2009 APS Awardees

The following APS members will be honored at the 2009 APS Annual Meeting in Portland, OR, for their contributions and commitment to both the field of plant pathology and to APS. Biographies for the awardees are available online at www.apsnet.org/members/awards/2009Awardees.asp.

APS Fellows
James C. Carrington, Oregon State University
Martin L. Carson, USDA ARS
Ann Chase, Chase Horticultural Research Inc.
Cesar V. Gessler, ETH Zurich
Walter D. Gubler, University of California
Cesare V. Gessler, ETH Zurich
John F. Leslie, Kansas State University
David S. Marshall, USDA ARS
Richard S. Nelson, Samuel Roberts Noble Foundation
Timothy C. Paulitz, USDA ARS
Patrick M. Phipps, VPI & SU
Herman Scholthof, Texas A&M University
Robert S. Zeigler, International Rice Research Institute

Public Policy Board Meets with Policy Makers in Washington

Jaque Fletcher, PPB Chair, jacqueline.fletcher@okstate.edu

The APS Public Policy Board (PPB) met in Washington, DC, March 15–18, for its annual meetings with agency administrators and other policymakers. Jeri Barak, Barb Christ, Bill Dolezal, Jaque Fletcher, Jan Leach, Jim MacDonald, Jim Moyer, Jim Mueller, John Sherwood, Jim Steadman, and PPB’s Early Career Intern Maritza Abril joined APS’s Washington liaison Kellye Eversole and Lori Leach of Eversole Associates, and APS staff members Michelle Bjerkness and Steve Nelson, in a series of meetings with agency and program administrators to continue to build cooperative relationships and to address issues of common interest.

In meetings with several key agency representatives (see listing toward end of this article), PPB distributed several white papers highlighting our current, highest priority public policy issues, including the need for increased funding for agricultural research, essential resources (e.g., culture collection systems) for the future, genomics of plant-associated microbes and crop plants, and the role of plant pathology in food safety issues (white papers have been posted on APSnet). Agency representation at the meetings ranged in size from one to six people. In each meeting, two to three issues selected by the PPB as the highest priorities for that agency were discussed and action items were agreed upon. Most agencies also updated the PPB on their priorities and identified areas in which APS could be helpful in their work. Key initiatives and future actions determined during the PPB DC meetings included:

1. Increasing agricultural research funding. Support for increasing agricultural research funding is a continuing activity for the board. APS supports a general doubling of funding for agriculturally relevant research, with individual increases for specific programs of relevance to the broad interests of APS members. This year, we expressed deep disappointment that while the recently enacted economic stimulus package provided almost $23 billion in additional one-time funding for various science agencies (including NSF, DOE, NIH, etc.), agricultural research at USDA was not provided an increase except for a small amount of funding for the repair of USDA buildings. The PPB believes that representation in key leadership positions within the government, such as the Office of Science and Technology Policy, where APS has initiated a fellow program, is critical for ensuring that agricultural perspectives and needs are considered in funding decisions.

2. Essential research resources: A culture collection system. Following the development by an APS ad hoc committee of a proposal for a National Plant Microbial Germplasm System that was outlined in the April 2009, Volume 43, Number 4, issue of Phytopathology News, the PPB advocated for funding for the launch of the new system. In particular, the PPB requested that funding be included in future budgets and appropriations legislation for the USDA-ARS core collection component of the system.

3. Food safety. Increased concern about contamination of plant foods by the human pathogens E. coli and Salmonella have highlighted the complex relationship between such pathogens and plants.

In this Issue

- APS Foundation ........................................ 86
- Society Spotlight ........................................ 87
- Division News ........................................... 88
- Meetings .................................................... 89
- 2009 APS Annual Meeting Preview .............. 92
- MemberSpeak ........................................... 100
- People ....................................................... 100
- Classifieds ............................................... 102
- Journal Articles ......................................... 103
- Calendar of Events ...................................... 104

Advertiser’s Index

- AC Diagnostics, Inc. ...................................... 89
- Adgen Phytodiagnistics ................................. 87
- American Peat Technology ......................... 102
- Bioreba/Eurofins ...................................... 85
- D&S Electronic Samplers ............................ 101
- Opti-Sciences, Inc. ..................................... 83
- Spectrum Technologies, Inc. ........................ 99

PPB Meets with Policy Makers continued on page 82
PPB continues to voice support for the continuation of funding programs for sequencing plant-associated genomes. Last year, the NSF announced that it would discontinue funding of the joint NSF-USDA Microbial Genomics Program in FY 2010, thereby cutting the funding in half for the second year in a row—leaving only the USDA contribution. The PPB advocated that some of the $3 billion in funding that NSF received from the economic stimulus package be provided to reinstate the NSF contribution to the joint microbial genomics program. Further, PPB advocated for increased funding for plant and plant-associated microbial genome sequencing and functional genomics, stressing the utility of genome sequence information in addressing the fundamental basis of how plant-microbe interactions influence agriculture and our environment.

PPB members shared this critical information with representatives of the U.S. Department of Agriculture (USDA), the Department of Energy (DOE), the Environmental Protection Agency (EPA), the Food and Drug Administration (FDA), the National Science Foundation (NSF), and two White House Offices—the Office of Management and Budget (OMB) and the Office of Science and Technology Policy (OSTP). Within the USDA, PPB met with officials from the Office of Budget and Program Analysis; the Office of the Under Secretary for Research, Education, & Economics; the Office of Homeland Security; the Food Safety and Inspection Service; APHIS (within Plant Protection & Quarantine [PPQ]) administrative leadership, as well as officials from Marketing & Regulatory Programs, Emergency & Domestic Programs, the Center for Plant Health Science & Technology, and Molecular Diagnostics; ARS (administrative leadership, as well as leaders from Crop Production & Protection and Food Safety programs); and CSREES (administrative leadership, as well as leaders from Competitive Programs, Integrated Programs, Plant and Animal Systems, Plant Pathology, Food Science, Food Safety, and the National Plant Disease Recovery System). Within the FDA, PPB met with the produce safety leader of the Center for Food Safety and Applied Nutrition. PPB also met with officials from EPA’s Office of Pesticide Programs Biological and Economic Analysis Division, an official from DOE’s Microbial Genomes Program, and officials from the NSF’s Division of Molecular & Cellular Biosciences and Microbial Genomics, Genes, & Genome Systems Program.

The spring meetings also provided an exciting introduction for the PPB Early Career Intern, Abril, to the world of public policy in the United States. Abril contributed to presenting APS’s points of view in several of our meetings. Reflecting on this experience, she commented: “It was an exciting week. I learned a lot about communicating with government decision makers and was impressed with the Public Policy Board’s ability to convey key priorities of APS. As an APS representative, I could see that APS is a respected and trusted information provider.”

The PPB represents our membership and our discipline, raises awareness, offers science-based information, and creates productive linkages between policy makers and APS members. Check out our monthly informational column in Phytopathology News, and our Legislative Updates in the electronic APS News Capsules. Write to any of us with your suggestions, concerns, ideas, kudos, and interests. Let us know what we are doing well and what we can do better. For a listing of board members and links to additional information on all the PPB activities visit www.apsnet.org/members/ppb.

At EPA, PPB members continued open dialogue with representatives from the Office of Pesticide Programs Biological and Economic Analysis Division.
Reserve Your Spot for the Essential Plant Pathology Teach-In at the Annual Meeting

If you teach plant pathology and are planning to attend the 2009 APS Annual Meeting in Portland, don’t miss the educators’ workshop that is being developed with you in mind. Gail Schumann and Cleo D’Arcy will be hosting this special teach-in event to share ideas about teaching introductory plant pathology. These award-winning educators and authors of Essential Plant Pathology will be joined by current adopters of their best-selling textbook to share secrets about how to creatively use the book and CD to engage today’s students. This teach-in is your chance to collaborate with educators from other departments and discover new ways to teach plant pathology with the innovative APS PRESS textbook and CD.

Please join your fellow professors on Monday, August 3, at 1:00 p.m. in Portland to find out how to use this fresh introduction to plant pathology in your classroom. If you would like to attend this teach-in or would like more information, please e-mail Ashley Armstrong (aarmstrong@scisoc.org). Space is limited for this Monday, August 3, event so please reserve early if you wish to attend.

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2009 APS Award Recipients continued from page 81

Excellence in Extension Award
Anne Dorrance, Ohio State University

Excellence in Industry Award
H. Charles Mellinger, Glades Crop Care Inc.

Excellence in Teaching Award
H. David Shew, North Carolina State University

International Service Award
Richard Sikora, University of Bonn

Lee M. Hutchins Award
James E. Adaskaveg, University of California-Riverside

Noel T. Keen Award for Research Excellence in Molecular Plant Pathology
Andrew P. Bent, University of Wisconsin-Madison

Ruth Allen Award
Donald L. Nuss, University of Maryland

Syngenta Award
Ignazio Carbone, North Carolina State University

Gail Schumann
Cleo D’Arcy

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Gail Schumann
Cleo D’Arcy
The Early Career Professionals Committee and the APS Foundation are pleased to announce the selection of four outstanding early career professionals to speak as part of the 2009 Schroth Faces of the Future Symposium. This symposium is scheduled for Tuesday, August 4, 2009, at the APS annual meeting in Portland, OR. Rodrigo Almeida, Johan Leveau, Brenda Schroeder, and Youfu Zhao were selected following a formal competition, and will be awarded $400 to help support their travel to the meeting. This symposium was made possible by a generous donation from Milt and Nancy Schroth. Milt Schroth is an internationally known expert on bacterial diseases, systematics, and biocontrol.

Almeida is an assistant professor in the Department of Environmental Science, Policy, and Management at the University of California, Berkeley. He obtained a B.S. degree in agronomy from the University of Sao Paulo in 1997, and an M.S. degree in entomology from the same institution in 1999 under the guidance of Joao Lopes. In 2002, he obtained a Ph.D. degree in environmental sciences from UC Berkeley, where he studied the biology of Xylella fastidiosa transmission with Sandy Purcell. In 2006, after a 3-year tenure as an assistant professor at the University of Hawaii at Manoa conducting research on the ecology of vector-borne bacterial and viral plant diseases, he began his current position at Berkeley. His research focuses on emerging insect-borne plant pathogens, addressing questions on what allows these organisms to be successful in causing disease, how they interact with vectors and host plants, and how they spread in space and time. An ultimate goal of this interdisciplinary research is to generate information and practices to reduce the impact of emerging diseases. Progress in research on these interconnected topics requires the coordinated efforts of an interdisciplinary team, so one of his primary goals has been to develop and maintain a creative and healthy laboratory environment for students and researchers. His current research efforts focus on two disease systems, the bacterium Xylella fastidiosa and ampeloviruses causing grapevine leafroll disease.

Leveau is currently an assistant professor in the Department of Plant Pathology at the University of California, Davis. He joined the faculty in 2008. Leveau received his B.S. and M.S. degrees in biology from the University of Wageningen, the Netherlands, and his Ph.D. degree from the Swiss Federal Institute of Technology (ETH) in Zürich, Switzerland. His Ph.D. thesis work was done in the group of Jan Roelof van der Meer and focused on the bacterial degradation of chloroaromatic compounds, with particular interest in the regulation and evolution of the genes that code for the breakdown of the herbicide 2,4-D. In 1998, Leveau joined the group of Steve Lindow at the University of California, Berkeley, as a post-doc studying the biology and ecology of plant-associated bacteria. The project involved the development and application of new interrogation techniques for bacterial experience of the phyllosphere using GFP-based bioreporter technology. It is here that his interest in individual-based ecology of bacteria started. In 2002, Leveau joined the Department of Plant-Microbe Interactions at the Netherlands Institute of Ecology, Heteren, the Netherlands, and developed a diverse research program on bacterial-fungal interactions, bacterial manipulation of the plant hormone system, and the ecology of bacterial individuality. In his current position at UC Davis, he will continue that research program, with a specific focus on the interface between microbial ecology and plant pathology. His lab will study how plant-pathogenic and nonpathogenic microorganisms interact with each other and with their plant host, and how such interactivities affect plant health and productivity in agricultural systems at different spatial, temporal, and pathological scales. Leveau is an author on 26 papers in peer-reviewed journals, in addition to several book chapters. He is the creator of the Mycomuncher DNA Puzzle, which is a hands-on educational tool for scientific discovery by students of all ages, and which is based on continuing research on the fungus-eating bacterium Collimonas fungivorans.

Zhao is an assistant professor of phytobiology in the Department of Crop Sciences at the University of Illinois at Urbana-Champaign since 2006. He received B.S. and M.S. degrees in plant protection and plant pathology from Zhejiang University in 1986 and 1989, respectively. Following graduation, he joined the Institute of Plant Quarantine, Ministry of Agriculture (now Institute of Animal and Plant Quarantine, Chinese Academy of Inspection and Quarantine) in Beijing, working on plant quarantine issues of major bacterial pathogens. He received a Ph.D. degree in plant pathology from Oklahoma State University (OSU).
under the direction of John P. Damicone and Carol Bender in 2001. His doctoral research was on “Biology, genetics, and coronatine production of bacterial pathogens of leafy green crucifers” and he received a Graduate Research Excellence Award from OSU for his research. He then joined Gregg A. Howe and George W. Sundin’s laboratories for his post-doctoral training at the Department of Energy-Plant Research Laboratory and the Department of Plant Pathology, Michigan State University, respectively. His post-doctoral work was on jasmonate signaling in tomato during interaction of Pseudomonas syringae pv. tomato DC3000 using tomato microarrays and on the fire blight pathogen Erwinia amylovora. His current research is directed toward identifying potential new virulence factors and deciphering gene regulatory networks in bacteria by using both bacterial genetics, genomics, and bioinformatics approaches. He teaches two courses, “phytobacteriology” and “molecular biology of plant-microbe interactions”; both in the spring. He has served as a member of the APS Early Career Professional Committee (2003–2006). He is currently a member of APS and IS-MPMI and a member of the APS Bacteriology Committee.

Philip C. Hamm Memorial Lectureship and Awards Ceremony Held at the University of Minnesota

The Philip C. Hamm Memorial Lectureship and Awards Ceremony were held at the University of Minnesota, St. Paul Campus, on April 7, 2009. The lectureship was established in 1980 by a grant from the Monsanto Agricultural Products Company in memory of the late Philip C. Hamm, an outstanding research scientist and employee of Monsanto. The lectureship is awarded annually to an individual who has made significant contributions to the plant sciences. This year, the memorial lectureship was awarded to William Lucas, professor and chair of plant biology at the University of California, Davis.

Carol Ishimaru, head of the Department of Plant Pathology and chair of the Selection Committee at the University of Minnesota, served as moderator of the ceremony. Allen S. Levine, dean of the College of Food Agricultural and Natural Resource Sciences, presented undergraduate awards to Ross Peterson and graduate awards to Noelle Beckman, Yiping Qi, and Yun Zhou.

Lucas presented a lecture, “Plasmodesmata and the Phloem: Partners in the Trafficking of Information Macromolecules.” Lucas’s group pioneered the study of plant viruses trafficking both locally and systemically in plants. They established that plasmodesmata regulate entry into the phloem translocation stream of special populations of non-cell-autonomous proteins (NCAPs) and RNA species. These information macromolecules were found to traffic through the phloem from mature organs to meristematic tissue where they exert control over developmental programs. Lucas’s group designed experiments using a grafting technique and viral infection system, demonstrating that flowering locus T protein trafficking is required for floral induction in Cucurbita moschata, a cucurbit species. Finally, Lucas discussed the cucumber genome project and its implications on future directed studies of plasmodesmata and information molecule trafficking.

Submit Your Plant Disease-Inspired Artwork!

Entries are due July 1 for the Art in Phytopathology Contest, open to all APS members. For entry information, visit www.apsnet.org/members/com/artinphytopathology.asp or e-mail questions to phytopathart@gmail.com.
Nearly 500 New Efficacy Trials Published in
Plant Disease Management Reports

Volume Three of Plant Disease Management Reports (PDMR), an online resource developed to give researchers and practitioners the latest information on the efficacy of plant disease controls, has been recently published on the Plant Management Network (PMN).

This new volume, located at www.plantmanagementnetwork.org/pdmr, contains 476 searchable reports on the effectiveness of fungicides, nematicides, and biological controls of agricultural and horticultural crops. More than 5,000 other efficacy reports from previous PDMR volumes and from PDMR’s preceding publications, Fungicide & Nematicide Tests and Biological and Cultural Tests for the Control of Plant Disease, can be found on PDMR as well.

Users can search the reports by keyword or section. Keyword searches can include product names, active ingredients, host crops, and authors. Sections include cereals and forage crops; citrus, tropical, and vegetable crops; field crops; ornamentals and trees; pome fruits; seed crops; small fruits; stone fruits and nuts; and turfgrass.

Each one- to two-page report consists of a summary outlining trial conditions and results. Test plot trial data, also in the report, include treatment rates, application timings, and pertinent efficacy data for each product tested.

APS members can have continuous access to all volumes of PDMR, FeN Tests, and BeC Tests online for just $38 yearly. This subscription also includes other PMN resources, such as Arthropod Management Tests, a publication covering the efficacy of insecticides; four peer-reviewed journals, including Plant Health Progress; webcasts; targeted extension searches; image collections; proceedings; and more. To subscribe or learn more, visit www.plantmanagementnetwork.org/subscriptions.

PDMR is distributed online through PMN (www.plantmanagementnetwork.org), a nonprofit publisher of applied plant science resources. PMN is jointly managed by APS, the Crop Science Society of America, and the American Society of Agronomy. PMN’s nonprofit publishing mission is to enhance the health, management, and production of agricultural and horticultural crops.
Global Sellers of Plant Pathogen Testing Technology

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Phytodiagnosics aim is to provide assistance to crop growers with testing kits for the early detection of plant pathogens

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Eric Honeycutt
Bartlett Tree Research Laboratory, Charlotte, NC

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Society Spotlight
The Iranian Phytopathological Society

The Iranian Phytopathological Society (IPS) was established in 1962 for the study, advancement, and dissemination of knowledge of plant pathology and to enhance the intercommunication among plant pathologists in Iran. The late Ali Manouchehri was instrumental in founding IPS, and is remembered fondly as someone who encouraged many Iranian students to become plant pathologists. IPS has about 1,200 members and Ali Ahoonmanesh, Isfahan University of Technology, serves as its current president. Since 1963, IPS has published the Iranian Journal of Plant Pathology (IJPP), which includes papers on all aspects of plant pathology. Keramatollah Izadpanah, Shiraz University, is the editor-in-chief of IJPP. The table of contents of all issues of IJPP published between 1985 and 2006, as well as PDFs of full articles since 2006, are available free of charge through www.ips.ir. Most of the articles are in Farsi with an English summary (references, tables, and figures are in English).

Early Career Members: When You Grow, We Grow

We can all do our part to promote our society and the valuable work we do. However, being a vital part of APS does not only mean serving on a board or committee. Any time invested into fostering the growth of APS helps all of its members to grow. By submitting an article for Phytopathology News, taking time to nominate a colleague for an award or a position of leadership, volunteering at the annual meeting, or attending the upcoming Schroth Faces of the Future Symposium (highlighting research from the best and brightest early career professionals in plant pathology), not only are you offering your time, support, and skills to APS, but you are broadening your network of contacts and ensuring that the voice of early career professionals is heard.

Being actively involved in APS is mutually beneficial to you and the organization by providing an excellent opportunity for professional growth. In fact, according to a 2007 study published in Decision to Volunteer, “90% of the most senior professionals report that volunteering has had a positive effect on their career.” These are professionals who have been where you are! Being an active member will expand your professional network, allowing you to grow your contacts as you work and socialize with others in the plant health field. Moreover, for early career professionals, this is an excellent opportunity to boost that CV!

As APS member and Early Career Professionals Committee chair, Lyndon Porter explains, “The success of The American Phytopathological Society is only as good as the time and effort of the volunteers that make it function. Great participation and sacrifice on the part of its members in the form of volunteer service determines the height it can reach and the needs it can provide to the membership as a whole.”

Sign up for the Early Career Professionals Social on Monday, August 3, when you register for the APS annual meeting in Portland, OR, or stop by the Early Career Professionals Committee meeting on Saturday, August 1, from 5:30–7:00 p.m. to learn more about the various routes of engagement in APS.
Eighty-Sixth Meeting of the APS Southern Division

The eighty-sixth meeting of the APS Southern Division was held February 1–2, 2009, at the Westin Peachtree Plaza in Atlanta, GA, in conjunction with the annual meeting of the Southern Association of Agricultural Scientists. The meeting was hosted by the Department of Plant Pathology, University of Georgia, with President-Elect Bob Kemerait coordinating the local arrangements. President Kenny Seebold welcomed the group of 78 attendees (33 of whom were students) who contributed a total of 41 presentations.

The meeting kicked off on Super Bowl Sunday with a symposium entitled “Not to Be Ignored: New and Emerging Rust Diseases Threatening Crop Production” presided over by Kemerait. Excellent and timely presentations were made by the invited speakers who included Cathie Aime and Ray Schneider, Louisiana State University Agricultural Center (LSU-AC); James Buck, University of Georgia; the team of William Dolezal and Khusi Tiwari, Pioneer Hi-Bred International, Inc.; J. K. Pataky, University of Illinois; Kemerait, University of Georgia; and David Marshall, USDA-ARS.

The symposium was followed by a graduate student paper competition presided over by Past President Chris Clark. Clark was joined on the judging panel by Albert Culbreath and Jason Woodward. A record 18 students took part in this year’s competition with participants representing Auburn University, the Louisiana State University Agricultural Center, North Carolina State University, the University of Arkansas, the University of Florida, and the University of Georgia. Bhabesh Dutta (University of Georgia, advisor Ron Wallcott) won first place for his presentation “Epidemiological relevance of seed detection assay to seedling transmission threshold for bacterial fruit blotch in watermelon.” Nicholas Sekora (Auburn University; advisor, Kathy Lawrence) placed second for his presentation “FAME analysis as an alternative means for distinguishing Meloidogyne species and races.” Nicole Ward (LSU-AC, advisor Schneider) came in third for her presentation “Uredinia of Asian soybean rust as a unique niche for other fungi.”

Jim Moyer, APS president, addressed the group during its annual business meeting, providing the annual report on the state and activities of APS. Secretary-Treasurer Tom Isakct gave his final membership and financial reports for the division prior to stepping down after nearly 5 years of dedicated service to the division.

John Hartman, professor emeritus with the Department of Plant Pathology at the University of Kentucky, was presented the Outstanding Plant Pathologist Award by Vice President Boyd Padgett, LSU-AC, in recognition of his nationally recognized extension efforts on diseases of fruits, ornamentals, shade and forest trees, and other crops. Padgett also presented a travel award to Ashok Chanda (LSU-AC).

Following the reading of this year’s resolutions, the program came to a close with the passing of the gavel from outgoing President Seebold to President-Elect Kemerait, who adjourned the meeting until next year when the division will meet in Orlando, FL.

This year’s festivities concluded with a dinner social, supported by BASF Corporation, Bayer CropScience, Dow AgroSciences, and Syngenta Crop Protection, which was followed by the Southern Division Debary Bowl emceed by Tim Brenneman. The “Know Nothings,” led by Clark, Hartman, and teammates, held off challenges by both “Fungus X” and “Fungicide X” to claim this year’s honor.

The officers for the Southern Division in 2009 are Kemerait, president; Padgett, president-elect; David Langston, University of Georgia, vice president; Seebold, University of Kentucky, immediate past president; John Rupe, University of Arkansas, Southern Division councilor; and Don Ferrin, LSU-AC, secretary treasurer.

To see the complete program, visit the Southern Division at www.cals.ncsu.edu/plantpath/activities/societies/aps/SouthernAPS.html.

North Central Division: Meeting the Challenges of Global Food and Energy Production

We are thrilled to invite you to the 2009 North Central APS Division Meeting, to be held June 21–23, in Ames, IA. Please take this time to meet new friends, say “hi” to old friends, and take in all that Iowa State University and Ames have to offer!

The theme of the 2009 meeting is “Meeting the Challenges of Global Food and Energy Production.” This conference will bring together numerous experts on a variety of issues that are vital to producer success. We hope you will gain bushels of knowledge!

In addition to the graduate student oral presentations and general poster sessions, four key symposia are planned:

- Global Climate Change and Plant Diseases
- Implications of Plant Diseases in Biofuels Production
- Nematode Pests of the North Central Region
- Crop Biosecurity Risks That Threaten Agriculture in the North Central Region

Pre- and Post-Conference Workshops and Tours

Four workshops will be held in conjunction with the North Central Division meeting. Workshops are open to APS members and to nonmembers.

- Corn Nematode Workshop
- Disease Assessment Workshop
- Seed Health Testing Workshop
- Cucurbit Diseases Workshop

Two tours are open to conference attendees and their guests:

- June 21—Walking Tour of Plant Diseases on Iowa State Campus
- June 22—Spouse/family tour of Living History Farms and the Boone Scenic and Valley Railroad
Events for the 2009 meeting will take place at Reiman Gardens and the Gateway Hotel, which are connected by University Drive. The Gateway Hotel is central Iowa's premier hotel, with luxurious rooms, unique amenities, and well-appointed conference rooms. Please see the North Central Meeting website (www.apsnet.org/members/div/northcentral/2009meeting.htm) for a program schedule and complete listing of events and locations.

The main body of the meeting (June 22–23) will be held at Reiman Gardens. Reiman Gardens is situated on a 14-acre site on University Drive, north of US Hwy 30, and south of Jack Trice Football Stadium. The year-round facility features extensive gardens throughout the indoor and outdoor areas, an indoor conservatory, 2,500 square-foot indoor butterfly wing, butterfly and emergence cases, and a gift shop. During the North Central Division Meeting, all attendees will have access to the above features at no charge. The butterfly wing and gift shop close at 4:30 p.m. daily. Free parking for all conference guests is available directly in front of the main entrance (in the stadium parking lot north of Reiman Gardens).

Meetings

Xanthomonas Genomics Conference

The Xanthomonas Genomics Conference 2009, July 13–15, 2009, Pingree Park, CO, will convene an international group of scientists who are engaged in research to 1) better understand how this important group of bacteria has adapted to exploit an extraordinary diversity of plant hosts and host tissues, and to develop needed improvements in disease control and prevention; and 2) understand and better harness the capacity of members of this genus to produce useful compounds. Abstract submission and registration information and deadlines can be found at www.plantpath.iastate.edu/xgc2009.

OSU Botany and Plant Pathology Alumni Picnic

The Department of Botany and Plant Pathology at Oregon State University (OSU) is hosting an alumni picnic in Corvallis on the evening of August 5, 2009—the final day of the APS annual meeting in Portland. All alumni are also invited to attend the 100th Anniversary Celebration of Botany and Plant Pathology at OSU, which will be held October 8, 2009. Information on both events will be available at www.science.oregonstate.edu/bpp or by contacting Chris Mundt, Department of Botany and Plant Pathology, 2082 Cordley Hall, OSU, Corvallis, OR 97331-2902 U.S.A.; phone: +1.541.737.5256; fax: +1.541.737.3573; e-mail: mundtcc@science.oregonstate.edu.

First Meeting of the APS “War Board” at Purdue University, March 1918

Special thanks to APS Past President Ralph Green, president in 1974, from the Department of Botany and Plant Pathology at Purdue University, for his donation of this one-of-a-kind framed photo of the first meeting of the APS “War Board.” The photo is now on display at APS Headquarters. APS welcomes donations such as this and will maintain them as an archival record of special events.

Set Up a Research Alert and Receive a FREE Flash Drive!

Did you know you can easily customize the online content from Plant Disease, Phytopathology, and MPMI to match your interests? Learn more during the 2009 APS Annual Meeting where APS staff will be on hand to help you create or update your profile in APS Journals Online. Set up a saved research alert in your profile at the 2009 APS Annual Meeting in Portland and you will receive a FREE APS 2GB Flash Drive! Be sure to visit the journals area in the APS PRESS bookstore.

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Liven Up the Classroom with APS PRESS Image and Video Collections

Many educators are using images and videos from APS PRESS in their classrooms to illustrate disease symptoms. Are you? APS PRESS has a variety of multimedia products designed for educators. In particular, Virus Diseases of Plants and 50 Video Clips of Fungal Diseases of Cereals are two new products that can add high-quality video and disease images to any PowerPoint presentation.

The new image collection database and teaching resource, Virus Diseases of Plants, edited by O. W. Barnett and John L. Sherwood, is a two-CD compilation. The first CD, Virus Diseases of Plants: Image Database Collection, contains 1,218 images of symptoms, vectors, viruses, viroids, and diseases that might be confused with viruses, across a broad range of more than 120 host plants. The second CD, Virus Diseases of Plants: Grapevine, Potato, and Wheat Image Collection and Teaching Resource, contains an image collection of virus diseases of grapevine, potato, and wheat, plus teaching resources on these crops, including extensive written texts and audiovisual presentations designed for classroom showings or individual study. These CDs are available individually or as a set.

The latest edition to The Biology of Fungal Pathogens Video Series is a DVD collection of 50 video clips that will take your classroom presentations to a new level. The ingenious animations provided by 50 Video Clips on Fungal Diseases of Cereals will replace the humdrum and lifeless life-cycle diagrams that are the teaching tools of the past. This totally convenient format allows you to import bits of brilliant animation into PowerPoint presentations, reinforcing your teaching with vibrant illustrations of fungal biology, even if your host is not a cereal grain crop. “The interactions between fungi and plants come alive via the artistry of these clips,” according to Margery Daughtrey, editor-in-chief, APS PRESS.

APS PRESS has many more image and video collections available in the online bookstore (www.shopapspress.org). When browsing the online bookstore, be sure to watch the sample video collections. Members receive 10% off all APS PRESS titles. Shop online at www.shopapspress.org or call toll-free 1.800.328.7560 (United States or Canada), or +1.651.454.7250 (elsewhere). ■

Does Your Institution Subscribe to APS Journals Online?

More than 300 institutions do. Recent subscribers include Directorate of Biological Control of India, Universidad Autonoma Agraria Antonio Narro, Brock University, and Agricultural Production Center of Italy. Recommending APS Journals Online to your library is easy; just fill out the quick online recommendation form at www.apsnet.org/journals/library_recommend.aspx. ■

Save the Date: National Soybean Rust Symposium

The preliminary program for the 2009 National Soybean Rust Symposium, December 9–11, 2009, in New Orleans, LA, is now available online at www.apsnet.org/online/sbr. The symposium will bring together leaders in the soybean community to hear results, determine progress, and share perspectives on soybean rust. Be sure to check back in the coming months for speaker names and affiliations, as well as information on registration and housing. You can also sign up online for periodic updates. ■

West Virginia University Joins PMN’s Partnership Program

Through a combination of funding from the West Virginia University (WVU) library system and WVU Extension’s Agriculture and Natural Resources Program Unit, WVU has become the latest land-grant university to partner with the Plant Management Network (PMN).

Together with 66 other partners, including 33 other land-grant universities, WVU supports PMN and its mission: to enhance the health, management, and production of agricultural and horticultural crops. PMN achieves this mission through the development of PMN’s peer-reviewed resources, page-charge-free publication for authors, free access to users in AGORA-listed developing nations, and low-cost personal subscriptions for individuals.

Land-grant partners like WVU become part of PMN’s online network of information and resources, including PMN’s Partner Extension Search, in which thousands of extension-based web pages are indexed. Growers, consultants, and other practitioners visit this searchable resource to quickly find extension information that is relevant to their work. University partners also receive prominent recognition throughout the PMN website via logo, profile, and links to relevant university sites. In addition, all faculty, students, and staff at the university receive full access to PMN’s resources at computers on the university network and via username and password for offsite work.

Other benefits also apply. To learn more about PMN’s partners program or to become a partner, visit www.plantmanagementnetwork.org/partners. ■
PlantingScience—www.PlantingScience.org

Bill Dahl, the PlantingScience Team, wdahl@botany.org

Would you volunteer a few hours a year if you knew you were part of a team of scientist mentors making a difference in U.S. science education and our future as a nation? Of course you would!

We’re up to something you might be interested in! The America Phytopathological Society became a PlantingScience partner in early 2009. We see the program as a collaboration of like-minded groups seeking ways to make a significant difference in enhancing science education. We also see it as an efficient and effective way to introduce plant pathology to thousands of middle and high school students. As a member of APS, PlantingScience offers you a meaningful volunteer opportunity in an area we know you have a passion for.

PlantingScience—The Bird’s Eye View
At its core, PlantingScience uses three concepts recognized by the National Research Council to facilitate learning: 1) hands-on inquiry, 2) peer-to-peer dialogue and team learning, and 3) mentorship support from content experts.

We are committed to infusing authentic inquiry and science experts into a research experience for middle school and high school students (and their teachers). We use plants as inexpensive and accessible model research organisms to explore a range of biological concepts. We support the classroom and online experiences with a comprehensive approach to project implementation services, materials design, professional development for teachers, and educational research activities.

The Botanical Society of America, the American Society of Plant Biologists, and several K-12 educators from the National Research Council, Teacher Advisory Board started as partners in this endeavor in an effort to bridge scientific research and education. It was understood that to reach full potential the program would need collaboration and partnership among a number of scientific societies. PlantingScience is designed to integrate the partners’ expertise and capitalize on the contributions plant scientists and teachers can make toward improving scientific literacy.

Our Experience So Far
In 2005, we began testing the potential of an online science learning community. PlantingScience has quietly doubled the number of students participating in the program each year. To date, society members have volunteered thousands of hours. We have had the privilege of operating in 76 schools and 31 states, working with 90-plus teachers, and supporting more than 4,500 student-led research projects. More than 770,000 people have visited the PlantingScience website. We strive to grow participation at a manageable rate while we learn the intricacies of the online environment. We are on track to meet our goal to work with more than 10,000 students online by the end of 2010. We are beginning to accumulate results to identify student learning gains and teacher change.

Many of the classes wouldn’t have considered running an experiment beyond a single class period before joining the program. PlantingScience has allowed them to experience hands-on research for 2 to 6 weeks with scientist mentors as part of their team.

The Numbers and the Potential
Ten scientific societies, with a combined membership of more than 250,000 scientists, are now involved in the program, including the Botanical Society of America, American Society of Plant Biologists, American Society of Agronomy, American Society of Plant Taxonomists, American Fern Society, American Bryological and Lichenological Society, Society for Economic Botany, American Institute for Biological Sciences, Ecological Society of America, and The American Phytopathological Society. As the project evolves, we expect more societies to join as partners once they see and experience how easy it is to become involved and what a difference it makes to students and their teachers.

If, across the 250,000 members, we are able to build a 2% involvement level as online mentors, we will have the capacity to reach roughly 100,000 students per year.

Marketing the program in conjunction with the actual need to develop science literacy in the United States (a compelling call for support), we could easily recruit 5% of members from across each of our societies—that’s reaching/mentoring 250,000 students per year.

The Botanical Society of America and the American Society of Plant Biologists currently sponsor graduate students to join in the Master Plant Science Team, a cohort of graduate students (and in some cases post-doctoral researchers) who commit to mentoring for a full academic year and receive society membership for that year. Participation in this mentor cohort supports leadership development in young professionals, as well as engagement in the societies.

Keeping It Simple
A key to what we are putting together is how simple it is for scientists and teachers to be involved in the PlantingScience program. For scientists, all we ask is volunteering a few hours of time for 2–6 weeks, twice a year—yes, only a few hours in total per year. The PlantingScience team and systems handle all communications and notifications to keep scientists up to speed with the teams they mentor.

Development Support
The Monsanto Fund stepped up as our first corporate partner, providing support for topic development. At present, two PlantingScience topics are online (Wonder of Seeds and the Power of Sunlight) and four are in development (Genetics, Pollination, Economic Botany, and C-fern Ecology). We hope to have topics available encompassing major themes in plant biology by 2012. The National Science Foundation also supports the teacher development, educational research, and evaluation components through the Discovery Research Program (DRK12 0733280).

How You Can Help
We hope our vision and record of achievement will encourage you to consider becoming a PlantingScience mentor. Please register as a mentor for the 2009 fall session. Go to www.PlantingScience.org/be_a_mentor.html or stop by the PlantingScience booth during the APS annual meeting in Portland.

In closing, I ask that you consider PlantingScience as an evolving communication tool to provide students and their teachers with an authentic means to experience how science works and how knowledge is built in scientific communities. PlantingScience is about plants, and more—it’s all about science, and sharing the scientific experience among scientists and young people around the country.

Now, imagine how it might evolve and send us your thoughts! If you have ideas on how we might improve, please take a few minutes and send us a note. We’re always happy to see your ideas and share more about PlantingScience. Working together, we will make a difference!
The Science

The 2009 APS Annual Meeting offers an incredible opportunity to view technical posters, listen to presentations, and connect with speakers and scientists from around the world.

Thirty-two special sessions. Learn how plant pathologists are expanding the boundaries of what our science can be at 32 special sessions on today’s most relevant topics.

Two workshops. Make the most of your time in Portland by attending a workshop on Saturday, August 1. This year’s workshops include “Preparing for a Job Interview in the Private, Academic, and Government Sectors of Plant Pathology” and “A Statistical Workshop on Linear Regression.”

Three field trips. Attending a premeeting field trip is a great way to get to know other attendees in a smaller environment, experience local Oregon culture, and pursue all of the opportunities for professional and personal growth available at the meeting.

One plenary session. Decision makers from academia, government, and industry will be discussing our changing world. They will address the factors that now influence the way we as individuals, as well as institutions, practice plant pathology and provide insights that will not only help us plan for the future but succeed in these stressful times.

Two hundred forty oral technical presentations. Uncover the latest technical information and ground-breaking research.

More than 650 posters. Connect with poster authors from around the world presenting their latest research.

The Networking

Networking with researchers and stakeholders in the industry is one of the most important things you can do to stay on the right career path. APS makes it easy at the annual meeting with specialized socials and activities designed to help you mix and mingle with all the right people.

Welcome Reception with Exhibits, Posters, and University Alumni Socials. Kick off the 2009 APS Annual Meeting by attending the Welcome Reception and University Alumni Socials. Network, visit the exhibits, and bid on APS-OIP Silent Auction items while enjoying light snacks and drinks. Make sure to look for your fellow alumni at designated areas within the reception.

Joint Committee of Women in Plant Pathology and Cultural Diversity. Celebrate cultural diversity in plant pathology! Are you interested in issues related to women and cultural diversity in plant pathology? Join your peers at this informal social. This event is open to all meeting attendees, especially those who have a passion for fostering relationships with diverse audiences.

Industry & Extension Social. Create lasting business connections while exploring seven acres of nature and wildlife at Crystal Springs Rhododendron Garden. A dinner buffet is included, along with admission to the gardens, transportation, and beverages.

Early Career Professionals Social. Connections are critical for the growth of your career. This social provides the unique opportunity for you to meet other plant pathologists at a career stage similar to yours.

Graduate Student Social. Graduate students, make plans to meet with your plant pathology colleagues in an informal and relaxed environment. Hors d’oeuvres and beverages will be served.

Final Night Celebration. The Final Night Celebration is the place where attendees, speakers, and exhibitors from around the world come to let loose and have fun. It is traditionally a favorite event for meeting attendees of all ages and at all stages of their careers.

The Location

Portland is unquestionably one of the country’s most unique and innovative meeting venues. The city of Portland and the Oregon Convention Center, known as the nation’s “greenest” convention center, offer exciting opportunities for plant lovers of all kinds, including miles of trails, walking paths, urban wildlife, wetland preserves, and world-renowned botanical gardens.

Stay at an APS-designated hotel. Staying at an APS-designated hotel in Portland is one of the best ways to make sure that you are in the center of the action at the APS annual meeting. All APS-designated hotels are within walking distance of the convention center and offer easy access to free public transportation and local restaurants, shopping, and nightlife.

For a complete list of scheduled events, session descriptions, and registration, visit us online at http://meeting.apsnet.org.

Register today! Registration is open for the 2009 annual meeting. View the registration brochure, download the registration form, or register online at http://meeting.apsnet.org.

Registration deadline. Regular registration closes on July 9, but you may register late/onsite up until your attendance at the meeting.

Housing and airfare. APS has negotiated rates at three hotels within walking distance of the convention center and has arranged for a 5–7% discount on your airfare to Portland via Northwest/Delta, so be sure to check out all the options at http://meeting.apsnet.org after you register.
Preliminary Schedule (subject to change)

**Friday, July 31**
- 8:00 – 9:00 a.m. APS FAC Meeting
- 8:00 a.m. departs **Field Trip**: Tree Fruit Diseases (trip returns Saturday, August 1, 4:00 p.m.)
- 9:00 – 10:00 a.m. APS Executive Committee Meeting
- 9:00 – 10:00 a.m. APS Councilors Forum Meeting
- 10:00 a.m. – 5:00 p.m. APS Council Meeting

**Saturday, August 1**
- 8:00 a.m. – 12:00 p.m. APS Leadership Forum, *by invitation*
- 8:00 a.m. – 5:00 p.m. **Field Trip**: Forest Pathology
- 8:00 a.m. – 5:00 p.m. **Field Trip**: Ornamental Plant Disease
- 12:00 – 3:30 p.m. APS PRESS Board Meeting
- 1:00 – 3:00 p.m. **Workshop**: Preparing for a Job Interview in the Private, Academic, and Government Sectors of Plant Pathology
- 1:00 – 4:00 p.m. APS Placement
- 1:00 – 5:00 p.m. Office of International Programs (OIP) Board Meeting
- 1:00 – 5:00 p.m. **Workshop**: A Statistical Workshop on Linear Regression
- 1:30 – 3:00 p.m. APS Advisory Committee on Threatening Plant Diseases Meeting
- 2:00 – 6:00 p.m. Registration
- 3:00 – 4:00 p.m. Committee Chair/Vice Chair Orientation
- 3:00 – 4:00 p.m. Scientific Program Board (SPB)/Section Chairs Meeting
- 3:30 – 6:00 p.m. Publications Board Meeting
- 4:00 – 5:00 p.m. Program Planning Orientation
- 4:00 – 5:30 p.m. **Planted Disease Management Reports (PMDR) Editors’ Meeting**
- 4:00 – 6:00 p.m. Microbial Forensics Interest Group
- 4:30 – 5:30 p.m. First Timers’ Orientation
- 5:30 – 7:00 p.m. Committee Meetings
  - Awards & Honors Committee, *by invitation*
  - Early Career Professionals Committee
  - Epidemiology Committee
  - Extension Committee
  - Graduate Student Committee
  - Industry Committee
  - Mycology Committee
  - Mycotoxocology Committee
  - Nematology Committee
  - Seed Pathology Committee
  - Soil Microbiology and Root Diseases Committee
  - Turfgrass Pathology Committee
  - Virology Committee
  - Committee Meetings
  - Bacteriology Committee
  - Biological Control Committee
  - Chemical Control Committee
  - Crop Loss Assessment & Risk Evaluation Committee (CARE)
  - Forest Pathology Committee
  - Genetics Committee
  - Host Resistance Committee
  - Molecular and Cellular Phytopathology Committee
  - *PMDR* Board
  - Plant Pathogen and Disease Detection Committee
  - Teaching Committee

**Sunday, August 2**
- 7:00 – 8:30 a.m. APS Auxiliary Meetings Board Meeting
- 7:00 – 9:00 a.m. APSnet Education Center Editorial Board Meeting
- 7:00 – 9:00 a.m. Vegetable Extension & Research Plant Pathologists Breakfast, *by invitation*
- 7:00 a.m. – 6:30 p.m. Registration
- 7:30 – 8:30 a.m. APS Phytopathology Senior Editors’ Meeting
- 7:30 – 8:30 a.m. APS Plant Disease Senior Editors’ Meeting
- 8:00 – 8:30 a.m. Moderator Orientation
- 8:00 a.m. – 3:00 p.m. Exhibitor Set-up
- 8:30 – 9:00 a.m. APS *Phytopathology* Editorial Board
- 8:30 – 9:00 a.m. APS *Plant Disease* Editorial Board
- 9:00 – 11:45 a.m. APS Placement
- 9:00 a.m. – 12:00 p.m. Ornamental Virus Discussion Group
- 9:00 a.m. – 4:00 p.m. APS Placement
- 10:00 a.m. – 2:00 p.m. APS Placement
- 10:00 a.m. – 2:00 p.m. APS Placement
- 11:45 a.m. – 1:00 p.m. APS Placement
- 11:45 a.m. – 1:00 p.m. APS Placement
- 12:00 – 1:30 p.m. **Journals Senior Editors Luncheon**, *by invitation*
- 12:00 – 2:00 p.m. Division Officers Luncheon, *by invitation*
- 12:00 – 6:00 p.m. APS-OIP Silent Auction
- 12:30 – 4:00 p.m. Office of Electronic Communication (OEC) Board Meeting
- 1:00 – 3:30 p.m. **Special Sessions**
  - Coordinated Regulation of Fungal Development and Secondary Metabolism during Pathogenesis
  - Forensic Plant Pathology: Science in the Courtroom
  - Methyl Bromide Alternatives Research: Plant Pathology Outcomes
  - “New” Nuances in Virus-Vector Biology
  - Prepare for Your Future: Career Opportunities After Graduate School—Option 1—Industry
  - Quorum Sensing and Biofilm Formation in Plant-Associated Bacteria

**Oral Technical Sessions**
- Plant Health Progress Editorial Board Meeting, *by invitation*
- APS PRESS Bookstore
- **Welcome Reception**—with Exhibition, Posters, and University Alumni Socials
- APS PRESS Book Signing Event for *Diseases of Herbaceous Perennials*
### Monday, August 3

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>6:30 – 8:00 a.m.</td>
<td>Extension Plant Pathologists Breakfast</td>
</tr>
<tr>
<td>7:00 – 10:00 a.m.</td>
<td>Public Policy Board Meeting w/Breakfast</td>
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<tr>
<td>7:00 a.m. – 5:30 p.m.</td>
<td>Poster Viewing</td>
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<tr>
<td>7:30 a.m. – 5:30 p.m.</td>
<td>USDA/CSREES Plant Biosecurity Program</td>
</tr>
<tr>
<td>8:00 a.m. – 12:00 p.m.</td>
<td>APS/ISF Collaboration to Implement Characterization of Phytopathogens and Gene Expression Technologies for an Old Genus</td>
</tr>
<tr>
<td>8:00 a.m. – 12:00 p.m.</td>
<td>Phytophthoras in Forests: New Paradigms for an Old Genus</td>
</tr>
<tr>
<td>10:00 – 11:30 a.m.</td>
<td>APS News Conference</td>
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<tr>
<td>11:00 a.m. – 12:00 p.m.</td>
<td>APS Business Meeting and Governance Forum</td>
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<tr>
<td>11:30 a.m. – 1:00 p.m.</td>
<td>Graduate Student &amp; Industry Lunch</td>
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<tr>
<td>12:00 – 1:30 p.m.</td>
<td>Past Presidents Luncheon, <em>by invitation</em></td>
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<tr>
<td>1:00 – 3:00 p.m.</td>
<td>Affiliates Meeting</td>
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<tr>
<td>1:00 – 3:00 p.m.</td>
<td>Turfgrass Pathology Working Group</td>
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<tr>
<td>1:00 – 3:30 p.m.</td>
<td><em>Essential Plant Pathology Teach-In</em></td>
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<tr>
<td>1:00 – 3:30 p.m.</td>
<td><strong>Oral Technical Sessions</strong></td>
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<tr>
<td>8:00 a.m. – 5:30 p.m.</td>
<td>Application of Advanced Sequencing and Gene Expression Technologies for Characterization of Phytopathogens</td>
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<tr>
<td>8:00 a.m. – 5:30 p.m.</td>
<td>APS-ISF Collaboration to Implement a System to Standardize Naming Plant Pathogen Races and Strains</td>
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<tr>
<td>8:00 a.m. – 5:30 p.m.</td>
<td>Carboxylic Acid Amide Fungicides (CAA) FRAC Group 40</td>
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<tr>
<td>8:00 a.m. – 5:30 p.m.</td>
<td>Challenges for Managing Insect Vectored Diseases</td>
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<tr>
<td>1:00 – 4:00 p.m.</td>
<td>Office of Industry Relations (OIR) Board Meeting</td>
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<tr>
<td>2:00 – 3:30 p.m.</td>
<td><strong>Flash-and-Dash Presentations with Author Time</strong></td>
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<tr>
<td>3:30 – 5:00 p.m.</td>
<td>NPN Town Hall Meeting</td>
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<tr>
<td>3:30 – 5:30 p.m.</td>
<td><em>Posters and Authors—even numbered poster authors present</em></td>
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<tr>
<td>6:30 – 8:30 p.m.</td>
<td>Early Career Professional Social</td>
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<tr>
<td>6:30 – 8:30 p.m.</td>
<td>Graduate Student Social</td>
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### Tuesday, August 4

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<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>7:00 – 9:00 a.m.</td>
<td>Department Heads Breakfast</td>
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<tr>
<td>7:00 – 9:00 a.m.</td>
<td>Scientific Programs Board (SPB) Meeting</td>
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<tr>
<td>7:00 – 9:00 a.m.</td>
<td>Small Fruit Disease Workers Breakfast</td>
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<tr>
<td>7:00 a.m. – 12:00 p.m.</td>
<td>Foundation Board Meeting, <em>by invitation</em></td>
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<tr>
<td>7:00 a.m. – 5:30 p.m.</td>
<td>Registration</td>
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<tr>
<td>7:30 a.m. – 5:30 p.m.</td>
<td>Poster Viewing</td>
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<tr>
<td>8:00 a.m. – 5:30 p.m.</td>
<td>APS PRESS Bookstore &amp; Exhibits Open</td>
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### Wednesday, August 5

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>7:00 – 9:00 a.m.</td>
<td>Exhibitor Take Down</td>
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<tr>
<td>7:00 – 10:00 a.m.</td>
<td>APS Council Meeting</td>
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<tr>
<td>7:00 – 11:00 a.m.</td>
<td>Registration</td>
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<tr>
<td>8:00 – 10:00 a.m.</td>
<td>Office of International Programs Board Meeting</td>
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<tr>
<td>8:00 – 11:00 a.m.</td>
<td>APS PRESS Bookstore</td>
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<tr>
<td>8:30 – 11:30 a.m.</td>
<td><strong>Hot Topic Session</strong></td>
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<tr>
<td>8:30 – 11:30 a.m.</td>
<td><em>The Use of Fungicides to Promote Plant Physiological Benefits in Crops</em></td>
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**Preliminary Schedule continued from page 93**

**Joint Committee of Women in Plant Pathology & Cultural Extension Social**
Representatives from leading industry suppliers will be at this year’s meeting to answer questions and share information on products and services. Exhibitor list as of April 17, 2009, see http://meeting.apsnet.org/exhibition/exhibitors.cfm for updated list.

**AC Diagnostics, Inc. (ACD Inc.)**

1131 W. Cato Springs Road, Fayetteville, AR 72751; Phone: +1.479.595.0320; Fax: +1.479.251.1791; E-mail: info@acdiainc.com; Web: www.acdiainc.com. ACD Inc., a leading agri-diagnostic company, provides customers with high-quality plant-diagnostic products at affordable prices. ACD Inc. has ELISA reagents/kits for testing more than 200 plant viruses and bacteria. ACD Inc. also offers reliable laboratory testing services and contract research to satisfy customer requirements.

**Agdia, Inc.**

30380 County Road 6, Elkhart, IN 46514; Phone: +1.574.264.2615 or 1.800.622.4342; Fax: +1.574.206.9360; Web: www.agdia.com. Agdia is a world leader in developing and providing quality plant pathogen diagnostic assays and testing services. We remain committed to providing the best customer support possible. Please take the opportunity to meet or talk with a member of our team. As customary, Agdia will have team members available to meet and talk to you during exhibit hours or we can arrange a meeting with you outside exhibit hours.

Plant Industry Laboratory Department of Agriculture, Trade & Consumer Protection, Madison, WI 53702; Phone: +1.608.266.7132; Fax: +1.608.266.5855; E-mail: Anette.Phibbs@wi.gov. Diagnostics Jeopardy: Have fun with your knowledge of plant diseases. Play individually or together with colleagues.

**APS Office of International Programs (OIP)**

3340 Pilot Knob Road, St. Paul, MN 55121; Phone: +1.651.454.7250; Fax: +1.651.454.0766; Web: www.apsnet.org/members/oip. OIP is a global initiative designed to promote greater worldwide interaction among practitioners of plant pathology. OIP provides coordination of APS international activities, promotes collaboration among plant pathologists and scientists of all nationalities, and facilitates teaching, research, and extension with the aim of increasing agricultural production through improved plant health, especially in developing countries.

**APS Office of Public Relations and Outreach (OPRO)**

3340 Pilot Knob Road, St. Paul, MN 55121; Phone: +1.651.454.7250; Fax: +1.651.454.0766; Web: www.apsnet.org/members/opae. OPRO’s mission is to educate the public on matters related to plant health and plant diseases, increase media coverage of plant health issues to demonstrate the value of plant pathology to society, promote interactions with other scientific and professional organizations, and assist the Public Policy Board in strengthening advocacy for science-based public policy.

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26 Davis Drive, P.O. Box 13528, Research Triangle Park, NC 27709; Phone: +1.919.547.2000; Fax: +1.919.547.2488; Web: www.basf.com/usa. Built on the strength of the world’s leading chemical company, BASF Agricultural Products is a technology leader in crop protection and turf and ornamental management. The BASF portfolio includes Cabrio EG, Caramba, Headline, Endura, Forum, Multiva, and Pristine fungicides in agricultural production; Charter and Stamina fungicides in seed treatment; Insignia fungicide in turf and ornamentals; and Emerald and Trinity fungicides in turf. These products feature the active ingredients pyraclostrobin, boscalid, dimethomorph, metconazole, or triticonazole.

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2 T. W. Alexander Drive, Research Triangle Park, NC 27709; Phone: +1.919.549.2000; Fax: +1.919.549.2778; E-mail: connie.williams@bayercropsceiene.com; Web: www.bayercropsceineus.com. Bayer CropScience is one of the world’s leading innovative crop science companies in the areas of crop protection, nonagricultural pest control, seeds, and plant biotechnology. The company offers an outstanding range of products and support for modern, sustainable agriculture and for nonagricultural applications. Fungicides to be highlighted at the booth include Adament®, Flint®, Gem®, Luna, Proline®, Prosaro®, Stratego®, and seed treatment products—Aeris®, Proceed®, and Trilex®.

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1821 Vista View Drive, Longmont, CO 80504; Phone: 1.800.426.9124 or 1.888.782.5220; Fax: +1.303.772.4003; Web: www.bioresa.com or www.stalabs.com. Eurofins STA (eSTA) Laboratories, Inc. and BIOREBA AG are partners in providing agro-diagnostic products and services for results you can trust. eSTA Laboratories, a leading independent diagnostic laboratory, is the exclusive distributor of BIOREBA products in the United States. eSTA offers effective genetics, seed quality, seed health, plant pathogen diagnostics, and disease eradication services for the agricultural, horticultural, and viticultural industries. With more than 150 locations worldwide, Eurofins offers the most comprehensive scientific and customer support services available to the global agrifood industry. BIOREBA’s R&D laboratory develops and produces reagents and complete ready-to-use kits for the detection of plant pathogens.

**The British Society for Plant Pathology (BSPP)**

Marlborough House, Basingstoke Road, Spencer’s Wood, Reading, RG7 1AG, United Kingdom; Phone: +44 1603 450286. The BSPP supports the professional interests of plant pathologists worldwide. We publish articles in three international, high-quality journals (no page charges, except color). Members can apply for: travel awards, short-term visiting fellowships, student bursaries, conference support, and funds to promote plant pathology to the public.

**Campbell Scientific, Inc.**

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**Microbiology International**
Suit H, 5111 Pegasus Court, Frederick, MD 21704; Phone: 1.800.396.4276; Fax: +1.301.662.8096; E-mail: info@800ezmicro.com; Web: www.800ezmicro.com. Featuring our new automated deep dish (100 × 25 mm) Petri platepourer and large volume media sterilizers (up to 120 L) and our automated spiral plater and colony counter for rapid, cost-effective enumeration of microorganisms. Also, the Pulsifier, a new sample preparation device for effective liberation of microorganisms from plant and root samples, will be on display.

**National Plant Diagnostic Network (NPDN)**
107 CIPS, Michigan State University, East Lansing, MI 48824; Phone: +1.517.353.8624; Fax: +1.517.353.1781; E-mail: hammersr@anr.msu.edu; Web: www.npdn.org. The NPDN is a consortium of plant diagnostic facilities at land grant universities and several state departments of agriculture. The NPDN mission is to facilitate early detection of plant pathogens and pests through education, perform rapid and accurate diagnoses, and support response through partnerships.

**Natural Industries, Inc.**
6223 Theall Road, Houston, TX 77066; Phone: 1.503.705.0384 or 1.888.261.4731; Fax: +1.281.580.4163; Web: www.naturalindustries.com. Natural Industries Inc. specializes in developing beneficial microorganisms for pest, disease, and weed control in the horticultural, agricultural, and turfgrass industries. Current products include Actinovate AG, Actinovate SP, Actino Iron, and Actinovate Seed Treatment.

**NIH Office of Biotechnology Activities**
6705 Rockledge Drive, Suite 750, Bethesda, MD 20892-7985; Phone: +1.301.496.9838; Fax: +1.301.496.9839; Web: http://oba.od.nih.gov. The NIH Office of Biotechnology Activities (OBA) promotes science, safety, and ethics in biotechnology by advancing knowledge, enhancing public understanding, and developing sound public policies. OBA accomplishes its mission through analysis, deliberation, and communication of scientific, medical, ethical, legal, and social issues.

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2510 Sam Noble Parkway, P.O. Box 2180, Ardmore, OK 73401; Phone: +1.580.224.6232; Fax: +1.580.224.6240; Web: www.noble.org. The Samuel Roberts Noble Foundation, headquartered in Ardmore, OK, is an independent, nonprofit institute conducting plant science research and agricultural programs. Its mission is to enhance agricultural productivity, which influences agriculture regionally, nationally, and internationally. Founded in 1945, the Noble Foundation now has 378 employees, representing more than 29 countries.

**Spectrum Technologies, Inc.**
12360 S. Industrial Drive E., Plainfield, IL 60585; Phone: +1.815.436.4440; Fax: +1.815.436.4460; Web: www.specmeters.com.

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**APS PRESS Ships New Color Disease Guidebook in June**

*Diseases of Herbaceous Perennials* is an up-and-coming APS PRESS best seller with nearly 300 preorders ready to ship. Any member working with perennials will want his or her own copy. No other book combines this level of illustration with such comprehensive information on disease problems of herbaceous perennial plants. The common diseases of more than 150 popular perennials are included in this new book, arranged alphabetically by plant and accompanied by hundreds of fine color photographs to assist in accurate disease diagnosis. Five leading specialists in their field, Mark L. Gleason, Margery L. Daughtrey, Ann R. Chase, Gary W. Moorman, and Daren S. Mueller, have collaborated to write this useful diagnostic tool.

Preorders will be shipped as soon as the book arrives at APS headquarters in mid-June. Preorders shipped within the United States will be delivered in 1–2 weeks and preorders outside the United States will be delivered in 2–4 weeks. If you have not already ordered this title and would like to, go to www.shopapspress.org or call toll free 1.800.328.7560 in the United States and most of Canada or call +1.651.454.7250 from anywhere else.

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**Open House Gives Prospective Authors a Chance to Visit with APS PRESS Editors at Portland Meeting**

Margery Daughtrey, co-author of *Diseases of Herbaceous Perennials* and APS PRESS editor-in-chief, invites APS members to share in the rewards of publishing with APS PRESS. “Publishing a book with APS PRESS is a very satisfying experience—it’s so great to work with senior editors and staff who share your interest in producing something excellent,” Daughtrey commented.

APS PRESS is holding an open house for prospective authors and editors at the APS Annual Meeting in Portland. If you would like to talk with us about a book concept or an educational media idea, please stop by and visit with us. Tim Paulitz, Karen Cummings, Larry Madden, Mike Benson, and Margery Daughtrey will be on hand during the “Publish with APS PRESS Session” in the APS PRESS bookstore at the annual meeting to answer your questions and explain the process.

Make plans now to attend our special author open house for a cookie and a conversation with the editors on Tuesday afternoon from 3:30–5:00 p.m. To arrange for an appointment in advance, please contact Daughtrey (mld9@cornell.edu). If you would like to learn more about publishing with APS PRESS before the meeting, visit www.apsnet.org/press. Send in your APS PRESS proposal form in advance or bring it with you. See you in Portland!

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**Do You Have …**

Earrings from Indonesia or ceramics from South America? Maybe some artwork from Australia? Then donate your unique cultural items to the Fifth Annual Office of International Programs’ (OIP’s) Silent Auction! OIP is now seeking donations in the form of crafts, artworks, tools, books, services, or other items that reflect your culture or cultures you have visited. You can bring your donation with you to the meeting or send your donation to APS Headquarters by July 3. Proceeds will benefit the new Global Experience program, aimed at helping APS plant pathologists work with scientists and extension personnel in developing countries in training and outreach efforts.

This year’s silent auction will take place Sunday, August 2, from Noon to 6:00 p.m., during registration and the welcome reception of the APS Annual Meeting in Portland. More information on the silent auction and how to donate items is available at www.apsnet.org/members/oip/silentauction.asp. Contact OIP Silent Auction Chair Annemiek Schilder (schilder@msu.edu) or APS staff member Karen Deuschle (kdeuschle@scisoc.org) with questions.

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233 Spring Street, New York, NY 10013; Phone: 1.800.777.4643 or +1.212.460.1500; Fax: +1.212.460.1575; E-mail: Exhibits-ny@springer.com; Web: www.springer.com. Springer is a major publisher of books and journals in life sciences. Please stop by our booth to order books at a special conference discount and take a closer look at sample issues of journals. Staff will be on hand to answer any questions you might have about publishing with Springer.
University of Minnesota Hosts Symposium on Climate Change and Plant Diseases

The University of Minnesota, College of Food Agricultural and Natural Resource Sciences (CFANS), sponsored a well-attended symposium entitled “New Frontiers in Plant Health: Will Climate Change Tip the Balance Toward Disease?” on March 25, 2009. Highlighting research on the topic of climate change, the symposium addressed assessment, modeling, and management to lessen negative impacts of climate change-plant disease interactions in agricultural, forested, and natural landscapes.

Carol Ishimaru, head of the CFANS Department of Plant Pathology, moderated the session and opening remarks were made by Dean Allen Levin. Invited speakers included Mark Seeley, CFANS Department of Soil, Water, and Climate—“Introduction on climate change”; Karen Garrett, Department of Plant Pathology, Kansas State University—“Anticipating and responding to biological complexity in the effects of climate change on agriculture”; Jeffrey Stone, Department of Botany and Plant Pathology, Oregon State University—“Predicting the effects of climate change on Swiss needle cast severity in Pacific Northwest forests”; X.B. Yang, Department of Plant Pathology, Iowa State University—“Climate change and crop diseases: Epidemiological views on disease management and research”; and James Kurle, CFANS Department of Plant Pathology—“Climate change and plant disease in Minnesota: Tipping the balance or adapting?” The meeting ended with a panel discussion and closing remarks by Senior Associate Dean F. Abel Ponce de León.

Influence the Future of Plant Pathology, Join an APS Committee

APS committee members tackle important issues, keep members informed, manage the details, and basically make things happen. It’s important work and we invite you to become involved. Contact a committee member if you feel strongly about an issue, and better yet, consider joining a committee yourself.

Here’s how you can join...

With several committees to choose from, it’s easy to become involved in APS.

What level of commitment is necessary?

Committee members serve a 3-year term, which is renewable. During this time, they attend and participate in the committee meeting held each year at the APS annual meeting and are involved in committee activities. The nature and extent of the activities of each committee depend on its mission, as well as on the imagination, enthusiasm, and dedication of its members. As an active committee member, you can make a difference!

What are APS committees currently working on?

Committees provide a mechanism by which the diverse views of plant pathologists can be considered. You can select from subject matter-focused committees or general policy committees. Check out the committee webpage on APSnet at www.apsnet.org/members/com. On the webpage, you will find a listing of all committee chairs and members, a report of their recent activities, and other useful information related to APS committees.

How do I join an APS committee?

Volunteer to be a committee member by contacting the chair of the committee that interests you. To be considered for appointment, indicate your interest in serving on a committee in an e-mail to the committee chair by July 10, 2009, or if you will be at the annual meeting, attend the committee meeting in which you are interested. See the meeting program for meeting times and locations on Saturday, August 1.

If you have ever considered joining an APS committee, now is the time to get involved.
Mineral Nutrition and Plant Disease Session Held at the Sixth International IPM Symposium

The unique roles of sulfur, nickel, aluminum, chlorine, and silicon in suppressing plant diseases were presented at the Sixth International Integrated Pest Management (IPM) Symposium, March 24–26, in Portland, OR. The session “Role of Mineral Nutrition in IPM for Suppressing Plant Diseases” underscored the defining roles that these elements may play in integrated management of plant disease by altering host physiology, reducing inoculum potential, and manipulating the environment to be disease suppressive. The session had more than 50 attendees and was organized and moderated by Lawrence E. Datnoff and Wade H. Elmer and funded, in part, by Brandt Consolidated, Inc., Floratine Biosciences, Inc., the International Plant Nutrition Institute, International Potash Institute, and the IPM Organizing Committee.

The session opened with Silvia Haneklaus (Institute for Crop and Soil Science, Julius Kühn-Institut, Germany)—“Crop Specific Sulfur Management for Optimizing Productivity, Quality, and Plant Health,” followed by Elmer (Connecticut Agriculture Experiment Station, CT)—“Role of Chlorine Nutrition in IPM for Suppressing Plant Diseases,” Bruce W. Wood (USDA-ARS, Byron, GA)—“Role of Nickel Nutrition in IPM for Suppressing Plant Diseases,” David Shew (North Carolina State University)—“Suppression of Root Pathogen Activity with Aluminum Amendments,” and Datnoff (Louisiana State University)—“The Role of Silicon in Enhancing Host Plant Resistance and Reducing Fungicide Applications.”

This session delivered mini-synopses from the recently published chapters from Mineral Nutrition and Plant Disease (published by APS PRESS) that was awarded the Current Review for Academic Libraries (CHOICE) Outstanding Academic Title Award for 2008.

The complete program and abstracts are available at www.ipmcenters.org/ipmsymposium09.

(Left to right): Wade Elmer, Bruce Wood, Silvia Haneklaus, Lawrence Datnoff, and David Shew at the Sixth International IPM Symposium.
“If you could meet any plant pathologist who lived during the past century, who would it be? Why?”

Margery Daughtrey, Cornell University, U.S.A.

I often think of Cynthia Westcott spraying her clients’ roses wearing a dress and a voluminous green-and-white straw hat (she called it her Hopalong Cassidy)—I would love to have met her in her prime! She was a role model for any ornamentals pathologist. I’ve been inspired by her books (her autobiography, Plant Doctoring is Fun, is especially wonderful) and by her extension of practical plant pathology and entomology information to gardeners. You can read about her in Pioneering Women in Plant Pathology, in the tribute by Ken Horst—who was lucky enough to have met her!

Marc Cubeta, North Carolina State University, U.S.A.

Given the chance, I would like to have met Jack Warcup, a plant pathologist and mycologist at the Waite Institute in South Australia. According to one of his former graduate students, “He had an extremely analytical mind, a very good memory for details, and acute powers of observation.” In a time when research was conducted primarily with microscopes, cultures, and petri dishes, Warcup conducted elegant experiments and developed many methods to study the ecology of soil fungi. His research serves as a reminder to plant pathologists of the need to better understand relationships of beneficial and pathogenic fungi.

People

Collaborations

S. K. Manoranjitham

University’s Department of Plant Pathology at the Irrigated Agriculture Research and Extension Center, Prosser, for a period of about 5 weeks, beginning January 15 through February 18, 2009, to gain hands-on experience in molecular diagnosis of vegetable viruses. Her short-term training in an advanced institution in the United States was supported by a human resource development project funded through the Indian Council of Agricultural Research for faculty capacity building in advanced agricultural sciences at TNAU.

New Positions

Philip S. Wharton

joined the faculty of the University of Idaho’s Department of Plant, Soils, and Entomological Sciences in October 2008, filling a key position in the potato program as potato plant pathologist at the Aberdeen Research and Extension Center. Wharton’s responsibilities include field and laboratory studies addressing Pythium leak, early blight, black dot and Fusarium dry rot. According to Wharton, the University of Idaho position was appealing because it would allow him to expand his research on potatoes. “[With] Idaho being the capital of potatoes, it was an opportunity that could not be missed,” he said. Wharton earned his Ph.D. degree in plant disease resistance in 1997 at the University of Reading, U.K. He spent the following 2 years as a post-doctoral researcher at Purdue University, where he investigated mechanisms of plant disease resistance in sorghum. From 1999–2008, he was employed as a senior research associate at Michigan State University, where he studied the biology and epidemiology of diseases of cherries, blueberries, strawberries, and grapes before concentrating his efforts during the past 4 years on late blight, Rhizoctonia, Fusarium dry rot, and other diseases of potatoes and sugar beets.

Fred Gildow

has been named head of the Department of Plant Pathology at the Pennsylvania State University. He succeeds Barbara Christ, who assumed the post of senior associate dean in the College of Agricultural Sciences at Penn State. According to Robert Steele, dean of the College of Agricultural Sciences at Penn State, “Fred Gildow is the embodiment of the land-grant scholar. We’re delighted to have someone of his experience and caliber to lead the Plant Pathology Department.” Gildow received his doctorate in plant pathology from Cornell University in 1980, and then served as an assistant professor in plant pathology at the University of California-Berkeley before joining the Penn State faculty in 1983. Gildow’s research career has focused on virus transmission by aphids, with an emphasis on the ultrastructure of virus-cell interactions regulating vector specificity. Gildow teaches undergraduate and graduate courses in plant pathology and is faculty advisor for the plant pathology minor. He was awarded the Gamma Sigma Delta Agricultural Honor Society Excellence in Teaching Award from the College of Agricultural Sciences in 2007 and the Department of Plant Pathology Outstanding Teaching Award in 2008. A member of APS since 1976, he has authored 85 papers on plant viruses and aphid vectors in scientific journals and books. Gildow will oversee a department with 50 faculty and staff, and 40 graduate students and post-doctorals. The department offers M.S. and Ph.D. degrees in plant pathology and participates in graduate programs in ecology, genetics, and plant physiology, as well as the interdisciplinary undergraduate agroecology major.

Richard A. Wilson

joined the Department of Plant Pathology at the University of Nebraska-Lincoln in February 2009 as an assistant professor in the area of molecular plant-microbe interactions. Wilson has an undergraduate degree in biochemistry from the University of York, U.K., (1994) and a Ph.D. degree in molecular genetics from Imperial College London (1998), under the direction of
Herb Arst, Jr., which involved studying nitrogen regulation in *Aspergillus nidulans*. This interest in metabolism led to work in Nancy Keller’s lab, first at Texas A&M and then at the University of Wisconsin-Madison, investigating the regulation of secondary metabolism in *A. nidulans* and the aflatoxicogenic plant pathogen *A. flavus*. Following a short period at the USDA-ARS SRRC in New Orleans, Wilson returned to the UK, to Nick Talbot’s lab, where his focus shifted to understanding how carbon and nitrogen metabolism is integrated during plant pathogenesis in the rice blast fungus *Magnaporthe oryzae*. Wilson will draw from all aspects of his previous scientific career to develop a strong, externally funded research program exploring the molecular interactions between plant-pathogen and host and asking the question: How do plant-pathogenic fungi perceive their environment and cause disease?

In Memory

Harry C. Young, Jr., professor emeritus in the Department of Plant Pathology at Oklahoma State University, passed away February 22, 2009, in Wichita, KS, at the age of 90. Young grew up in Wooster, OH, where he attended public schools and obtained a B.S. degree in botany from Ohio State University in 1940. He was awarded an M.S. degree in plant pathology in March 1943 and a Ph.D. degree in plant pathology and plant breeding from the University of Minnesota in June 1949. Young began his career in 1950 at Oklahoma State University, where he spent his entire career and retired in 1982.

Young was a U.S. Army Air Corps captain during WWII and served from 1943 to 1946. He was trained as a photography analyst and later was a technical supply officer for the 379th Fighter Squadron, 362nd Group, Fighter Command, 9th Air Force in the European Theater.

Young made notable contributions in plant pathology research and in training graduate students, several of whom have made significant contributions to the science of plant pathology. Young’s area of research included development of disease control programs involving the diseases of fruit nursery stock, small and coarse grain cereals, and turfgrasses; population dynamics of combinations of genes for pathogenicity in the wheat leaf rust fungus, *Puccinia recondita* f. sp. *tritici*; specific disease progress of the stalk rot of maize caused by *Diploidia zeae*; and disease monitoring programs, especially with the diseases of wheat, oats, triticale, and barley. He served on several committees of The American Phytopathological Society, including Plant Disease Detection, Disease Management, Epidemiology, Disease Loss Appraisal, Disease and Pathogen Physiology, and International Cooperation. Young conducted two special research projects of particular interest to him. One was the role of the alternate host in the pathogenic variability of the wheat leaf rust pathogen, *P. recondita* f. sp. *tritici*. This study was conducted at the University of Minnesota and supported by a sabbatical leave from Oklahoma State University, a John Simon Guggenheim Memorial Foundation Fellowship, and a grant from the U.S. Department of Agriculture (1961–1962). Second was the comparison of variability in pathogenicity of wheat leaf rust populations in the presence of two different alternate hosts of the pathogen (species of the genera *Thalictrum* and *Anchusa*), and in the absence of any alternate host. This study was conducted at the Estacao Agronomica Nacional, Oeiras, Portugal, and supported by a Fulbright Hayes Senior Post-Doctorial Fellowship and a grant from the Fundacao Calustte Gulbenkian de Lisboa (1969–1970).

Young’s three major avocations in life were golf, light plane flying, and skiing. The former led to intensive study of disease and disease control of turfgrass pathogens, particularly in bent grass greens. He was a member of the Oklahoma Golf Course Superintendents and the Oklahoma Turfgrass Research Foundation, providing them with disease control counsel throughout much of his career until he retired in 1982. He continued playing golf after his 90th birthday. His private plane flying greatly enhanced his supervision of state and regional research plots and in visiting research stations in the southern Great Plains. He continued flying until about age 87. His desire to ski resulted in him and his wife Joan, married since 1943, moving to Pagosa Springs in the southern mountains of Colorado after retirement.

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Face to Face: Find Candidates & Meet in Portland!

Stop by the onsite APS Placement Service in Room A103 of the Portland Convention Center during the meeting, where you’ll have the convenience of an online interface for searching jobs and candidates in plant pathology. Employers and candidates are encouraged to submit their postings prior to the meeting as well as review who will be available. Starting in June, you’ll be able to indicate on your submission that you will be onsite by checking the optional box. When searching for jobs or candidates at www.apsnet.org/careers look for the “leaf” icon to quickly see who will be available. Contact apsplacement@scisoc.org with any questions.

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Post-Doctoral Research Associate
The Vegetable Pathology Program at the Gulf Coast Research and Education Center, University of Florida, seeks a post-doctoral research associate to develop bio-based disease management strategies for commercial vegetable production in Florida. The incumbent will be expected to work among others to characterize biopesticides and host defense elicitors for activity against several diseases, measure efficacy in crop germplasm and different field environments, develop application strategies for commercial field production, address research questions using traditional/contemporary approaches, work well in a multidisciplinary team, and help manage lab/field activities. Applicants should have a Ph.D. degree in plant pathology or related area with a strong background in plant-microbe interactions, soil microbiology, molecular biology, epidemiology, and statistics. Excellent communication skills (oral/written English) required. Initial 1-year appointment with possibility of renewal for 2 years, depending on progress/funding. Salary commensurate with experience. This is a non-tenure accruing position with benefits. Closing Date: June 15, 2009 (Closing date open until position filled.) Submit a letter of application, CV, transcripts, statement of research interests, and three letters of recommendation to Gary Vallad. Contact: Gary Vallad, University of Florida, IFAS UF/IFAS, Gulf Coast REC, 14625 CR 672, Wimauma, FL 33598 U.S.A. Fax: +1.813.634.0001; E-mail: gvallad@ufl.edu; Phone: +1.813.634.0000; Web: http://gcrec.ifas.ufl.edu.

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IMPORTANT APS DATES TO REMEMBER

June 2009
1 World’s Dirtiest Jobs in Plant Pathology video entries due. www.apsnet.org/members/opae/dppjc

July 2009
1 Art and Phytopathology submissions due. www.apsnet.org/members/com/artinphytopathology.asp
3 Donation forms for OIP Silent Auction due to APS. www.apsnet.org/members/oip/silentauction.asp

August 2009

102 Phytopathology News
Stress Tolerance and Environmental Fitness of *Pseudo-
Rhizoctonia solani* and Bacterial Brown Leaf Spot of Citrus, a New Disease

Genetic Diversity of *Candidatus June 2009, Volume 93, Number 6
Genetic Diversity of *Cacopsylla melanoneura*

Phytopathology

APS Journal Articles

Simultaneous Detection of -Replication of, and Competition Between, DNA
Graft and Psyllid Transmission, Electron Microscopy,
States Milling Wheat Containing

Caused by and PCR.

Graft and Psyllid Transmission, Electron Microscopy,

-Replication of, and Competition Between, DNA
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Calendar of Events

APS Sponsored Events

June 2009

August 2009
1-5 — APS Annual Meeting. Portland, OR. http://meeting.apsnet.org
1-5 — APS Pacific Division Meeting (held jointly with APS Annual Meeting). Portland, OR. www.apsnet.org/members/div/pacific/

October 2009
28-30 — 2009 APS Northeastern Division Meeting. Québec City, Canada. www.apsnet.org/members/div/northeastern

December 2009

Upcoming APS Annual Meetings:
August 7-11, 2010 — Nashville, TN.
August 6-10, 2011 — APS/IAPPS Joint Meeting. Honolulu, HI.

Other Upcoming Events

June 2009

August 2009

September 2009

October 2009

November 2009
10-13 — Indian Phytopathological Society’s 5th International Conference. New Delhi, India. www.ipsdis.org

December 2009
6-10 — National Plant Diagnostic Network. Miami, FL. www.npdn.org

February 2010

August 2010

For the most current listing go to www.apsnet.org/meetings/calendar.asp.