

Phytopathology News

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2002 JANE Award Winners Announced

The Office of International Programs and the APS Foundation are pleased to announce the winners of the 2002 John and Anne Niederhauser Endowment (JANE) award created to facilitate international cooperation related to research/management of plant diseases with particular emphasis on those caused by *Phytophthora*. This year's award winners include:

P. J. Oyarzun, A. Taïpe, and N. Hidalgo, Instituto Autonomo de Investigaciones Agropecuarias, INIAP, PNRT-papa for the proposal "Development of Late Blight Management Strategies for Resistance Potato Cultivars in Ecuador." This proposal was funded at \$10,000 and deals with controlling late blight through the implementation of IPM strategies. One of its objectives is the determination of the number of fungicides needed for effective control of late blight on recently released potato cultivars with tolerance to late blight. The proposal will also investigate the possibility of timing fungicides applications based on accumulated rainfall as a threshold level. Experiments will be conducted in farm fields and in three production regions.

2002 JANE Awards continued on page 31

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Milwaukee, the July 2002 "Gathering Place"

Native Americans called Milwaukee the "gathering place by the waters," and it's where APS will be for its 94th Annual Meeting, July 27–31, 2002. Milwaukee, the "Genuine American City," is steeped in tradition but is alive with growth and development. From the clean, sparkling waters of Lake Michigan to the rich heritage of ethnic neighborhoods, Milwaukee invites you to discover its uniqueness and diversity.

Sessions that will stimulate, invigorate, and challenge your perspective will take place at the Midwest Express Center. The program committee and APS leadership are excited to be bringing you a timely plenary session on Funding for Agricultural Research. The session will examine the agricultural funding situation and the complexities involved in turning around the flat funding of the last decade. Featured speakers include **Joseph Jen**, undersecretary of agriculture, USDA, and **Ed Schuh**, an outstanding economist at the University of Minnesota. In addition, a local farmer will be invited, and we hope to attract a U.S. senator to participate in the session. The goal will be to answer the question, "What can be done to improve the poor current status of federal funding for agricultural research?"



Joseph Jen



In addition, APS committee-sponsored topics in plant pathology include: Extension and Teaching at a Distance, Molecular Marker Techniques and Their Use in Breeding Programs, Creating the Right Environment for Biological Control of Soilborne Disease, New Applications of Statistical Tools in Plant Pathology, RealTime PCR for Field Diagnosis of Bacterial Diseases, and Surface Interactions and Bio-films of Plant-Associated Microbes.

There will also be workshops and discussions on Statistical Epidemiology, Applications of Commercial Bio-pesticides, and Innovative Methods in Seed Pathology. The Turfgrass and Forest Pathology committees will hold one- and two-day field tours, respectively, prior to the meeting. In addition, the Program Planning Committee is responding to APS members' wishes for information and perspectives related to plant pathogens as potential agents of agroterrorism and is planning a special session in Milwaukee to address these issues.

The registration and exhibit hall in the Midwest Express Center will be the center of activity. Make the most of the meeting by spending time with the exhibitors and learning about the latest innovations in technology, products, services, or publications. This is another great way to keep informed and increase your awareness.

Be a part of this event and reserve space on your calendar today for July 27–31, 2002. Registration materials will be mailed in early April to all APS members, exhibitors, speakers, and others on our mailing list. They will also be available on our website at www.apsnet.org/meetings/2002/. ■



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Submission Guidelines

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APS Press Announces Editorial Board Members

New APS Press editorial board members began their three-year terms after the annual meeting in Salt Lake City. Senior Editors **Marty Dickman**, **Dennis Gonsalves**, and **Tom Volk** fill vacancies left by retiring board members **D. Michael Benson**, **Armando Bergamin Filho**, and **Edward Braun**.

Marty Dickman, professor of plant pathology, with specialization in the areas of signal transduction, fungal pathogenic development, and plant apoptosis, has been on the faculty of the University of Nebraska in the Department of Plant Pathology since 1987. He received his B.S. degree in tropical crops from the University of Hawaii at Hilo and M.S. and Ph.D. degrees in plant pathology from the University of Hawaii at Manoa. Dickman is currently a senior editor for *Physiological and Molecular Plant Pathology* and an associate editor for *Applied and Environmental Microbiology*. Previously, he served as senior editor for *Mycologia* and *Archives of Microbiology*. He coedited *Colletotrichum: Host Specificity, Pathology, and Host-Pathogen Interactions*, published by APS Press, and was an associate editor of the *Encyclopedia of Plant Pathology*. He is cofounder and has been chair for the past 10 years of a North-Central Regional Committee (NCR-173) concerning the molecular basis for pathogenicity in *Colletotrichum*.



Marty Dickman



Dennis Gonsalves

Dennis Gonsalves was born and raised on a sugar plantation in Kohala on the Big Island of Hawaii. He received his B.S. degree in horticulture from the University of Hawaii in 1965 and his M.S. degree in plant pathology in 1968, also from the University of Hawaii. In 1972, he received his Ph.D. degree from the University of California, Davis, and took an assistant professor position at the University of Florida Agriculture Research and Education Center at Lake Alfred. His research focused on the characterization of citrus viruses until 1977, when he moved to Cornell University at Geneva as an associate professor. He was promoted to professor in 1986 and subsequently selected as a Liberty Hyde Bailey Professor in 1995. His research expertise is in plant virology, with focus on viruses of vegetables and fruits. His major research programs are the characterization of grapevine viruses and the development of virus-resistant transgenic crops of cucurbits, grapevines, tomatoes, and papaya. The ultimate aim is to develop these crops to the commercial level. The virus-resistant transgenic papaya was released to Hawaiian papaya growers in 1998 and has successfully controlled disease in Hawaii. He has worked with students and scientists to develop and transfer virus-resistant transgenic papaya to other countries, including Venezuela, Jamaica, Thailand, and Brazil.

Tom Volk, an associate professor of biology with a specialization in mycology, has been on the faculty at the University of Wisconsin-La Crosse since 1996, where he teaches courses on mycology, medical mycology, plant biology, plant-microbe interactions, and Latin and Greek for scientists. His Internet web page, Tom Volk's Fungi at <http://TomVolkFungi.net>, has more than 1,000 photos of fungi from all taxonomic groups, a popular "Fungus of the Month" feature, and an extensive introduction to the Kingdom Fungi. The main page has received more than 350,000 hits during the 6 years it has been online, with more than 140,000 hits in the past year. Tom received his B.S. degree in botany from Ohio University in 1980, and his Ph.D. degree in botany/mycology from the University of Wisconsin-Madison in 1988. He worked for six and a half years after that in the Center for Forest Mycology Research at the USDA Forest Products Lab in Madison, WI. In addition to dabbling in mushroom cultivation, Tom works on the genus *Morchella* and on the forest pathogens *Armillaria* and *Laetiporus*, as well as the mycorrhizal genus *Hydnellum*. He also conducts various fungal biodiversity studies in Wisconsin, Minnesota, and Israel. Tom has been on the APS Illustrations Committee for the past 4 years and is now chair of the committee. ■



Tom Volk

Public Policy Update

Microbial Genome Sequencing Project Receives \$9 Million in USDA/NSF Funding Thanks in Part to PPB Efforts



PUBLIC POLICY BOARD

As a collaborative interagency effort, the U.S. Department of Agriculture (USDA), and the National Science Foundation (NSF) recently announced the availability of grant funds and requested applications for the Microbial Genome Sequencing Project (MGSP) for fiscal year 2002. The amount available for support of this program in FY 2002 is approximately \$9 million.

This level of funding might not have been possible without the quick efforts of the APS Public Policy Board (PPB). USDA funding for the MGSP last year came out of the IFAFS program. When the PPB was notified that IFAFS funding was cut, they knew that USDA participation in the MGSP was in jeopardy. The PPB began working immediately with top officials at the USDA to ensure that this program would not be lost. President-Elect **Jacque Fletcher** and other members of the PPB were able to convince the USDA leadership to continue their participation in the program with funding from the NRI.

"This is a major victory for the PPB," states **Kellye Eversole**, Washington consultant for the PPB. "The USDA share of the funding (\$4 million) was provided only after considerable work by PPB and APS members. Their efforts ensured that we ended up with a \$9 million program, as opposed to a \$5 million program and we can count this as a significant PPB success."

To review the announcement of the USDA/NSF Interagency Microbial Genome Sequencing, see page 33 in this issue of *Phytopathology News* or visit <http://www.nsf.gov/cgi-bin/getpub?pdbio020>.

Leach, McGee, and Stuckey Join PPB



Jan Leach



Denis McGee



Richard Stuckey

The APS Public Policy Board is pleased to welcome its three newest members. **Jan Leach**, Kansas State University; **Denis McGee**, Iowa State University; and **Richard Stuckey**, formerly with CAST, will all serve three-year terms as members of the PPB. ■

Important APS Dates

March 2002

- 1 Student Travel Award Application Deadline
www.apsnet.org/members/foundation/travelgrant.asp
- 1 Oral Paper Presentation Abstracts Due for Milwaukee Annual Meeting
www.apsnet.org/meetings/2002/
- 15 Poster Presentation Abstracts Due for Milwaukee Annual Meeting
www.apsnet.org/meetings/2002/

2002 JANE Awards continued from cover

Julio L. Gabriel et al., Fundacion PROIN-PA, Cochabamba, Bolivia, for the proposal "Bolivian Genetic Resources for Sustainable Management of Potato Blight." This proposal was funded at \$5,000 and deals with collecting and conserving native potato germplasm. It also deals with characterizing such materials for resistance to late blight and other pests as well as agronomic traits. The proposed research is part of an ongoing, extensive research and outreach project on native germplasm of potatoes and other crops by the foundation.

S. Fernandez-Pavia, Instituto de Investigaciones Agropecuarias y Forestales, Universidad Michoacana de San Nicolas de Hidalgo, Morelia, Michoacan, Mexico, for the proposal "Characterization of *Phytophthora capsici* Populations to Improve Disease Management Strategies." This proposal was funded at \$5,000 and deals with understanding the biology of the pathogen for possible use in designing effective management strategies. It also combines the use of traditional and molecular techniques in characterizing the biology of the pathogen populations from peppers. ■

Final Call for Applications for 2002 Storkan-Hanes Foundation Awards

Applications must be received before **May 1, 2002**, for funding to begin September 1, 2002. Please submit eight copies each of a short (2-3 pages) research proposal with a clear statement of the objectives of the research, a biography of the researcher, and a letter from the applicant's major professor or research director. A major aim of the foundation is to encourage research by offering financial assistance to graduate students who are working on soilborne diseases of plants. Applications from postdoctoral candidates also are considered. The research must be done in the United States.

Send applications to **Dr. Albert Paulus**, Chair Selection Committee, Storkan-Hanes Foundation, Department of Plant Pathology, University of California, Riverside, CA 92521-0122 USA; Phone +1.909.787.3431 (leave message) or e-mail apaulus@ucr1.ucr.edu. ■

Invitrogen Corp Announces Research Funding Opportunity

The Research Tools Development Grants Program is intended to allow investigators to develop innovative tools for use in life science research, including discovery, development, and commercialization. The program is open to new and established investigators working in academia, not-for-profit institutions, and for-profit companies such as start-up biotech. Funding can range from \$25,000 to \$100,000 and is generally for one year. Total funding of this program is \$5 million per year. Invitrogen Corp. is providing the grants on a quarterly basis; each quarter we will request grant proposals for a specific field of interest.

For the first quarter of 2002, the program is seeking grant applications in the general area of enzymes for molecular and cell biology. For the second quarter it is interested in the area of functional analysis, i.e., tools to understand how genes and their corresponding proteins function and interact in vitro and in vivo. Future quarterly fields of interest for 2002 include separations and purification and amplification, labeling, and quantitation. Additional information on this program is available at www.invitrogen.com or by contacting **David Odelson** at grants@invitrogen.com or at 1.800.955.6288 x 66140. ■

ProMED-Plant Subscription Available to APS Members

Dick Hamilton, Moderator, ProMED-Plant

ProMED-Plant is a free program that has monitored emerging diseases of plants worldwide since 1994. Diseases of 55 major food crops are monitored. Sources for ProMED-Plant include wire services, transcripts of radio broadcasts, abstracts from various plant pathology journals, and reports of disease occurrence provided by subscribers who are notified of reports by timely e-mail messages. Major stories covered by ProMED-Plant include those on Karnal bunt, sorghum ergot, potato ring rot, plum pox, cassava mosaic, Pierce's disease, and black sigatoka.

APS members can subscribe at the ProMED-mail website, <http://osi.oracle.com/pls/askus/f?p=2400:1000:721>. To see ProMED-Plant posts, click on "Postings from the last 30 days", then click on "Printer Friendly Display" and select posts of interest. ■

APS Foundation

Update on APS Foundation Activities

Don Mathre, APS Foundation Chair, Montana State University



Total APS Foundation assets as of June 30, 2001 were \$800,929 as compared to \$685,856 on that date in 2000. A record \$114,710 was donated to the Foundation for the year ending June 2001; the previous year also set a record of \$88,120.

At the 2001 Annual Meeting of APS held in Salt Lake City, Foundation Chair **Stella Coakley** co-sponsored with President **Steven Slack** a luncheon to thank special donors to the Foundation; approximately 40 attended this event intended to recognize individual donors of \$1,000 or more and group donors of \$2,500 or more. The APS Foundation formally launched the Public Forum Travel Fund which received three donations (\$675). The goal is to build this fund so that the interest will be used by APS members to participate in public forums of importance to the future of plant pathology; this is intended to allow travel by plant pathologists to meetings where we might not otherwise be represented and the impact for our science would be valuable.

The Foundation has committed to fund two International Travel Awards to the Annual APS Meeting in 2002. The call for applications appeared in November's *Phytopathology News*. These awards will go to early to mid-career scientists native to and working in developing countries. The recipients will be selected through a competitive process developed jointly by the Foundation and International Programs. The International Travel Award Fund received a gift of \$10,000 from **Edward R. and Delia Monar French** and this was matched by the Foundation. An additional \$12,500 is available to match new gifts to this fund. Seven gifts totaling \$1,625 were received in Salt Lake City. The APS Teaching Committee was asked to help develop the competitive process for awarding the first Frank H. Howard Undergraduate Research Fellowship in 2002.

The Foundation wishes to acknowledge the contributions of the following individuals, many of them students, for providing assistance at the booth in collecting donations and awarding prizes: **Russ Bulluck, Nora Catlin, Jennifer Clifford, Paul Esker, Mee-Sook Kim, Carrie Lapaire, Clive Lo, Sarah Savchuk, Peter Sforza, Lynn Sosnoskie, Pam Thomas, and Bill Turechek**. Gifts for meeting donors were provided by Pioneer Hybrid, a Dupont Company who funded the hand lens given out for \$100 donations, Sipcam Agro USA Inc. who funded the pens that were given out for \$50 donations and Fisher Scientific (**Monica Nichols**), Monsanto (**Molly Cline**), BASF (**Chris Becker**), and Syngenta (**Allison Talley**). Departments providing gifts included: University of Arizona, Clemson University, University of California at Riverside, Colorado State University, Cornell University at Geneva, Cornell University at Ithaca, University of Georgia at Athens, University of Illinois, University of Kentucky, University of Nebraska, North Carolina State University, Oregon State University, and Purdue University.

You can find additional information about the Foundation at www.apsnet.org/members/foundation. We invite members and families of members to suggest new projects or to make donations to specific interests of the donor. You may contact any board member to discuss your special interest and we invite your assistance in any way that you would like to offer it. Don Mathre, Chair of the APS Foundation Board, can be reached at: Montana State University, 208 Ag Biosciences, Bozeman, MT 59717-0001; Phone: +1.406.994.5157; Fax: +1.406.994.7600; E-mail: (upldm@montana.edu).

"Together we make a difference." ■

Microbial Genome Sequencing Project

Ann Lichens-Park, National Research Initiative Competitive Grants Program

As a collaborative interagency effort, the USDA and the NSF are announcing the availability of grant funds and request applications for the Microbial Genome Sequencing Project (MGSP) for fiscal year (FY) 2002. The amount available for support of this program in FY 2002 is approximately \$9 million. A full description of the program, as well as application instructions is available at <http://www.reeusda.gov/1700/funding/rfamgsp.htm>.

The purpose of this interagency program announcement is to solicit applications to conduct high-throughput sequencing of genomes of microbes that are of fundamental biological interest, as well as those that are important to the productivity and sustainability of agriculture and forestry, and to the safety and quality of the nation's food supply. Priority will be given to projects that will provide whole genome sequence data and mapping information on microorganisms to fill key gaps in our knowledge of microbial diversity, of microbes that play roles in diverse ecosystems, and/or microbes that have an impact on agriculture and food safety. Priority also will be given to projects that integrate education and outreach and those that establish close collaboration among investigators and end users.

A "Letter of Intent" is requested and due by close of business (COB) on March 15, 2002 (5:00 p.m. Eastern Time). Funding applications must be received by COB on May 1, 2002 (5:00 p.m. Eastern Time). Proposals received after this date will not be considered for funding. For further information, contact **Ann Lichens-Park** of the USDA via e-mail apark@reusda.gov or telephone 202.401.6466. ■

Agrosoft Systems Offers Free Software to APS Members

Agrosoft Systems is the developer and distributor of PestCalc, a pesticide rate calculation and unit conversion program. It is now currently offering the DOS version of the software for free (no catch!) to all members of the American Phytopathological Society. It also offers an innovative subscription-based pesticide application for record-keeping online. Please visit our web site for more information, <http://agrosoft.dns2go.com/precords/default2.html>. ■

Meetings

4th International Wheat Tan Spot and Spot Blotch Workshop, July 21–24, 2002, Bemidji, Minnesota

The 3rd International Tan Spot and Related Diseases Workshop was held at the University of Manitoba during the summer of 1997. On the occasion of the fifth anniversary of this meeting and in keeping with the continued importance of these wheat diseases, it is appropriate that a fourth international meeting be held in the summer of 2002.

Mark your calendars to attend and participate in what promises to be a lively scientific discussion. A field trip to Lake Itasca State Park is planned, so you will have an opportunity to see the headwaters of the mighty Mississippi River as well as spot blotch on a crop found in few locations around the world. Many other unique sights may be found in the north woods of Minnesota. The APS Annual Meeting begins on July 27 in nearby Milwaukee. Current details may be obtained at <http://www.ndsu.nodak.edu/instruct/francl/workshop/index.htm>. ■



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People



Jamie Potter

The following two students recently completed graduation requirements for the Department of Plant Pathology, University of Wisconsin. **Jamie Potter**, received a M.S. degree, with a thesis on "Specific PCR and DNA Hybridization Methods for Detection and Identification of Bean-Infecting Begomoviruses," under the direction of **Douglas Maxwell**. **Daniel Linder Czederpiltz**, received a Ph.D. degree, with a thesis on "Forest



Daniel Linder Czederpiltz

Management and the Diversity of Polyploid and Corticioid Fungi," under the direction of **Glen Stanosz**.

Six undergraduate students (**Rebecca Bassi, Matt Cordell, Mandy Cox, Tiffany Downing, Melody Morgan, and Shannon Slaten-Bickford**) each received a \$5,600 Adair or Bollenbacher Summer Internship Scholarship in 2001 from the Department of Plant Pathology at the University of Arkansas, Fayetteville. The scholarship pays qualified junior or senior undergraduates, or



(From left: Cox, Downing, Slaten-Bickford, Bassi, Morgan, and Cordell)

recent graduates, studying biology, plant science, microbiology, molecular biology, or agricultural science to conduct an independent summer research project supervised by faculty in the department. The program is an excellent opportunity for undergraduate students interested in obtaining hands-on research experience prior to pursuing gradu-

ate studies. If you know of any undergraduate students that may be interested in this program, please have them contact **Jim Correll** (+1.501.575.2710; jcorrell@uark.edu) or **Sung Lim** (department head, +1.501.575.2445; smlim@uark.edu). Information on this program also is available at <http://www.uark.edu/depts/plntpath/plpa.html>. The application deadline for the 2002 summer program is April 5, 2002.

Sarah B. Ware and **Sunny Troxell** recently completed their M.S. degrees in the Department of Plant Pathology at the University of Arkansas, Fayetteville, working with **D. O. TeBeest** and **R. C. Gergerich**, respectively. Ware's thesis was titled "Genetic Diversity of *Colletotrichum sublineolum* on Sorghum Based on Vegetative Compatibility, mtDNA, and nuDNA Restriction Fragment Length Polymorphisms, and GDPH Intron Sequences." Troxell's thesis was titled "Tobacco ringspot virus in Blackberry: Detection and Cultivar Susceptibility." Ware has accepted a position at the University of Wageningen in Holland and will be working on her Ph.D. degree on resistance to *Septoria tritici* in wheat. Troxell has accepted a position as a research scientist at the Veterinary Medical Diagnostic Laboratory at the University of Missouri.

Dr. Yulin Jia, USDA/ARS, a molecular biologist located at the Dale Bumpers National Rice Germplasm Facility in Stuttgart, Arkansas, has been appointed as an adjunct faculty member in the Department of Plant Pathology at the University of Arkansas, Fayetteville.

The Derald A. and Betty L. Slack graduate student scholarship was established in the Department of Plant Pathology at the University of Arkansas, Fayetteville, and is awarded to an outstanding M.S. student. **Derald Slack** was the department head for 25 years. The scholarship has been awarded to **Gary Bates**, a student working with **Craig Rothrock** on resistance in soybean to *Pythium* species.

The Department of Plant Pathology at the University of Minnesota welcomed three new scientists to the department in 2001. **Sally Statina** began as a new assistant professor located at the Southwest Research & Outreach Center



Sally Statina

in Lamberton, MN. She is also a faculty participant in the partnership degree program between the University of Minnesota and Southwest State University at Marshall, MN. Her research will focus on diseases of soybean. Statina earned her B.S. and M.S. degrees from Eastern Illinois University and her Ph.D. degree in plant pathology from Louisiana State University in 1996, where she studied competition between nematodes and the effect of soybean genotypes on competition. From 1997 to 1998, Statina worked as a research associate in the Corn Pathology Program/Aflatoxin Initiative Project Rice Pathology at LSU. She then joined the Soybean Pathology Program at Southern Illinois University as a research associate in 1998. Statina served as an adjunct assistant professor at Southern Illinois University before coming to the University of Minnesota.



Susan Cohen

Susan Cohen is a new visiting assistant professor in the Department of Plant Pathology at the University of Minnesota on assignment from USDA-APHIS. Cohen recently completed her Ph.D. degree at George Mason University

working on the population ecology of *Discula umbrinella* on *Quercus alba* and *Q. rubra*. At Minnesota, she will be working on the implementation of an online international workshop about the risks of exotic pests and their impact on global trade, evaluation of risk management approaches for forest diseases, a pest risk assessment for *Phytophthora* canker, and integration of geospatial analysis into pest risk assessment and risk management approaches.

Janna Beckerman began her position as the University of Minnesota extension educator – plant pathology in the Yard and Garden Line last year. Beckerman joined a core of other extension educators with expertise in entomology and horticulture in the Yard and Garden Line. Together with her colleagues, Beckerman will be responsible for providing information and education on a broad range



Janna Beckerman

of topics involving insects, growing of plants, and plant diseases. Beckerman is developing information on urban plant health care for the general public and educational workshops and short courses for extension educators and master gardeners. Beckerman received her B.S. and M.S. degrees from SUNY College of Environmental Science & Forestry. She went on to Texas A & M for her Ph.D. degree, where she studied the morphogenetic and hormonal control of appressorium formation of the rice blast fungus. After completing her Ph.D. degree in 1997, Beckerman was a postdoctoral fellow at the University of Minnesota studying *Candida* genomics and pathogenesis.

Kai-shu Ling, plant pathologist, recently joined STA Laboratories as manager of plant pathology, California branch. Ling received his Ph.D. degree in plant pathology from Cornell University in 1995. His Ph.D. study and postdoctoral research was under the direction of renowned virologist **Dennis Gonsalves**. In the last 10 years, Ling's research was concentrated mainly in molecular characterization of grapevine leafroll associated viruses and the study of genetic control of grapevine diseases. His achievement in grapevine research includes two U.S. patents on grapevine leafroll virus sequences and their uses and numerous peer-reviewed publications under this subject. For the last three years, he has been a scientist for a biotech start-up company to develop disease resistant grapevines through genetic improvement.

STA Laboratories has also recently hired **Brent Swan** as the plant pathologist who will be overseeing the bacteriology laboratory in its Colorado facility. Swan graduated magna cum laude with a B.S. degree in bioagricultural sciences and pest management in 1999 from Colorado State University. As an undergraduate student, he received academic recognition, making the Dean's Honor List for five consecutive semesters and being accepted into the Golden Key Honor Society. In addition to Swan's scholarly achievements, he contributed to the Department of Bioagricultural Sciences and Pest Management by serving as chair of the Charges for Technology Committee. During the summer of 1997, Swan interned with STA Laboratories. After completing his undergraduate studies, he immediately entered graduate school at CSU. He has an expected graduation date of May 2002 with a M.S. degree in plant pathology. In graduate school Swan is applying his skills and knowledge to the development of innovative disease severity assessment systems in turf grass pathology. He also managed the CSU Cereal and Turf Pathology Laboratory for two years and provided technical backstopping and support to fellow graduate students. Swan is actively

involved with the community of plant pathologists as a member of the American Phytopathological Society and Rocky Mountain Turfgrass Research Foundation. Currently, his research interests are focused on the development of techniques for the detection of seedborne pathogens.

Retirement



Kurt Leonard

After 13 years as research leader at the ARS Cereal Disease Laboratory in St. Paul, MN, and 32 years with ARS, **Kurt Leonard** retired on April 1, 2001.

Leonard grew up in Iowa, went to Iowa State University for his B.S. degree, and

attended Cornell University for his Ph.D. degree. In 1968 Leonard took an ARS position in the Department of Plant Pathology, North Carolina State University, later transferring to the Cereal Disease Laboratory at the University of Minnesota in 1988. Leonard has been highly productive throughout his career but is perhaps best known for research in population genetics of plant pathogens. Leonard was the first to consider the entire genetic background of a plant pathogen when assessing how specific virulence genes affect fitness in plant pathogens. From these studies, Leonard derived an equation, cited extensively, to calculate the fitness costs associated with unneeded virulence genes. Leonard also examined oat stem rust reproduction and spread and later derived a theoretical model for increase of pathogen races within host multiline mixtures that has also been cited extensively. At North Carolina State University, Leonard studied the genetics of the southern corn leaf blight fungus, *Cochliobolus heterostrophus*, the cause of a major corn epidemic in the late 1960s. Leonard showed that fungal isolates with the toxin gene all belonged to a single mating type. From this and other data, Leonard was able to surmise that isolates with the toxin gene must have been derived by mutation from a previously existing population of *C. heterostrophus*. He also derived models to examine the effects of polygenic resistance on pathogen populations, examined taxonomy of the northern corn leaf blight pathogen (*Exserohilum turcicum* Leonard & Suggs), and studied the population genetics of common leaf blight caused by *C. carbonum*. At the Cereal Disease Laboratory, Leonard continued to develop mathematical models for the selection processes that govern coevolution of major gene resistance and virulence in host-parasite systems, giving insight on how virulence in pathogen popu-

lations can be stabilized by deploying host mixtures. He also conducted the oat crown rust survey and helped to characterize oat breeding lines with adult plant resistance to crown rust. Leonard published 130 papers, including 81 refereed journal articles.

Leonard is also well known for his editorial contributions to the profession of plant pathology. He served as associate editor, senior editor, and editor-in-chief of *Phytopathology*, as editor-in-chief of APS Press, and as a member of the editorial board of the *Annual Review of Phytopathology*. In addition, he was a member of 12 APS committees and served two terms as a member of APS council. In recognition of his research accomplishments and his contributions to APS, he was named an APS Fellow in 1983.

During his 13-year tenure as research leader, the mission of the Cereal Disease Laboratory (formerly the Cereal Rust Laboratory) was expanded to include Fusarium head blight, which reemerged in the 1990s as a serious disease of wheat and barley. Leonard also brought in new expertise in fungal genetics and molecular biology, maintaining the laboratory's worldwide reputation as a leader in cereal disease research. ■

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Thanks to the generous support from the APS Foundation and several regional divisions, APS is currently offering students who have never been APS members a two-year membership for the price of one year, plus a FREE two-year subscription to an APS online journal of their choice. Students are the future, and by helping provide them with financial support early in their career, we can make it possible for them to join the growing body of plant health scientists who are members of APS. Encourage students you know to take advantage of this limited-time offer. Applications can be downloaded at www.apsnet.org/members/studentapp.pdf. If you prefer, you can give us their name and contact information, and we'll send them everything they need to join; simply forward names to Iva Greenlee at igreenlee@scisoc.org or call 651.994.3818. This offer is for a limited time only, so pass along the information as soon as you can. And thank you for your continued support!

Classified Placement Policy

You can process your job listing directly through the newly expanded APS online job placement service at www.apsnet.org. Select "Careers and Placement" from the menu on the left, then select "Post a Job." Your posting will go live within 3-5 business days and will remain on the website for up to three months or until a listed closing date, at which point it will drop off the listing. Fees for posting online are \$25 member/\$50 nonmember for graduate or post-doc positions and \$200 member/\$250 nonmember for all other positions. To publish in *Phytopathology News*, as well as online, there is an additional \$30 fee. Jobs will print in the next available issue after posting.

Phytopathology News only ad costs:

If you do not wish to utilize the online placement service the charge for a standard format classified listing (one-column width) is \$70 per inch (approximately 24 cents a character). The charge for a display classified ad (with logo, border or other artwork) is \$100 per column inch. These listings will not be posted on the website. Materials must be received on the first day of the month prior to the requested month of publication. Deadline for submitting ads for the May 2002 issue is April 1, 2002. Send your listing to the APS Placement Coordinator, 3340 Pilot Knob Road, St. Paul, MN 55121-2097, fax to +1.651.454.0766 or e-mail to apsplacement@scisoc.org.

Assistant/Associate Professor of Plant Pathology

The New York State Agricultural Experiment Station Department of Plant Pathology, Geneva, NY, invites applications for a tenure-track position with a 60% research and 40% extension assignment in vegetable pathology. The incumbent is expected to develop an internationally recognized research and extension program with a focus on understanding the biology of vegetable diseases and their control. A goal of the program will be to develop sustainable, integrated pest management strategies for diseases that will meet the needs of New York's diverse and expanding vegetable industry. The research may emphasize any major group of pathogens that are impacting vegetable production in New York. The individual filling this position will be expected to interact with a statewide multidisciplinary faculty and extension field staff that are committed to developing pest and crop management technologies for vegetable producers. The extension component is expected to utilize modern delivery tools leading to widespread dissemination and implementation of needed vegetable pest

management strategies. Mentoring of graduate students is expected. The successful candidate is expected to obtain external funding to support the program. A Ph.D. degree in plant pathology, with a broad knowledge of disease biology and control is required. In addition, a strong commitment to team-based extension programming along with excellent interpersonal, written, and oral communication skills are necessary. **Salary:** Commensurate with experience. **Closing Date:** April 15, 2002 (This closing date is open until the position is filled). <http://www.nysaes.cornell.edu>. If interested in this position, applicants are to submit hard copies of a letter of application, resume, academic transcripts, and the names and addresses of three references. **Contact:** Dr. George S. Abawi, Department of Plant Pathology, New York State Agricultural Experiment Station, Cornell University, P.O. Box 462, Geneva, NY 14456 USA. Fax: +1.315.787.2389; **E-mail:** GSA1@cornell.edu; **Phone:** +1.315.787.2374. **For online information on this position visit** www.apsnet.org/careers/positions.asp?313.

Assistant Professor

The Department of Plant Science of McGill University invites applications for a tenure-track position in plant science at the assistant professor level, effective summer 2002. The successful candidate will develop a vigorous research and graduate training program in one or more of the following areas: plant pathology, plant disease diagnostic and management, plant-microbe interactions, plant-environment interactions, plant molecular biology and genetics, plant physiology, or plant population dynamics. Candidates must have a Ph.D. degree in a relevant field and will be expected to teach in the areas described above and contribute to interdisciplinary teaching. **Salary:** Competitive and negotiable based on experience. **Closing Date:** March 15, 2002 (This closing date is not adjustable). <http://www.mcgill.ca/plant/positions/>. If interested in this position, please send curriculum vitae, representative publications, statement of research and teaching interests, potential course outline, and three letters of reference. **Contact:** Prof. Suha J.-Hare, McGill University, Department of Plant Science, McGill University, 2111 Lakeshore Rd., Ste-Anne-de-Bellevue, Quebec H9X 3V9 Canada. **For online information on this position visit** www.apsnet.org/careers/positions.asp?317.

Assistant Professor— Bioinformatics/Plant-Microbe Interactions

As part of the Texas A&M University Life Sciences Initiative, The Department of Plant Pathology & Microbiology and the Department of Computer Science invite applications for a tenure-track assistant professor appointment in bioinformatics of plant-microbe interactions. The Department of Plant Pathology & Microbiology will serve as the administrative home for the position. The successful applicant is expected to develop an extramurally funded program with research emphasis on host and/or microbial systems. A demonstrated ability to utilize and develop bioinformatics methods and to interact with computer science and biology faculty is expected. A Ph.D. degree in biological or computational sciences is required. **Salary:** Commensurate with experience. **Closing Date:** March 15, 2002 (This closing date is open until the position is filled). <http://plantpathology.tamu.edu>. If interested in this position, please send a letter of application, transcripts, curriculum vitae, statement of research and teaching interests, and three letters of reference. **Contact:** Chair: Search Committee, Texas A&M University, Department of Plant Pathology & Microbiology, 2132 TAMU, College Station, TX 77843-2132 USA. **Fax:** +1.979.845.6483; **E-mail:** d-ebbole@tamu.edu; **Phone:** +1.979.845.7313. **For online information on this position visit** www.apsnet.org/careers/positions.asp?318.

Interdisciplinary-Research Leader Supervisory Research Plant Pathologist or Supervisory Plant Physiologist or Supervisory Research Geneticist (Plants)

The U.S. Department of Agriculture, Agricultural Research Service, Crops Pathology and Genetics Research located on the campus of the University of California at Davis, CA, invites applications for the position of research leader/location coordinator. The incumbent will be responsible for leading a team of research scientists, as well as conducting independent research, that is focused on diseases of deciduous tree fruit and nut crops, citrus, grapes, strawberries, floral and nursery crops, genetics of rice, and/or sustainable viticulture production systems. Research objectives are to develop new, improved techniques to detect and identify the causal agents associated with these diseases and create approaches that may induce resistance to these pathogens (e.g., induced systemic acquired resistance, gene silencing). A Ph.D. degree or equivalent in plant pathology, plant physiology,

plant genetics (molecular biology), or a closely related field is desired. This is a competitive, permanent appointment and U.S. citizenship is required. **Salary:** GS-14/15 (\$78,623–120,229 per annum, salary commensurate with experience). **Closing Date:** April 1, 2002 (This closing date is not adjustable). If interested in this position, information about the application procedure may be obtained via the ARS website <http://www.afm.ars.usda.gov/divisions/hrd/vacancy/resjob/X2W-2140.htm>. The USDA is an equal opportunity provider and employer. **For online information on this position visit** www.apsnet.org/careers/positions.asp?321.

Head, Department of Plant Pathology and Crop Physiology

The department head has a joint appointment with the LSU Agricultural Center and the LSU A&M College of Agriculture. The primary duty of the department head is to provide leadership for the development of excellence in research, extension, and teaching functions of the Department of Plant Pathology and Crop Physiology. The department head provides leadership in 1) recruiting and facilitating the professional development of faculty, staff, and students, 2) developing short- and long-range goals and strategic plans for the department, 3) developing courses and curricula, 4) managing the department's human, physical, and financial resources, 5) administering state, regional, national, and international programs of the department, 6) establishing a working relationship with directors at regional research and extension centers to support research and extension programs, 7) evaluating the performance of the department's faculty and staff, and 8) promoting individual and departmental excellence. A Ph.D. degree in plant pathology, plant physiology, or closely related field is required. The incumbent should have a record of scholarly achievement in research, extension, and/or teaching warranting appointment to the rank of full professor and demonstrated leadership, management, and administrative skills as well as a national/international reputation in their professional discipline. **Salary:** Commensurate with qualifications and experience. Benefits include retirement, university holidays, earned annual and sick leave, and optional group medical, life, and supplemental insurance. **Closing Date:** May 15, 2002 (This closing date is open until the position is filled). www.lsuagcenter.com. If interested in this position, please include letter of application addressing candidate's qualifications; one page administrative philosophy and vision statement; full resume, academic transcript for terminal degree; names, addresses, and telephone numbers of four references. **Contact:** Dr. Gerard T. Berggren, Jr., Chair, Plant Pathology and Crop

Physiology Department Head Search and Screening Committee, Central Research Station, 2310 Ben Hur Rd., Baton Rouge, LA 70820 USA. **Fax:** +1.225.763.5573; **E-mail:** gberggren@agcenter.lsu.edu; **Phone:** +1.225.765.2876. **For online information on this position visit** www.apsnet.org/careers/positions.asp?322.

Diagnostician/Laboratory Manager

The diagnostician/laboratory manager will be responsible for the plant disease and nematode diagnostic laboratory facilities. The incumbent is expected to develop a strong integrated diagnostic program. This person will be responsible for bringing the laboratories under ISO 25 laboratory compliance. The incumbent will coordinate distance diagnostic efforts and cooperate in extension education activities for agents and clients. The incumbent is expected to process and diagnose samples from turf, landscapes, and agronomic crops and to communicate the results to county agents, industry representatives, and other clients in a timely manner. Documentation of diagnosis will be used for support of extension educational programs, and the incumbent will prepare an annual summary of plant disease diagnostic findings. The incumbent will oversee and maintain laboratory equipment, order necessary lab supplies, prepare materials needed for conducting diagnosis, and maintain laboratory budget. The incumbent will have the opportunity to work on a Ph.D. degree, if qualified, during their tenure at the university. Minimum qualifications include an earned M.S. degree from an accredited institution of higher learning in plant pathology or related area with at least 1 year of diagnostic experience. Excellent verbal and written communication skills are essential. **Salary:** Salary and rank will be commensurate with training and experience. **Closing Date:** March 15, 2002 (This closing date is open until the position is filled). <http://www.msstate.edu/Entomology/ENTPLP.html>. If interested in this position, please send curriculum vitae; official transcripts of post-high school education; names, addresses, and telephone numbers of at least three references; and letter of application, including a detailed statement of interests and goals, as well as ancillary skills. **Contact:** Clarence H. Collison, MSU, Department of Entomology and Plant Pathology, Mail Stop 9775, Mississippi State, MS 39762 USA. **Fax:** +1.662.325.8837; **E-mail:** chc2@ra.msstate.edu; **Phone:** +1.662.325.2086. **For online information on this position visit** www.apsnet.org/careers/positions.asp?324.

Tenure-Track Position in Phytopathology

The Hebrew University of Jerusalem, Faculty of Agricultural, Food and Environmental Quality Sciences, Department of Plant Pathology and Microbiology invites applications for a full-

time tenure-track position in phytopathology, starting October 1, 2002. Applicants should have expertise in basic and applied aspects of phytopathology. The nominated candidate will be expected to conduct original and independent research; to attract external competitive funding; to teach courses (in Hebrew), at the undergraduate and graduate levels, in phytopathology with an emphasis on agricultural aspects; and to supervise graduate students. A Ph.D. degree and postdoctoral research experience in one or more of the above fields is required. Starting rank will be commensurate with qualifications. **Closing Date:** Applications will be considered starting from March 1, 2002. Applications submitted after this date will be considered until the position is filled. Applications should include curriculum vitae, a list of publications, a statement of teaching and research experience, and a two-page description of proposed research activities. Applicants should also arrange to have three letters of recommendation sent on their behalf under separate cover. **Contact:** Prof. J. Katan, Head, Department of Plant Pathology and Microbiology, Faculty of Agricultural Food and Environmental Quality Sciences, P.O. Box 12, Rehovot 76100 Israel. **E-mail:** katan@agri.huji.ac.il; **Phone:** +972.8.9489219; **Fax:** +972.8.9466794.

Research Plant Pathologist

The USDA-ARS, Application Technology Research Unit (ATRU), Wooster, OH, has a permanent, full-time position available for a research plant pathologist. The individual will formulate and implement an integrated and cohesive program with broad objectives to enhance floral quality while reducing the effects of abiotic stress, disease, and pests. As lead scientist, the incumbent will head a new USDA, ARS multidisciplinary research team in collaboration with the University of Toledo in Toledo, OH. Research focuses on the area of disease management of floral crops produced in soilless and/or hydroponic media. The incumbent will develop water management strategies, including improved cultural practices to control the dispersal of and infection by fungal propagules that cause root rot diseases and will develop improved diagnostic procedures using digital light microscopy, electron beam analysis, and other innovative techniques. The incumbent will develop improved uses of growth media with chemical and physical properties that minimize disease development and dispersal of propagules while maximizing nutrient efficiency. With cooperation from the ATRU staff, the incumbent will be expected to develop improved technology for applying reduced-

Classifieds continued on page 38

risk biological fungicides, targeting the most vulnerable stages of pathogen life cycles, enhancing efficacy, reducing conventional fungicide use, and improving profitability for growers. The applicant must have a Ph.D degree in plant pathology or a closely related field with research experience in disease management of floral crops. Applicants must be U.S. citizens. USDA, ARS is an equal opportunity provider and employer.

Salary: Salary ranges for GS-12/GS-13 positions are commensurate with experience and range from \$54,275 to 83,902 per annum.

Closing Date: April 1, 2002 (This closing date is not adjustable). <http://www.ars.usda.gov>. If interested in this position, please send resume, curriculum vitae, official transcripts, optional application for federal employment (OP-612) or SF-171. **Contact:** Ms. Margy Trout, Servicing Specialist, USDA, Agricultural Research Service, Human Resources Division, Western Branch 5601 Sunnyside Avenue, Beltsville, MD 43606 USA. **Fax:** +1.301.504.1535; **E-mail:** scirecruit@ars.usda.gov; **Phone:** +1.301.504.1580. **For online information on this position visit** www.apsnet.org/careers/positions.asp?328. ■

For Sale

Plant Disease Reporter/Plant Disease volumes: 1941 to 1943 and 1951 to 1984 (bound, black covers with gold lettering); unbound copies 1938-1940, 1944, 1949, 1950, 1985-1995 - \$1500 for all. *Phytopathology* volumes: 1936-1978 (bound, aqua covers with gold lettering) \$1000 for all. FOB, Quincy, FL - we will box and ship collect.

Contact Jimmy Rich at
jrich@mail.ifas.ufl.edu.

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APS Journal Articles

Phytopathology

March 2002, Volume 92, Number 3

- The Internet-Based Fungal Pathogen Database: A Proposed Model.
- A Non-Hypersensitive Resistance in Pepper to the Bacterial Spot Pathogen Is Associated with Two Recessive Genes.
- Improved Control of Postharvest Decay of Pears by the Combination of *Candida sake* (CPA-1) and Ammonium Molybdate.
- Ammonia and Nitrous Acid from Nitrogenous Amendments Kill the Microsclerotia of *Verticillium dahliae*.
- Pyricularia grisea* Isolates Causing Gray Leaf Spot on Perennial Ryegrass (*Lolium perenne*) in the United States: Relationship to *P. grisea* Isolates from Other Host Plants.
- Molecular Variability Within *DiaporthePhomopsis helianthi* from France.
- A DNA-Based Procedure for In Planta Detection of *Fusarium oxysporum* f. sp. *phaseoli*.
- Modeling the Risk of Entry, Establishment, Spread, Containment, and Economic Impact of *Tilletia indica*, the Cause of Karnal Bunt of Wheat, Using an Australian Context.
- Genetic Specificity in the White Pine-Blister Rust Pathosystem.
- Histological Characterization of Resistance to *Uromyces viciae-fabae* in Faba Bean.
- Populations of *Phytophthora infestans* in Israel Underwent Three Major Genetic Changes During 1983 to 2000.
- Evidence of Two Formae Speciales in *Venturia inaequalis* Responsible for Apple and Pyracantha Scab.
- Quantifying *Aphanomyces euteiches* in Alfalfa with a Fluorescent Polymerase Chain Reaction Assay.
- Transmission by *Olpidium brassicae* of *Mirafiori lettuce virus* and *Lettuce big-vein virus*, and Their Roles in Lettuce Big-Vein Etiology.

Plant Disease

March 2002 Volume 86, Number 3

- The Latest in Plant Pathology and Nematology.
- An Integrated Approach to Cultivar Evaluation and Selection for Improving Sugar Beet Profitability: A Successful Case Study for the Central High Plains.
- Phytophthora ramorum* as the Cause of Extensive Mortality of *Quercus* spp. and *Lithocarpus densiflorus* in California.
- Association of Mycotoxin and Sclerotia Production with Compatibility Groups in *Aspergillus flavus* from Peanut in Argentina.
- Biological Control of Gray Mold with *Ulocladium atrum* in Annual Strawberry Crops.
- Effects of Cultural Practices and Temperature on *Fusarium* Root and Crown Rot of Container-Grown Hostas.
- Evaluation of Corn Inbreds and Advanced Breeding Lines for Resistance to Aflatoxin Contamination in the Field.

- Resistance to QoI (Strobilurin-like) Fungicides in Isolates of *Pyricularia grisea* from Perennial Ryegrass.
- Establishment and Dispersal of *Puccinia thlaspeos* in Field Populations of Dyer's Woad.
- Optimization of Sample Size and DNA Extraction Methods to Improve PCR Detection of Different Propagules of *Phytophthora infestans*.
- DNA Fingerprinting Analysis of Vegetative Compatibility Groups in *Aspergillus flavus* from a Peanut Field in Georgia.
- The Use of Hierarchical Sampling in the Surveillance Program for *Plum pox virus* Incidence in the United States.
- Influence of Timing of Harvest in Relation to Haulm Killing and Planting Date on Potato Tuber Rot Caused by *Phytophthora infestans*.
- Quantifying Alfalfa Yield Losses Caused by Foliar Diseases in Iowa, Ohio, Wisconsin, and Vermont.
- In Vitro Fungicidal Activity of Acidic Electrolyzed Oxidizing Water.
- Dynamics and Pattern of Latent Infection Caused by *Botryosphaeria dothidea* on Pistachio Buds.
- Virulence Phenotypes of *Puccinia triticina* in the South Atlantic States in 1999.
- Suppression of *Phytophthora* Root and Crown Rot on Pepper Plants Treated with Acibenzolar-S-Methyl.
- Effect of Placement of Inoculum of *Gaeumannomyces graminis* var. *tritici* on Severity of Take-all in Winter Wheat.
- Identification of *Pantoea stewartii* subsp. *stewartii* by PCR and Strain Differentiation by PFGE.
- Reactions of Accessions in the Annual *Medicago* Core Germ Plasm Collection to *Erysiphe pisi*.
- Evaluation of Generalized Linear Mixed Models for Analyzing Disease Incidence Data Obtained in Designed Experiments.
- First Report of *Nectria haematococca* Causing Wilt of Olive Plants in Argentina.
- Occurrence of Bacterial Stripe of Pearl Millet in Georgia.
- First Report of *Peanut stunt virus* in Perennial Peanut in North Florida and Southern Georgia.
- Puccinia abrupta* var. *partheniicola* on *Parthenium hysterophorus* in Southern Africa.
- First Report of *Phytophthora palmivora* on *Coronilla valentina* subsp. *glauca* in Italy.
- First Report of Gray Leaf Spot Caused by *Cercospora zeae-maydis* on Corn in Ontario, Canada.
- First Report of *Botryosphaeria dothidea* and *B. obtusa* on Apple in Bolivia.
- The Association of Begomovirus with Bitter Melon in India.
- First Report of *Phytophthora cryptogea* in Walnut Stands in Italy.
- Occurrence of *Lily mottle virus* in Escarole.
- First Report of *Citrus tristeza virus* in Greece.
- First Report of Powdery Mildew on Azalea Cv. Mollis (*Rhododendron japonicum* × *R. molle*) in Italy.

- First Report of Mixed Infection of *Hop stunt viroid* and *Peach latent mosaic viroid* on Peach.
- First Report of *Bean pod mottle virus* in Soybean in Canada.
- First Report of *Xanthomonas* Leaf Blight of Onion in California.
- First Report of an Aster Yellows Subgroup 16SrI-B *Phytoplasma* Infecting Chayote in Costa Rica.
- First Report of *Phytoplasmas* Infecting Watercress in Hawaii.

MPMI

March 2002, Volume 15, Number 3

- Localization of Melanin in Conidia of *Alternaria alternata* Using Phage Display Antibodies.
- Efficient Infection of *Nicotiana benthamiana* by *Tomato bushy stunt virus* Is Facilitated by the Coat Protein and Maintained by p19 Through Suppression of Gene Silencing.
- Mutation of Three Cysteine Residues in *Tomato yellow leaf curl virus*-China C2 Protein Causes Dysfunction in Pathogenesis and Posttranscriptional Gene-Silencing Suppression.
- Differential Expression Patterns of an Acidic Chitinase and a Basic Chitinase in the Root Nodule of *Elaeagnus umbellata*.
- Azoarcus Grass Endophytes Contribute Fixed Nitrogen to the Plant in an Unculturable State.
- MST12 Regulates Infectious Growth but not Appressorium Formation in the Rice Blast Fungus *Magnaporthe grisea*.
- A Tobacco S-Like RNase Inhibits Hyphal Elongation of Plant Pathogens.
- Rhizobium tropici* Genes Involved in Free-Living Salt Tolerance Are Required for the Establishment of Efficient Nitrogen-Fixing Symbiosis with *Phaseolus vulgaris*.
- Dm3 Is One Member of a Large Constitutively Expressed Family of Nucleotide Binding Site-Leucine-Rich Repeat Encoding Genes.
- Transformation and Transposon Mutagenesis of *Leifsonia xyli* subsp. *xyli*, Causal Organism of Ratoon Stunting Disease of Sugarcane.
- Tombusvirus P19-Mediated Suppression of Virus-Induced Gene Silencing Is Controlled by Genetic and Dosage Features that Influence Pathogenicity.
- Functional Analyses of the Pto Resistance Gene Family in Tomato and the Identification of a Minor Resistance Determinant in a Susceptible Haplotype.
- Molecular Determinants Required for the Avirulence Function of AvrPphB in Bean and Other Plants.

Plant Health Progress

www.planthealthprogress.org

- Seed Borne Late Blight of Potato.
- The History and Diseases of Poinsettia, the Christmas Flower.
- Valor WP Herbicide Provides Convenient Usage for Peanut and Soybean Growers. ■

Calendar of Events

APS Sponsored Events

June 2002

17-20 — **APS Caribbean Division Meeting**. Guatemala City, Guatemala. (Note New Dates: The date for this event has changed from previously published.)

22-24 — **APS Pacific Division Meeting**. San Jose, CA.

July 2002

27-31 — **APS Annual Meeting**. Milwaukee, WI.

October 2002

2-4 — **APS Northeastern Division Meeting**. Bromont, Quebec.

April 2003

6-11 — **43rd Meeting of the APS Caribbean Division, 80th Meeting of the APS Southern Division, and 12th Meeting of the Latin American Association of Plant Pathology**. South Padre Island, TX.

August 2003

9-13 — **APS Annual Meeting**. Charlotte, NC.

29-May 1 — **4th ISTA-PDC Seed Health Symposium**. Wageningen, the Netherlands. Contact Jannie Kramp-Netto, <j.h.kramp-netto@plant.wag-ur.nl>, www.seedcentre.nl/symposium2002.htm

June 2002

8-13 — **Fourth International Congress of Nematology (FICN)**. Tenbel Resort, Tenerife, Canary Islands, Spain. www.ifns.org

16-19 — **Canadian Phytopathological Society Annual Meeting**. Waterton Lakes National Park, Alberta, Canada. www.cps-scp.ca/watertonlakes.htm

16-19 — **XIII Biennial Workshop on Smut Fungi**. Dallas, Texas. Contact: Karen Arthur <karthur@gustafson.com> or Yvette Mouser <ymouser@gustafson.com>, www.gustafson.com

18-19 — **2002 Invasive Species Symposium**. University of California-Davis, Davis, CA. Sponsored by the College of Agricultural and Environmental Science, UCD; UC Division of Agricultural and Natural Resources and UC IPM Program, Department of Entomology UCD, Department of Plant Pathology, UCD and Gamma Sigma Delta, UCD Chapter. <http://conferences.ucdavis.edu>

22-26 — **Mycological Society of America Annual Meeting**. Corvallis, OR. <http://www.erin.utoronto.ca/~w3msa/index.html>

July 2002

11-13 — **Global Initiative on Late Blight (GILB) International Conference—Late Blight: Managing the Global Threat**. Hamburg, Germany. www.cipotato.org/gilb

21-24 — **4th International Wheat Tan Spot and Spot Blotch Workshop**. Bemidji, MN. <http://www.ndsu.nodak.edu/instruct/francl/workshop/index.htm>

27-August 1 — **International Union of Microbiological Societies Congress (joint meeting of the Xth International Congress of Bacteriology and Applied Microbiology, Xth International Congress of Mycology, and XIIth International Congress of Virology)**. Paris, France. www.iums-paris-2002.com

August 2002

4-9 — **First Joint Conference of the International Working Groups on Vegetable Viruses (10th Meeting of IWGVV) and Legume Viruses (16th Meeting of IWGLV)**. Bonn, Germany. <http://www.gsi-bonn.de>

11-17 — **XXVIth International Horticultural Congress**. Toronto, Canada. www.ihc2002.org

September 2002

1-5 — **Barley Yellow Disease: Recent Advances and Futures Strategies**. Organized by CIMMYT - Mexico and University of California, Davis in Mexico. Contact m.henry@cgiar.org or <http://www.cimmyt.cgiar.org>

9-14 — **Conference of European Foundation for Plant Pathology: Disease Resistance in Plant Pathology**. Prague, Czech Republic. Contact: Jaroslav Polak, <EFPP2002@vurv.cz>, www.EFPP.NET

15-19 — **6th International Conference on Pseudomonas syringae Pathovars and Related Pathogens**. Maratea, Potenza, Italy. Contact Nicola Sante Iacobellis <pseudomonassyringae@unibas.it>

16-20 — **International Rice Congress 2002 (IRC2002)**. Beijing, China. www.cgiar.org/irri/irc2002/index.htm

November 2002

4-8 — **3rd Asia-Pacific International Mycological Conference on Biodiversity and Biotechnology (AMC 2002)**. Kunming, China. Contact <amc2002@china.com> ■

Other Upcoming Events

April 2002

6-9 — **Sixth European Conference on Fungal Genetics**. Pisa, Italy. www.agr.unipi.it/ECFG6

17-19 — **Advances in Plant Virology**. Homerton College, Cambridge, England. www.plantsci.cam.ac.uk/plantsci/news/homerton.html

22-June 28 — **Integrated Pest Management Course**. Wageningen, the Netherlands. Contact: H.A.I. Stoetzer <training@iac.agro.nl>, www.iac.wageningen-ur.nl

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