardee

Jonathan Cale
State University of New York (SUNY)
Northeastern Division Awardee

Jacob Price
Texas A&M AgriLife Research
Southern Division Awardee



Lydia Tymon
Washington State University
Pacific Division Awardee

Shuchi Wu
VPI & State University
Potomac Division Awardee

Raymond J. Tarleton Student Fellowship Award

This fellowship was established by former APS Executive Vice President Raymond J. Tarleton to support graduate students in plant pathology research and to encourage students to further their careers in plant pathology.

Ana Fulladolsa
University of Wisconsin

APS Public Policy Early Career Internship

The goal of the APS Public Policy Early Career Internship is to provide an opportunity for the selected individual to gain hands-on experience in public policy at the national level that relates generally to agricultural science and specifically to matters of interest to APS. By working with the APS Public Policy Board, the intern learns how scientific societies, nongovernmental organizations (NGOs), executive branch agencies (e.g., USDA, NSF, EPA), and the legislative branch interact in crafting public policy.

John C. Bienapfl
USDA Animal and Plant Health Inspection Service (APHIS)

LaKisha Odom
Tuskegee University

APS is pleased to honor the following individuals for their incredible service, scientific excellence, and dedication to the society.

Ruth Allen Award

This award recognizes individuals who have made an outstanding, innovative contribution to research that has changed or has the potential to change the direction of research in any field of plant pathology.

Ignazio Carbone was born in Toronto, Canada. He received his Ph.D. degree in 2000 from the University of Toronto and joined the Department of Plant Pathology at North Carolina State University in 2002, where he is now an associate professor and director of CIFR. Carbone is internationally recognized for his advances in our understanding of how evolutionary forces contribute to population structure, developing novel web-based tools for contemporary population analysis and translating this knowledge to application. His demonstration of sexual recombination within *Aspergillus flavus* has broad implications for developing improved approaches for deploying biological control agents in Africa and other parts of the world. Carbone showed that the population genetics of *A. flavus* provides critical *a priori* knowledge for developing and selecting highly effective biological control strains, and he proposed a management strategy based on the application of female-sterile (male-fertile) strains that can shift populations toward clonality and less aflatoxin.

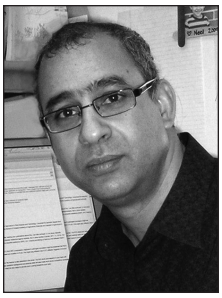
Lee M. Hutchins Award

This is an award to the author or authors of published research on basic or applied aspects of diseases of perennial fruit plants (tree fruits, tree nuts, small fruits, and grapes, including tropical fruits, but excluding vegetables).

Natália A. Peres was born in Brazil and received all her degrees from São Paulo State University. In 2004, she joined the Gulf Coast Research and Education Center, University of Florida. Her nomination is based on research published in two *Plant Disease* papers in 2012 by Peres and Steve MacKenzie, a post-doctoral fellow in her laboratory. They evaluated models for anthracnose and Botrytis fruit rots and developed the Strawberry Advisory System (SAS) to predict the need for fungicide applications. SAS, available on the AgroClimate.org website, not only makes forecasts but also sends alerts to growers by texts or e-mails and suggests fungicides for different circumstances. SAS has reduced the number of fungicide applications on strawberries in Florida by about half, greatly reducing costs and environmental concerns. Following the success of SAS in Florida, she worked with colleagues to expand it to other states, where it is also proving helpful in summer production.

Noel T. Keen Award for Research Excellence in Molecular Plant Pathology

This award recognizes APS members who have made outstanding contributions and demonstrated sustained excellence and leadership in research that significantly advances the understanding of molecular aspects of host–pathogen interactions, plant pathogens or plant-associated microbes, or molecular biology of disease development or defense mechanisms.



Pradeep Kachroo received his Ph.D. degree at the University of Baroda, India, with a portion of his dissertation research conducted at the University of Wisconsin. He was a post-doctoral fellow at the Swiss Federal Institute of Technology, Zurich, Rutgers University, and the Boyce Thompson Institute. Kachroo joined the faculty of the University of Kentucky in the Department of Plant Pathology in 2003 and is currently a full professor there. Kachroo investigates signaling mechanisms underlying plant disease resistance and, in particular, systemic acquired resistance. His notable contributions include demonstrating roles for fatty acids and lipids in plant defense, identifying glycerol-3-phosphate, nitric oxide, and reactive oxygen species as critical signals in systemic acquired resistance, and demonstrating the importance of blue light photoreceptors in plant defense. Besides being an outstanding mentor, Kachroo is on the editorial boards of several journals and has served as chair of The American Phytopathological Society's Host Resistance Committee.

Syngenta Award

This award is given by Syngenta to an APS member for an outstanding contribution to teaching, research, or extension in plant pathology.

Alison E. Robertson was born in Harare, Zimbabwe. She received her B.S. (1991) M.S. (1999), and Ph.D. (2003) degrees in plant pathology from the University of Kwazulu-Natal, South Africa, the University of Zimbabwe, and Clemson University, respectively. She started her extension/research position with the Department of Plant Pathology and Microbiology at Iowa State University in 2004. In nine years, she has emerged as a leader with extension and research programs that are of critical importance to growers and to the sustainability of corn and soybean production in the North Central Region. Robertson has displayed impressive responsiveness to current issues related to corn and soybean diseases, such as seedling disease biology and management caused by *Phytophthora sojae* and *Pythium* species and science-based information for growers regarding the economic benefits of foliar fungicide applications. Recently, Robertson initiated research to understand the ecology of *Clavibacter michiganensis* subsp. *nebraskensis*, which causes Goss's wilt of corn.

International Service Award

This award recognizes outstanding contributions to plant pathology by APS members for countries other than their own.

Valérie Verdier is a native of France and obtained her doctoral degree in plant pathology in 1988 from the University of Paris XI. She is recognized for her international research on bacterial pathogens that cause devastating diseases of cassava and rice. Verdier's has had posts with the IRD in Africa and Colombia. Her recognition as an expert on diseases caused by *Xanthomonas* was earned through her pioneering uses of diverse approaches. Her studies of *X. oryzae* pathovars and *X. axonopodis* pv. *manihotis* have contributed to understanding how these bacteria cause disease and their control. Verdier identified novel disease-causing bacterial strains in developing countries and discovered new sources of disease-resistant germplasm and a screen for resistance to specific effector genes. Her studies identified newly emerged bacterial strains that are endangering rice production in Africa. Verdier has built lasting collaborative networks between plant bacteriologists in Europe, Africa, China, and the Americas, and she trains young pathologists from developing countries. Verdier received the European Commission's prestigious Marie Curie Fellowship.

Excellence in Extension Award

This award recognizes excellence in extension plant pathology.

Mohamed F. R. Khan was born in Guyana, South America, and received his B.S. degree from the University of Guyana, his M.S. degree from the University of Bath, and his Ph.D. degree from Clemson University. From 1986 to 1995, he successfully executed the rehabilitation of the coconut industry in Guyana. Since 1999, he has served as the extension sugarbeet specialist and professor with a joint appointment at North Dakota State University and the University of Minnesota. Khan leads an exemplary extension program, where his target audience produces 60% of U.S. beet sugar with a $4 billion total economic impact. Khan developed recommendations for Cercospora leaf spot that have resulted in a 40% reduction in fungicides with no adverse effects on yield and reduced production costs by $14 million annually. His work is widely published and he is recognized locally, regionally, and internationally. He has provided extensive service to several organizations including The American Phytopathological Society.

Excellence in Industry Award

This award recognizes outstanding contributions to plant pathology by APS members whose primary employment involves work outside the university and federal realms either for profit or nonprofit.

Steven Gylling, president of Gylling Data Management (GDM), was raised on a diversified farm in Minnesota. He earned his B.S. degree in agriculture education in 1975 from South Dakota State University (SDSU), then taught vocational agriculture at West Lyon Community School in Iowa. He was a plant science research assistant at SDSU (1978–1984) and then pesticide impact assessment coordinator until 1985, when he received his Ph.D. degree in agronomy. He then began as extension computer specialist in South Dakota and launched a statewide extension computerization project. In 1989, he started work full time at GDM. In 1982, Gylling and his wife created ARM software for managing agricultural research trials. The software helps researchers create, document, analyze, and report their research data and transfer it to others. ARM was the first to support "Electronic Data Exchange" and "Standardized Agricultural Research Terminology", as defined by the National Agricultural Chemicals Association. Approximately 8,000 clients in 75 countries and 1,000 institutions use ARM in the 11 supported languages.

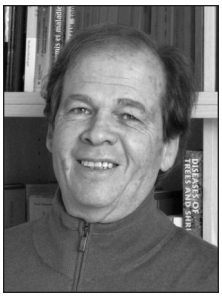
Excellence in Regulatory Affairs and Crop Security

The Excellence in Regulatory Affairs and Crop Security Award recognizes outstanding contributions to regulatory plant pathology, crop security, and trade enhancement efforts by APS members. "Crop" is defined as a non-animal species or variety grown for food, livestock fodder, ornamental, silvicultural, fuel, or any other economic purpose.

Kenneth C. Eastwell received his doctorate in plant biochemistry at the University of Alberta, Canada, followed by post-doctoral studies in molecular virology at the University of California, Davis. He conducted research for Agriculture and Agri-Food Canada in Summerland, British Columbia, identifying and managing viral diseases of fruit trees, particularly little cherry disease. He was an advisor to fruit tree foundation and quarantine programs in Canada and the United States. Eastwell joined the Department of Plant Pathology at Washington State University in 1997 to direct the program that distributes virus-tested fruit tree clones globally. The program expanded to include hop plants and grapevines to form the Clean Plant Center Northwest in 2011; Eastwell was appointed director. He advanced the concept and operation of the National Clean Plant Network for virus control formalized in the 2008 Farm Bill. Eastwell maintains an active research program investigating viruses and their management in perennial specialty crops.

Excellence in Teaching Award

This award recognizes excellence in teaching plant pathology.

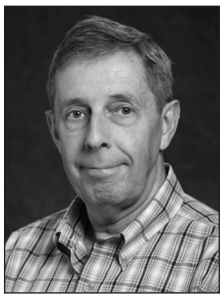


Joseph-Alexander Verreet was born in Meerbusch, Germany. He received a B.S. degree from the University of Bonn (1981) and a Ph.D. degree in agricultural sciences from the Technical University of Munich (1985), where he also acquired his habilitation in plant pathology in 1992. In the same year, he became a full professor of plant pathology at the University of Kiel, where he still serves as the head of the Department of Phytopathology. Verreet has developed and taught courses in plant pathology at Kiel, including Plant Nutrition and Phytomedicine, Host-Pathogen Interactions, and Ecological Aspects of Pest Management. He has achieved recognition for his own teaching and for his award-winning teaching videos, which use animation to bring epidemiology alive for students. He has integrated applied research with his teaching. He has supervised and mentored 85 undergraduate, 54 graduate, and 34 Ph.D. students, teaching at both undergraduate and graduate levels. His students give him high marks, especially for his special ability to illustrate the principles he teaches.

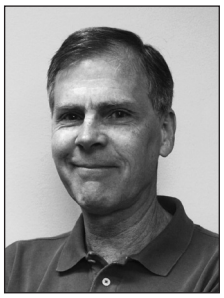
APS Fellows

The society grants this honor to a current APS member in recognition of distinguished contributions to plant pathology or to The American Phytopathological Society.

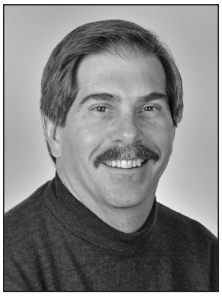
James E. Adaskaveg received his B.S. degree in agronomy in 1982 at the University of Connecticut and his M.S. and Ph.D. degrees in plant pathology in 1984 and 1986, respectively, at the University of Arizona. He was a post-doctorate researcher and then plant pathologist at the University of California, Davis. Adaskaveg joined the Department of Plant Pathology, University of California, Riverside, in 1995 and was promoted to full professor in 2004. Adaskaveg is recognized nationally and internationally for his outstanding contributions on the biology, epidemiology, and management of pre- and postharvest diseases of tree fruit and nut crops. He helped develop most of the newer postharvest fungicides and resolve quarantine problems in international trade of fruit crops. He received Appreciation Awards from California, Argentina, and Chile fruit industries and the APS Lee M. Hutchins Award. He served APS as associate editor of *Phytopathology*, Pacific Division president, councilor, Divisional Forum representative, and Financial Advisory Committee member.



Christopher A. Clark earned his B.S., M.S., and Ph.D. (1976) degrees from Cornell University. Clark's achievements have come from his ground-breaking research on the etiology, epidemiology, and management of sweetpotato diseases. Clark elucidated the biology of chlorotic leaf distortion of sweetpotato caused by epiphytic development of *Fusarium denticulatum*. Clark demonstrated that *F. oxysporum* from at least three distinct lineages causes wilt on sweetpotato and that the host ranges overlap *F. oxysporum* f. sp. *nicotianae*. Clark demonstrated that *Streptomyces ipomoeae* is able to penetrate sweetpotato roots directly. Clark's research enabled the LSU Agricultural Center program to develop multiple disease-resistant cultivars. Clark helped unravel the role of viruses in sweetpotato cultivar decline and characterize several viruses new to the United States. Based on Clark's research, "virus-tested" sweetpotato seed became available to growers in Louisiana. His research has had a positive impact on the sweetpotato industry locally, nationally, and internationally, while also making fundamental contributions to the discipline of plant pathology.



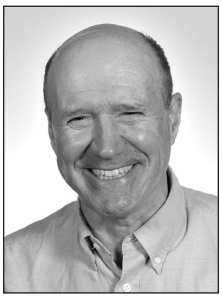
Thomas R. Gordon received his Ph.D. degree in plant pathology from the University of California (UC), Davis, where he thereafter served as a post-doctoral scholar. He joined the faculty at UC Berkeley in 1985 and moved to UC Davis in 1996, where he served as chair of the Department of Plant Pathology from 2005 to 2013. His research on plant-pathogenic fungi has provided insights into the origins of pathogenic races, the structure of fungal populations in soil, and the capacity for wilt pathogens to colonize nonsusceptible crops asymptomatically. Gordon's work also provided the first documentation that systemic induced resistance is operative in natural populations. He served as an associate editor of *Plant Disease*, an associate and senior editor for *Phytopathology*, and a senior editor for APS PRESS. He teaches a general education course that introduces more than 500 students each year to the importance of fungi as pathogens of plants.



Stewart M. Gray earned his B.S. degree in marine science at Southampton College, an M.S. degree in entomology, and Ph.D. degree in plant pathology from North Carolina State University. In 1987, Gray joined USDA-ARS and the Department of Plant Pathology at Cornell University. Gray is recognized internationally as a vector biologist, combining varied approaches to characterize relationships between viruses, aphid vectors, and plant hosts. Gray also works closely with the potato industry on epidemiology and management of viruses, recently playing a major role in addressing the threat of *Potato virus Y* to the production and international trade of seed and commercial potatoes. Gray earned the Early Career and Senior Scientist of the Year Awards from USDA-ARS and the Meritorious Service Award from the American Potato Industry, and he is a fellow of AAAS. Gray's APS service includes membership in the Virology and the Vector-Pathogen Complexes Committees and senior editor of *Plant Disease*.

Mary K. Hausbeck received B.S. and M.S. degrees in horticulture from Michigan State University (MSU) and her Ph.D. degree in plant pathology from The Pennsylvania State University. She returned to MSU in 1990 and was promoted to full professor in 2002. Hausbeck is responsible for extension and research on diseases of ornamentals, herbs, and vegetables. Her research provides disease management recommendations and contributes new knowledge on the biology and epidemiology of pathogens. Hausbeck's program is highly productive and innovative and is nationally and internationally recognized for its excellence and responsiveness to industry needs. Her high esteem among growers and colleagues is reflected by numerous awards, including the Excellence in Extension Award from APS, and the direct and measurable impacts she has had on the industry. She also has been an excellent mentor to her graduate students and has served APS and the discipline of plant pathology with great commitment and distinction.

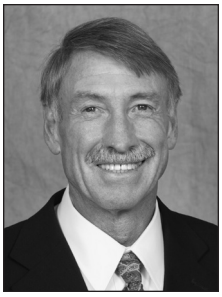
George William Hudler holds B.S. and M.S. degrees from the University of Minnesota and a Ph.D. degree from Colorado State University. He joined the Cornell faculty in 1976 and rose to the rank of professor and served as chair of plant pathology and plant-microbe biology from 2004 to 2011. All the while, his well-respected extension and research programs on tree diseases thrived and he remained a popular invited speaker at numerous professional meetings. Hudler is a nationally recognized master teacher who has enthused thousands of students and lay people who might otherwise have never heard about fungi or plant diseases. He is probably best known for his course Magical Mushrooms, Mischievous Molds, which has garnered national and international attention and has been emulated at colleges and universities nationwide. He has received numerous teaching awards and recently was selected as one of the nation's top 300 professors across 60 fields.



Roger A. C. Jones received a B.S. degree from Cambridge University (1966) and a Ph.D. degree from St. Andrews University (1971). His U.K. (1966–1973 and 1979–1985) and International Potato Center, Peru (1973–1978) research focused mainly on potato viruses. In 1986, he joined the Western Australian Department of Agriculture, becoming principal plant virologist (1992–1999); plant pathology section manager (2000–2003); and adjunct professor at Murdoch University and the University of Western Australia (UWA) (2004–2010). He is currently a UWA professor. He is recognized internationally for addressing practical aspects of virus diseases significant to global agriculture. His research includes virus diseases of diverse arable and vegetable crops, pastures, and native plants; spatial and temporal epidemic analyses; integrated virus disease management (IVDM); predictive modeling; climate change; and virus emergence. His 195 research papers and 35 reviews establishing global IVDM principles were cited more than 5,300 times. He chaired the ISPP Plant Virus Epidemiology Committee (1999–2007).

Gary W. Moorman was born in Albany, NY, and obtained his B.S. (University of Maine, 1971) and M.S. (University of Vermont, 1974) degrees in botany and Ph.D. (North Carolina State University, 1978) degree in plant pathology. Following four years as an assistant professor at the University of Massachusetts, Suburban Experiment Station, he became a faculty member at The Pennsylvania State University. In the 30 plus years at Penn State, he has written more than 200 extension publications, produced one patent, and wrote 56 peer-reviewed papers. He authored chapters and assisted editing *Diseases of Herbaceous Perennials* and *Biology, Detection, and Management of Plant Pathogens in Irrigation Water*, published by APS. Moorman has made more than 750 presentations, supervised eleven graduate theses, and taught six plant pathology courses. He has served APS as councilor-at-large, Northeastern Division president, Ornamental and Turf Diseases Committee chair, and senior editor for APS PRESS, *Plant Health Progress*, and *Plant Disease*.

Tomonori Shiraishi received a B.S. degree in 1970 from the College of Agriculture, Okayama University, Japan, and a Ph.D. degree from Nagoya University in 1980. He was hired as assistant professor of plant pathology at Okayama University in 1970 and was promoted to associate professor in 1985 and to professor in 1992. Shiraishi has contributed to our understanding of the mechanisms of specificity between plants and fungal parasites based on his research on how pea defenses are suppressed by *Mycosphaerella pinodes*. He discovered glycopeptide suppressors (supprescins A and B) in the spore germination fluids that blocked phytoalexin production and induced accessibility only in host plants. He demonstrated that supprescins bind cell wall NTPase with a higher affinity than elicitors, which accounts for induction of accessibility. He also showed that supprescins regulate many redox enzymes in cell walls that play key roles in the most external defense response and signal transmission.



James R. Steadman was born in Cleveland, OH. He received a B.A. degree in biology from Hiram College and M.S. and Ph.D. degrees in plant pathology at the University of Wisconsin-Madison under the direction of Luis Sequeira. He joined the University of Nebraska-Lincoln faculty in 1969. From 2000 to 2002, he was acting head of plant pathology and has been head since 2007. Steadman is internationally renowned for studies of dry edible beans, particularly in Latin America and Africa, and has worked extensively with white mold of dry beans and soybean and rust of dry bean for more than 40 years. Steadman has contributed to the release of more than 10 varieties and 20 breeding lines of dry beans and has authored more than 150 abstracts, 112 refereed journal articles, 11 book chapters, and more than 164 additional scientific publications. Examples of APS service: PPB, OIP, OPRD, leadership in two divisions.

Brett M. Tyler received his Ph.D. degree in medical biology from the University of Melbourne and was a post-doctoral fellow at the University of Georgia. Following appointments at the Australian National University, the University of California-Davis, and the Virginia Bioinformatics Institute, he became director of the Center for Genome Research and Biocomputing at Oregon State University and professor of botany and plant pathology in 2012. He received APS's Noel T. Keen Award in 2008. Tyler's research has made seminal contributions to our understanding of plant pathology and the molecular basis of recognition between oomycetes and their hosts. His team cloned the first avirulence gene from an oomycete and led the sequencing the first oomycete genomes, from which came the discovery of RXLR effector proteins. Tyler's leadership is widely respected for fostering a strong spirit of collaboration in the oomycete community and actively fostering the careers of junior scientists.

APS 2013–2014 Division Awardees

The following individuals were recognized throughout the past year at APS Division meetings for their contributions to the science of plant pathology, as well as to APS and in particular to their division.

North Central Division
June 2013

Distinguished Service Award
Albert Tenuta, Ontario Ministry of Agriculture, Food, and Rural Affairs

Early Career Award
Kiersten Wise, Purdue University

Student Oral Competition Awards
First Place
Ismael Badillo-Vargas, Kansas State University

Student Poster Awards
First Place
Alexandria Leach-Kieffaber, Kansas State University

Second Place
Jessica Halvorson, North Dakota State University

Third Place
Jennifer Odom, North Dakota State University

Travel Awards
Sidrat Abdullah, South Dakota State University
Meriem Aoun, North Dakota State University
Ismael Badillo-Vargas, Kansas State University
Ananda Bandara, Kansas State University
Kyle Broderick, University of Nebraska
Owusu Domfeh, North Dakota State University
Sheshanka Dugyala, North Dakota State University
Bethany Grabow, Kansas State University
Jessica Halvorson, North Dakota State University
Albert Kertho, North Dakota State University
Alexandria Leach-Kieffaber, Kansas State University
Rashelle Matthiesen, Iowa State University
Kelsey Mehl, University of Illinois
Jennifer Odom, North Dakota State University
Oscar Perez-Hernandez, University of Nebraska
Cole Thompson, Kansas State University
William Zancan, University of Nebraska

2014 Joint Meeting Session
Plant Pathologists of the Future: Showcasing the Top Graduate Students
Ismael Badillo-Vargas, Kansas State University

Northeastern Division
October 2013

2014 Joint Meeting Session
Plant Pathologists of the Future: Showcasing the Top Graduate Students
Jonathan Cale, State University of New York (SUNY)

Pacific Division
June 2013

Lifetime Achievement Award
Gary Chastagner, Washington State University

Student Oral Presentation Competition Award
First Place
Nicholas Garber, University of Arizona

Second Place
Lydia Tymon, Washington State University

Third Place
Soumyadip Kundu, New Mexico State University

Student Travel Awards
Soumyadip Kundu, New Mexico State University
Lydia Tymon, Washington State University
Diego Viteri, University of Idaho

2014 Joint Meeting Session
Plant Pathologists of the Future: Showcasing the Top Graduate Students
Lydia Tymon, Washington State University

Potomac Division
March 2014

Distinguished Service Award
Nancy Gregory, University of Delaware

Graduate Student Research Award
First Place
Shuchi Wu, VPI & State University

Second Place
Charlotte Oliver, VPI & State University

Honorable Mention
Taylor Fehmel, VPI & State University

Undergraduate Student Poster Award
Harriet Dadzie, USDA-ARS
Miranda Judd, USDA-ARS
Terence Lo, University of Vermont

Student Travel Award
Justine Beaulieu, University of Maryland
Lisa Beirn, Rutgers University

2014 Joint Meeting Session
Plant Pathologists of the Future: Showcasing the Top Graduate Students
Shuchi Wu, VPI & State University

Southern Division
February 2014

Outstanding Plant Pathologist Award
Ronald D. Gitaitis, University of Georgia

Graduate Student Research Award
First Place
Jacob Price, Texas A&M University

Second Place
Philip Vines, Mississippi State University

Third Place
Kelly Morris, University of Georgia

Honorable Mention
Mary Helen Ferguson, Louisiana State University
Juliet Fultz, University of Arkansas

Travel Awards
Mary Helen Ferguson, Louisiana State University
Eduardo Chagas Ferreira Da Silva, Louisiana State University
Kirandeep Kaur, Louisiana State University
Anna Selph, University of Georgia

2014 Joint Meeting Session
Plant Pathologists of the Future: Showcasing the Top Graduate Students
Jacob Price, Texas A&M AgriLife Research