

Phytopathology News

April 2002 • Volume 36 • Number 4

Exchange • Inform • Connect

NEW! Online Voting for APS Officers Coming Soon

Last year, APS members accepted a constitutional change to conduct APS elections online. The change to online balloting has the potential to increase participation and save the society both time and money. So, for the first time, APS members will be able to cast their 2002 vote for APS officers online.

APS members who have given their e-mail address to APS headquarters will receive a broadcast e-mail with instructions for voting online from the election company handling the 2002 APS elections, Survey & Ballot Systems (SBS), Inc. (All members are encouraged to submit their e-mail addresses prior to the election to dkessler@scisoc.org.) A letter will be mailed to members who have not supplied an e-mail address to APS. The letter will provide instructions for voting online. For those members who do not have access to the Internet, a paper ballot can be requested by calling APS headquarters in May.

Members will be able to access the online ballot directly from the e-mail message or by a link from *APSnet*. To ensure the validity of ballots, all members will receive a unique e-signature number. The web interface allows only one vote per individual.

Voting begins May 1, 2002, and will close on May 31, 2002. Watch next month's issue for the slate of candidates and their biographies and make sure to vote online! ■

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A New Resource for Applied Plant Professionals



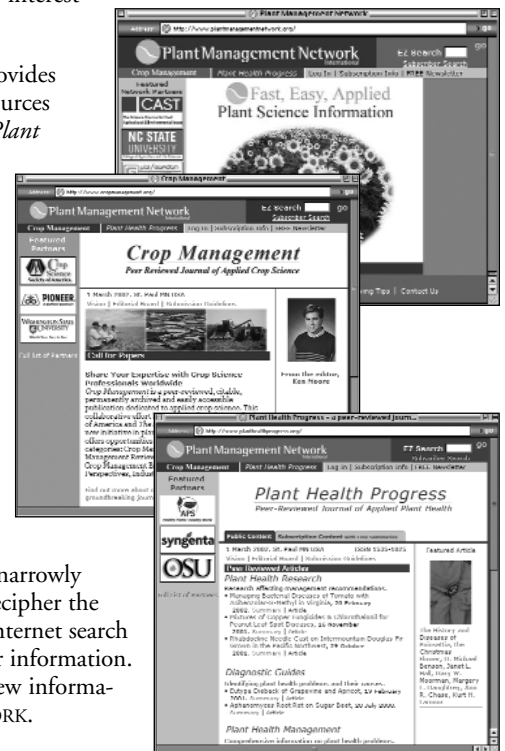
The PLANT MANAGEMENT NETWORK is a new electronic forum representing all disciplines and professional sectors working with applied plant management worldwide. This collaborative effort of scientific societies, academic institutions, industry, and government agencies offers plant practitioners a comprehensive Internet resource for science-based applied information.

The network provides an avenue for partner organizations to channel content to the website from their specific areas of interest. Partners, including universities, public and private companies, and nonprofit societies, contribute fact sheets, newsletters, product listings, training resources, and related information of interest to readers.

The PLANT MANAGEMENT NETWORK also provides peer-reviewed applied research and other resources through the journals that reside on the site. *Plant Health Progress*, in publication nearly two years, has a new look to complement its new home. The latest addition to the network is *Crop Management*. This new companion journal to *Plant Health Progress* focuses on issues related to crop production. Together, *Plant Health Progress* and *Crop Management* will provide the latest information published in applied plant health and crop science.

The network provides readers the option to browse content from the journals as well as search for information provided by partner organizations. Subscribers benefit from an exclusive search function that allows them to narrowly define their search, eliminating the need to decipher the complicated and overwhelming retrievals of Internet search engines and the need to search several sites for information. An electronic newsletter updates readers on new information within the PLANT MANAGEMENT NETWORK.

As the network grows with partners and content, subscribers will increasingly experience the benefits of a fast, easily accessible source of information as well as popular journals for publishing. As one of the driving forces behind this new endeavor, APS strongly encourages each member to contribute to the network by submitting content for the journals, purchasing a subscription, or initiating the involvement of their organization in the Partners Program. Talk with your colleagues and remember to utilize this new resource designed for plant science professionals.



Stay informed. Subscribe to the *PLANT MANAGEMENT NETWORK* by May 31, 2002 to receive the introductory discount.

www.plantmanagementnetwork.org

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Phytopathology News (ISSN 0278-0267) is published monthly by The American Phytopathological Society (APS) at 3340 Pilot Knob Road, St. Paul, MN 55121-2097. Phone: +1.651.454.7250, Fax: +1.651.454.0766, E-mail: aps@scisoc.org, Web: www.apsnet.org. *Phytopathology News* is distributed to all APS members. Subscription price to nonmembers is \$50 U.S./\$60 Elsewhere. Periodicals paid at St. Paul, MN. CPC Intl Pub Mail #0969249. Postmaster: Send address changes to *Phytopathology News*, 3340 Pilot Knob Road, St. Paul, MN 55121-2097.

Submission Guidelines

Address all editorial correspondence to: Stephen A. Johnston, Rutgers University, Ag Research & Ext Center, 121 Northville Road, Bridgeton, NJ 08302-5919, Phone: +1.856.455.3100, Fax: +1.856.455.3133, E-mail: johnston@aesop.rutgers.edu. In order to ensure timely publication of your news items and announcements, please send in material 6 weeks prior to the cover date of submission. Material should be no more than 6 months old when submitted. Submission of materials as electronic files, via e-mail, will speed processing. For information on submitting electronic images contact Agnes Walker at awalker@scisoc.org. Deadline for submitting items for the June issue is April 15, 2002.

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New Plant Disease Senior Editor Named

John Clark Rupe has replaced **Benny Bruton** as a senior editor for *Plant Disease*. Rupe is a professor in the Department of Plant Pathology at the University of Arkansas. He received a B.A. degree in biology from Goshen College in 1973 and a B.S. degree in plant pathology from Colorado State University in 1978. His graduate degrees are from the University of Kentucky. He earned an M.S. degree in plant pathology in 1981, studying the epidemiology of gray leaf spot of corn under **J. R. Hartman** and **M. R. Siegel**, and a Ph.D. degree in 1984, studying the epidemiology of pod and stem blight of soybean under **R. S. Ferriss**. Rupe joined the Department of Plant Pathology of the University of Arkansas as an assistant professor in 1984 and was promoted to associate professor in 1990 and to professor in 2001. His research has focused on diseases of soybean with emphasis on the etiology, epidemiology, and control of sudden death syndrome of soybean. He has conducted research on stem canker, charcoal rot, seedling diseases, *Phytophthora* root rot, frogeye leaf spot, and the soybean cyst nematode. He has published more than 29 refereed journal articles and other publications and 10 book chapters and given 14 invited papers. Rupe has been a member of The American Phytopathological Society since 1978 and has served as secretary/treasurer and president of the Southern Division. He has served on the International Programs (1986–1989), Youth Program (1993–1996), Plant Disease Detection (1996–2000, chair in 1999), and Collections and Germ Plasm (1997–2001, chair in 2000) committees. He also chaired the Plant Disease Management Section of the APS Program Committee (1998), coedited the *Compendium of Soybean Diseases, Fourth Edition* (1999), and served as president of the Southern Soybean Disease Workers (1994). He has reviewed papers for *Plant Disease*, *Phytopathology*, *Plant and Soil*, *Crop Science*, *Crop Protection*, *Mycologia*, and the *Canadian Journal of Microbiology*. ■

Got E-mail?

One of APS's key goals is to keep you informed in the quickest and best way possible. E-mail gives us the opportunity to do just that, with the added bonus of saving the society both time and money. We're currently sending biweekly e-mail News Capsules, important announcements, and legislative alerts. Next month we'll be sending the election announcement via e-mail (see cover story). If you aren't receiving APS News Capsules we don't have your e-mail on file. To begin receiving your e-mail member communications, simply send your e-mail address to APS's **Denise Kessler** at dkessler@scisoc.org. If you do not have e-mail access, rest assured we'll continue to keep you updated through *Phytopathology News*. Should you gain e-mail access in the future, however, don't forget to let us know. ■

Southwide Forest Disease Workshop Held in Florida

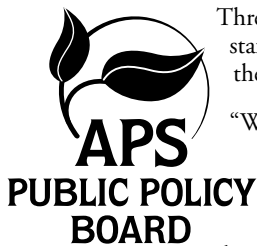
On January 7–9, 2002, members of the Southwide Forest Disease Workshop met in Daytona Beach, FL, to present research and discuss the status of forest diseases in the southeastern United States. Some 45 people representing interests from private, state, federal, and university settings also had an opportunity to view some of the surrounding pest problems at the Lake George and Tiger Bay State Forests, as well as the largest southern pine beetle outbreak in Florida's recorded history in the Ocala National Forest. Outstanding Research Paper awards went to **Scott Enebak** and **Bill Carey** of Auburn University, while the Outstanding Extension Paper went to **Ed Barnard** and **Ernie Ashe** of the Florida Department of Agriculture. The Graduate Student Presentation award went to **Lori Eckhardt** of Louisiana State University. ■



Meeting attendees stopped for lunch at one of the natural springs in the area. The next meeting of the Southwide Forest Disease Workshop will be in North Carolina in June 2003. As information becomes available it will be posted at <http://www.forestry.auburn.edu/enebak/swfdw/swfdw.html>

Public Policy Update

PPB Briefs Congress on APS Efforts to Develop a First Line of Defense for U.S. Crops



Three members of APS met with members of congress and congressional staff on February 28, 2002, to inform them about APS's efforts to protect the world's food supply against possible terrorist attack.

"While there is no evidence that agriculture might be a current target of terrorism, September 11 has made us all more aware of the need to be prepared for any possibility," stated **Jacqueline Fletcher**, Oklahoma State University and APS president-elect.

Fletcher, along with colleagues **O.W. Barnett**, North Carolina State University and director of the APS Public Policy Board, and **Larry Madden**, Ohio State University and former chair of APS's Emerging Plant Diseases and Pathogens Committee, discussed biosecurity issues regarding the nation's crops and the role that science and technology can play in protecting the food supply. **Claire Fraser**, president of the Institute for Genomic Research and a leader in microbial genomics and biosecurity issues, joined APS leaders in providing the briefing.

APS planned the briefing to provide Congress with needed information as they develop public policy and funding initiatives in this area. In developing the briefing, APS's legislative consultant, **Kellye Eversole** worked with **Karin Lohman** of the House Science Committee and **Peter Dees** of the Senate Governmental Affairs Committee.



Jacque Fletcher presents APS biosecurity recommendations to congressional staff.



Congressman Nick Smith (R-MI) welcomed the congressional staff and introduced the briefing.

"We were able to provide attendees with information on the types of terrorist activities that could threaten the world's crops, how well prepared we are for such a possibility, what is needed to make us better prepared, the genomics revolution and biosecurity, and what APS is currently doing to help protect world agriculture," said Fletcher. "The participants were very supportive and appreciative of this interaction."

Congressman **Nick Smith** (R-MI); **Caird Rexroad** and **Judy St. John**, Agricultural Research Service; **Floyd Horn**, Office of Homeland Security; **Dan Drell** and **Greg Dilworth**, Department of Energy; and **Anne Lichens-Park**, National Research Initiative were just a few of the more than 50 individuals in attendance.

The white paper "American Phytopathological Society: The First Line of Defense—Biosecurity Issues Affecting Agricultural Crops & Communities: Genomics, Biotechnology, & Infrastructure" was distributed to the audience and is available for review at <http://www.apsnet.org/media/ps/BiosecurityWhitepaper2-02.pdf>.

"Our recommendations included a request for \$25 million in new funding for genomics of plant pathogens, electronically upgrading our national diagnostic clinics for rapid sharing of new information on plant disease outbreaks and investigation into the development of a National Center for Plants similar to the Center for Disease Control," said Fletcher. "We hope this initial briefing can help get these recommendations one step closer to reality."

In addition to this briefing, PPB also recently supported **Paul Backman**, Penn State University and member of the Emerging Pathogens and Threats Committee, to represent APS's position on plant pathogens as agents of bioterrorism at a Congressional Forum for the House and Senate Agriculture committees, which was sponsored by CoFARM.

For a comprehensive listing of APS Crop Biosecurity efforts visit <http://www.apsnet.org/media/biosecurity.asp>. ■

Meetings

Foods for Health Conference, May 19–21, 2002, Minneapolis, Minnesota

From "edible vaccines" to nutritionally enhanced items designed to prevent disease, agriculture today promises a healthier future for everyone. Integrating medicine with food will be the focus of the Foods for Health Conference, May 19–21, 2002, in Minneapolis, MN. Hosted by the University of Minnesota's College of Agricultural, Food and Environmental Sciences and the Academic Health Center, this national agricultural biotechnology conference brings together nationally renowned food and health scientists with ethicists and consumer experts. To register, or for details on the conference, program, and speakers, go to www.coafes.umn.edu/nabc2002 or call 612.625.6710. ■

Important APS Dates

April 2002

30 Frank L. Howard Undergraduate Fellowship Award Applications Due (send materials to Melissa B. Riley)

May 2002

1-31 APS Online Officer Election Open

June 2002

7 Advance Registration Deadline for reduced rates on APS Annual Meeting in Milwaukee



Applications Requested for Frank L. Howard Undergraduate Fellowship Awards



Frank L. Howard

The APS Foundation; the colleagues, friends, and students of **Frank L. Howard**; and the APS Teaching Committee are pleased to announce the establishment of the Frank L. Howard Undergraduate Fellowship for undergraduate research.

Information regarding the availability of this award, its specific guidelines and criteria, and the application process can be found on *APSnet* at www.apsnet.org/members/foundation/apsundergrad.asp. This award has been established to encourage the involvement of undergraduate students in plant pathology research and to encourage students to pursue advanced degrees and careers in plant pathology.

An award of \$1,000 will be made for support of undergraduate research to be conducted over one summer or school term. The funds may be used for a stipend and/or to help defray research budget expenses. The first award will be made for a period during summer 2002 or an academic school term during the 2002–2003 school year.

Undergraduate students are encouraged to apply immediately because the **deadline is April 30, 2002**. Applicants must be enrolled as full-time, degree-seeking students. Students are not required to be in a plant pathology major, but they should be in a related field or area of biological sciences. See website for specific guidelines.

Completed application packages should be forwarded to: **Melissa B. Riley**, Department of Plant Pathology and Physiology, 120 Long Hall, Clemson University, Clemson, SC 29634; phone: 864.656.0580, fax: 864.656.0274, e-mail: mb Riley@clemson.edu. Selection will be made by a committee composed of members of the APS Teaching Committee and an APS Foundation representative. ■



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 June 2002 issue is May 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.

Plant Pathologist

Frito-Lays' Agricultural Operations and Development Division in Rhinelander, WI, has an immediate opening for a plant pathologist position. The incumbent will work closely with the Potato Breeding program to develop and conduct resistance screening of promising potato germplasm for the purpose of commercial crop development. The incumbent will implement established procedures and develop novel screening techniques, coordinate in-house and off-site testing, and manage and conduct field, greenhouse, and laboratory trials. The successful applicant will collaborate with the Rhinelander Research Team, Frito-Lay growers, and the International Agricultural Team to identify and resolve pathology issues, as well as assess, troubleshoot and develop disease management strategies in commercial potatoes in storage and in the field. Must have M.S. or Ph.D. degree in plant pathology or related scientific discipline and at least 5 years experience applying the principles and techniques of plant pathology. The incumbent must have an effective understanding of the biology, epidemiology, and control of known and

emerging pathogens of potato and be able to develop crop management strategies. Must be self-motivated, goal oriented, and have a hands-on approach, and be able to design, plan, and conduct projects independently as well as in a team environment. Must be able to perform appropriate statistical analysis, interpret and summarize data, and prepare reports. **Salary:** Salary is commensurate with individual candidate's experience and qualifications plus cost of living adjustment and benefits. **Closing Date:** May 11, 2002 (This closing date is open until the position is filled.) **Contact:** Cheryl Campbell, Frito-Lay, Inc., 4295 Tenderfoot Road, Rhinelander, WI 54501 USA. **Fax:** 715.365.1604, **E-mail:** cheryl.campbell@fritolay.com, **Phone:** 715.365.1612. **For more information on this position visit:** <http://www.apsnet.org/careers/positions.asp?329>

Graduate Assistantship, M.S. level

A graduate assistantship is available in the Department of Plant Pathology at North Dakota State University (NDSU) for a student to evaluate different fungicide-based disease management strategies in hard red spring wheat production. The primary objective of the study is to evaluate which management strategy provides the highest economic return for producers in this region. This project is a collaborative effort with the Northwest Research and Outreach Center (NWROC) of the University of Minnesota in Crookston. Class work will be completed at NDSU in Fargo, while research will be conducted in the summer months at NWROC in Crookston, MN. A B.S. or B.A. degree from an accredited institution and acceptance into the Graduate School at North Dakota State University is required. TOEFL scores for international applicants also required. Interest in field work is preferred. <http://www.ndsu.nodak.edu/plantpath/> **Salary:** \$15,500/year plus tuition waiver. **Closing Date:** May 10, 2002 (This closing date is open until the position is filled.) Send letter of interest, academic credentials, and transcript. **Contact:** Dr. Marcia McMullen, North Dakota State University, Department of Plant Pathology, Walster Hall, Rm 303, Fargo, ND 58105 USA. **Fax:** 701.231.7851, **E-mail:** mmcmulle@ndsuext.nodak.edu, **Phone:** 701.231.7627. **For more information on this position visit:** <http://www.apsnet.org/careers/positions.asp?333>

Cooperative Extension Farm Advisor-Orchard Systems (2 Positions)

The University of California, Division of Agriculture and Natural Resources, Cooperative Extension, is seeking career-track academic candidates to address research and educational programs for tree crop pro-

People

Holly S. J. Kearns recently completed the requirements for the M.S. degree in plant pathology from the Department of Bioagricultural Sciences and Pest Management, Colorado State University, Fort Collins. Kearns' thesis "Black Stain Root Disease in Pinyon-Juniper Woodlands of Southwestern Colorado" was completed under the direction of **W. R. Jacobi**. Kearns is currently pursuing a Ph.D. degree in plant pathology under the direction of Jacobi with a research focus on white pine blister rust.



Stephen Neate

Stephen Neate joined the Department of Plant Pathology at North Dakota State University, Fargo, in November 2001 as an associate professor. He will be responsible for research programs on major barley diseases of the region and for teaching graduate-level classes in host-parasite genetics. Neate received his graduate degree from the University of Adelaide and had been a research scientist with Australia's Commonwealth Scientific and Industrial Research Organization (CSIRO) since 1984. Recently, he was their project leader for management and ecology of soil organisms and

Classifieds continued from page 44

ducers and allied industries. The positions will provide applied research and extension education programs across a spectrum of tree crop issues relating to orchard systems, including preservation of the resource base, production efficiency, environmental stewardship, and economic viability. Academic appointees in UC Cooperative Extension are responsible for conducting a balanced program composed of extending knowledge and information, conducting applied research, maintaining professional competence, involvement in university and public service, and assuring outreach and diversity efforts in program development and delivery. A M.S. degree in horticulture or plant/crop sciences or a related discipline is required. Knowledge of orchard systems and issues is highly desirable, including specific knowledge of pomology. Field experience and course work in pest management is desirable. Knowledge of agricultural economics, marketing, precision agriculture, and soil and water science is desirable. Excellent communication skills to work effectively with a diverse group of people are essential. **Salary:** Beginning salary will be in the UC

program leader for the Australian Grains Research and Development Corporation's National *Rhizoctonia* Control Program. He currently is chair of the ISPP *Rhizoctonia* subject matter committee.

Retirement

Don E. Mathre retired December 31, 2001, from his position as professor of plant pathology in the Department of Plant Sciences and Plant Pathology at Montana State University. Mathre joined MSU in 1967 after serving on the faculty of the University of California-Davis for three years. He spent the remainder of his career at MSU. Educated in botany at Iowa State University (B.S. degree 1960), he went west for his Ph.D. degree in plant pathology from UC-Davis (1964). Mathre divided his time between undergraduate teaching of introductory plant pathology and mycology and research on various aspects of small-grain diseases. This work spanned all aspects of pathology, from the ecology of soilborne fungi, e.g., *Cephalosporium gramineum*, to epidemiology of ergot (*Claviceps purpurea*) on male-sterile wheat and barley, to biocon-



Don Mathre

trol of the take-all pathogen (*Gaeumannomyces graminis* var. *tritici*). Perhaps his most satisfying work dealt with the wheat dwarf bunt fungus (*Tilletia controversa*). When the Chinese embargoed wheat shipments from the United States in the 1970s, Mathre became involved with a team of scientists who worked to try to resolve the issue of whether the dwarf bunt fungus posed a serious threat to Chinese agriculture. This culminated in 2001 when the United States signed an agreement with the Chinese to allow modest amounts of inoculum to be introduced in wheat shipments, opening up wheat trade with the Chinese, hopefully into the future. During his career, Mathre was also involved in administration, serving as head of the Plant Pathology Department from 1987 through 1998, with an interim time spent as associate dean for research in the College of Agriculture from 1990 through 1993. Mathre also served APS in a variety of ways and served on APS Council for 11 years from 1980 through 1991 and as APS president in 1989. During his term on council planning and fund raising occurred to add on to the original headquarters building. Currently, he is serving as chair of the APS Foundation Board. In retirement, Mathre is spending more time on his gardening and fishing interests, as well as consulting on commercial mushroom production. He can be reached at upldm@montana.edu. ■

Cooperative Extension Assistant Advisor rank, DOQ. See CE Advisors salary scale at <http://www.ucop.edu/acadadv/acadpers/tab0102/table33.pdf> **Closing Date:** May 3, 2002 (This closing date is open until the position is filled.) The full position vacancy announcement and required application are available at <http://cwr.ucdavis.edu>. Complete packets must be received by May 3, 2002. Refer to position #ACV 02-01 and/or #ACV 02-02. AA/EOE. **Contact:** Nancy F. Tilly, University of California, DANR Cooperative Extension, Central Valley Region, 9240 S. Riverbend Ave., Parlier, CA 93648 USA. **Fax:** 559.646.6513, **E-mail:** ntilly@uckac.edu, **Phone:** 559.646.6533. **For more information on this position visit:** <http://www.apsnet.org/careers/positions.asp?337>

Cooperative Extension Farm Advisor-Rice Farming Systems

The University of California, Division of Agriculture & Natural Resources, Cooperative Extension, is seeking a career-track academic candidate to address the research and educational needs of the rice industry in the four county area of service. Major issues relate to the sustainability of

rice cropping systems and impacts on the environment. The incumbent will provide leadership in addressing these issues by developing and extending information that optimizes rice productivity. The focus will be on pest management technologies, maximizing net farm income, conserving natural resources, and safeguarding the environment. The incumbent will assure outreach and diversity efforts in development and delivery of programs. There is potential for life-long learning while helping people develop and apply science-based information. The position requires a minimum of a M.S. degree in agronomy or crop sciences, including pest management, environmental sciences, or agricultural engineering with a strong emphasis on agronomy. Field experience and/or course work in natural resources, air, soil, and water disciplines are desirable. **Salary:** Beginning salary in the CE Assistant Advisor rank to Full Advisor, Step I, DOQ. Please refer to the UC website: <http://www.ucop.edu/acadadv/acadpers/tab0102/table33.pdf> for full salary information. **Closing Date:** April 30, 2002 (This

Classifieds continued from on page 46

closing date is open until the position is filled.) For full consideration, complete application packet must be received by April 30, 2002. Open until filled. Refer to position #ACV 00-06-R3. AA/EOE. <http://cvt.ucdavis.edu>. **Contact:** Nancy F. Tilly, University of California, DANR Cooperative Extension, Central Valley Region, 9240 S. Riverbend Ave., Parlier, CA 93648 USA. **Fax:** 559.646.6513, **E-mail:** ntilly@uckac.edu, **Phone:** 559.646.6533. **For more information on this position visit:** <http://www.apsnet.org/careers/positions.asp?338>

Research Support Scientist I or II (only one position available)

The successful applicant will be responsible for conducting research on root diseases of wheat and barley, including screening for resistance, determining the principal disease constraints to wheat and barley production under direct seeding in Idaho, and evaluating cultural and chemical practices in the control of root diseases of wheat and barley. Required qualifications for the research support scientist I position include an M.S. degree in plant pathology or closely related field with research experience in diseases of agronomic or horticultural crops, good written and oral communication skills, demonstrated ability to work cooperatively with both colleagues and clientele, and demonstrated skills with computer software and hardware. Qualifications for the research support scientist II position additionally require experience approximately equivalent to five years at the research support scientist I level. Applicants should have demonstrated experience in research on root diseases of wheat and barley, disease diagnosis, operation of farm equipment, and use of SAS and graphics programs. Only one position will be filled. www.uidaho.edu/ag/plantdisease/ **Salary:** Starting salary if hired at the research support scientist I level is paygrade I (\$29,244.80 to 35,006.40), while starting salary if hired at the research support scientist II level is paygrade J (\$31,720.00 to \$36,004.80), depending upon qualifications. **Closing Date:** April 15, 2002 (This closing date is open until the position is filled.) Complete application includes letter of application, curriculum vitae, academic transcripts, and three letters of recommendation with e-mail and/or phone numbers. **Contact:** Human Resource Services (Job No. C02-012), University of Idaho, P.O. Box 444332, Moscow, ID 83844-4332 USA. **Fax:** 208.885.3602, **E-mail:** hrs@uidaho.edu (for questions, only), **Phone:** 208.885.3609. **For more information on this position visit:** <http://www.apsnet.org/careers/positions.asp?339>

Graduate Research Assistantships

Four graduate research assistantships are available in the Department of Plant Pathology & Physiology, Clemson University, Clemson, SC (pppweb.clemson.edu). An assistantship is available in precision agriculture, variable rate applications of nematicides, and the relationship of soil type to nematode distribution. This is a field-oriented project. **Contact:** John Mueller, Edisto Research & Education Center, P.O. Box 247, Blackville, SC 29817, **Phone:** 803.284.3343, **E-mail:** jmlr@clemson.edu. A research assistantship or postdoctoral appointment is available to study plant-parasitic nematodes on sod farm turfgrass. The project is applied and will involve population studies, ecology, and management methods. **Contact:** Bruce Martin, Pee Dee REC, 2200 Pocket Road, Florence, SC 29506, **Phone:** 843.669.1912 x234, **E-mail:** sbmrtn@clemson.edu. A Ph.D. assistantship is available to study etiology and management of root diseases of tomato in nonfumigated soil. **Contact:** Anthony Keinath, Coastal Research & Education Center, 2865 Savannah Highway, Charleston, SC 29414, **Phone:** 843.766.3761, **E-mail:** tknth@clemson.edu. An M.S. or Ph.D. assistantship is available to study the genetics and biological control of *Armillaria tabescens* on peach. **Contact:** Guido Schnabel, Dept. Plant Pathology & Physiology, 218 Long Hall, Box 340377, Clemson, SC 29634-0377, **Phone:** 864.656.6705, **E-mail:** schnabe@clemson.edu. **For more information on this position visit:** <http://www.apsnet.org/careers/positions.asp?340>

Head, Department of Soil, Water & Climate

The University of Minnesota is looking for a department head with the vision, energy, and enthusiasm to lead multidisciplinary faculty in the 21st century; represent the department within the college and university and to wider community, scientific, and government organizations; provide visionary leadership in establishing department priorities and goals, including cross-disciplinary or interdepartmental programs; facilitate periodic review of research, teaching, and extension programs and goals; manage budgets and resources, including personnel, space, and equipment; foster creative and productive interaction among faculty, staff, and students; lead recruitment and mentoring of faculty; conduct performance evaluations of faculty and staff; determine faculty salaries (in conjunction with the college dean); direct department promotion and tenure process. The position requires an earned Ph.D. degree in soil science, environmental sciences, atmospheric science, or related field; 8 years of professional experience; demonstrated achievement in research and teaching/outreach; demonstrated ability to secure pro-

grammatic funding; effective organizational and communication skills; meet requirements for tenure as full professor within the department. <http://www.soils.umn.edu/> **Salary:** To be negotiated. **Closing Date:** May 13, 2002 (This closing date is not adjustable.) Send CV, two- to three-page statement of interests and vision related to position, names, e-mail addresses, and phone numbers of five references. **Contact:** Burle Gengenbach, Department of Agronomy & Plant Genetics, University of Minnesota, 1991 Upper Buford Circle, 411 Forlaug Hall, St. Paul, MN 55108 USA. **Fax:** 612.625.1268, **E-mail:** burle@umn.edu, **Phone:** 612.625.8761. **For more information on this position visit:** <http://www.apsnet.org/careers/positions.asp?341>

Post-Doctoral

The Department of Plant Pathology in the College of Agricultural and Environmental Sciences at the University of Georgia is seeking a post-doctoral candidate to conduct investigations on the fundamental biology of tospoviruses (*Tomato spotted wilt virus*, *Impatiens necrotic spot virus*) found in peanut in the southeastern United States. The incumbent will be part of a multidisciplinary group conducting fundamental and applied research on mitigating the impact of tospoviruses on cropping systems in the southeastern United States. Current work of the group ranges from virus epidemiology to aspects of host-pathogen interactions. Position is for one year with availability of second year of appointment based on performance. A Ph.D. degree in plant pathology or related area is required. Research experience in basic and applied aspects of plant virology is preferred. Excellent verbal and written communication skills are essential. www.plant.uga.edu **Salary:** Competitive. **Closing Date:** May 1, 2002 (This closing date is open until the position is filled.) For full consideration, applications must be received by May 1, 2002, which consists of a curriculum vitae inclusive of a list of publications and other documentation of scholarly achievement, other information that reflects professional accomplishment, transcripts of course work, a statement of research interests related to current needs in research on tospoviruses (not to exceed two pages), reprints of selected publications, and letters received directly from three professional references. Information required must be sent by surface or air carrier, not by fax or e-mail. **Contact:** Albert Culbreath, Department of Plant Pathology, The University of Georgia, 174 Plant Science Building, Coastal Plain Experiment Station, Tifton, GA 31793 USA. **Fax:** 229.386.7415, **E-mail:** spotwilt@tifton.cpes.peachnet.edu, **Phone:** 229.382.2264. **For more information on this position visit:** <http://www.apsnet.org/careers/positions.asp?349> ■

Phytopathology

April 2002, Volume 92, Number 4

- Association with the Syndrome "Basses Richesses" of Sugar Beet of a Phytoplasma and a Bacterium-Like Organism Transmitted by a *Pentastiridius* sp.
- Cytological Aspects of Compost-Mediated Induced Resistance Against Fusarium Crown and Root Rot in Tomato.
- Factors Affecting Germination of *Puccinia jaceae* var. *solstitialis* Teliospores from Yellow Starthistle.
- Induction of Resistance to *Penicillium digitatum* in Grapefruit by the Yeast Biocontrol Agent *Candida oleophila*.
- Inhibition of Fungal Spore Adhesion by Zosteric Acid as the Basis for a Novel, Nontoxic Crop Protection Technology.
- Morphological, Pathogenic, and Molecular Characterization of *Alternaria* Isolates Associated with Alternaria Late Blight of Pistachio.
- Survival of *Xanthomonas axonopodis* pv. *citri* in Leaf Lesions Under Tropical Environmental Conditions and Simulated Splash Dispersal of Inoculum.
- Geo-Referenced Spatiotemporal Analysis of the Urban Citrus Canker Epidemic in Florida.
- Interactions of *Peronospora tabacina* with Roots of *Nicotiana* spp. in Gnotobiotic Associations.
- Biometric Analyses of the Inheritance of Resistance to *Didymella rabiei* in Chickpea.
- A Gene-for-Gene Relationship Between Wheat and *Mycosphaerella graminicola*, the Septoria Tritici Blotch Pathogen.
- Response of Hard Red Winter Wheat to *Soilborne wheat mosaic virus* Using Novel Inoculation Methods.
- Diversity Among Isolates of *Bean pod mottle virus*.

Plant Disease

April 2002 Volume 86, Number 4

- The Latest in Plant Pathology and Nematology. An Integrated Pest Management System in Germany for the Control of Fungal Leaf Diseases in Sugar Beet: The IPM Sugar Beet Model.
- Influence of Wound Type and Storage Duration on Susceptibility of Sweetpotatoes to *Rhizopus* Soft Rot.
- Management of Late Leaf Spot of Peanut with Benomyl and Chlorothalonil: A Study in Preserving Fungicide Utility.
- Factors Associated with Foliar Disease of Staked Fresh Market Tomatoes Grown Under Differing Bed Strategies.
- Effect of Metalaxyl Resistance and Cultivar Resistance on Control of *Phytophthora nicotianae* in Tobacco.
- Survey Methods for Assessment of *Citrus tristeza virus* Incidence in Urban Citrus Populations.
- Relative Competitiveness and Virulence of Four Clonal Lineages of *Cephalosporium maydis* from Egypt Toward Greenhouse-Grown Maize.

- Control of Root and Stem Rot of Cucumber, Caused by *Fusarium oxysporum* f. sp. *radicis-cucumerinum*, by Grafting onto Resistant Rootstocks.
- Virulence of *Blumeria graminis* f. sp. *tritici* Populations in Morocco.
- Influence of Inoculum Density of *Fusarium oxysporum* f. sp. *cyclaminis* and Sodium Chloride on Cyclamen and the Development of Fusarium Wilt.
- Sensitivity to Azoxystrobin Among Isolates of *Uncinula necator*: Baseline Distribution and Relationship to Myclobutanil Sensitivity.
- Evaluation of Composts for Suppression of Dollar Spot (*Sclerotinia homoeocarpa*) of Turfgrass.
- Inoculation with Nonpathogenic *Fusarium solani* Increases Severity of Pea Root Rot Caused by *Aphanomyces euteiches*.
- Etiology and Host Range of a *Closterovirus* Associated with Plum Bark Necrosis-Stem Pitting Disease.
- Species Delimitation and Host Specialization of *Ceratocystis laricicola* and *C. polonica* to Larch and Spruce.
- Different Reactions to the Wheat Curl Mite and *Wheat streak mosaic virus* in Various Wheat-*Haynaldia villosa* 6V and 6VS Lines.
- Screening Common Bean (*Phaseolus vulgaris*) for Resistance to *Tomato yellow leaf curl virus*.
- Distribution of *Aspergillus* Section Flavi among Field Soils from the Four Agroecological Zones of the Republic of Bénin, West Africa.
- First Record of Botrytis Flower Blight Caused by *Botrytis cinerea* on Geraldton Waxflower in South Africa.
- First Report of *Glomerella cingulata* on Common Guava in Argentina.
- First Report of Zonate Leaf Spot of *Vigna vexillata* var. *tsusimensis* Caused by *Cristulariella moricola*.
- First Report of *Phoradendron breedlovei* in Honduras.
- First Record of *Meloidogyne partityla* on Pecan in Georgia.
- Report of Root Rot Caused by *Pythium* F-Group on Hydroponically Grown Celery in South Africa.
- Sudden Oak Death Caused by *Phytophthora ramorum* in Oregon.
- First Report of *Phytophthora cinnamomi* on *Quercus laurifolia*.
- Phyctema vagabunda* Isolated from Coin Canker of Ash Trees in Michigan.
- Coryneum Twig Canker on Southern Live Oak in Florida.
- First Confirmation of *Phytophthora quercina* on Oaks in Asia.
- First Report of *Rhizoctonia oryzae* on Pea.
- First Report of Bacterial Fruit Blotch of Watermelon Caused by *Acidovorax avenae* subsp. *citrulli* in Illinois.
- First Report of Oat as Host of a Phytoplasma Belonging to Group 16SrI, Subgroup A.
- First Report of a Wilt and Stem Rot of Muskmelon and Watermelon Transplants Incited by *Pseudomonas cichorii* in Serbia.

Cynoglossum officinale, a New Natural Host of *Alfalfa mosaic virus*.

- Association of a Monopartite Begomovirus Producing Subgenomic DNA and a Distinct DNA Beta on *Croton bonplandianus* Showing Yellow Vein Symptoms in Pakistan.
- Occurrence of a Severe Strain of *Lisianthus necrosis virus* in Imported Carnation Seedlings in Taiwan.

MPMI

April 2002, Volume 15, Number 4

- The Biotrophic, Non-Appressorium-Forming Grass Pathogen *Claviceps purpurea* Needs a *Fus3/Pmk1* Homologous Mitogen-Activated Protein Kinase for Colonization of Rye Ovarian Tissue
- Lotus japonicus* Gene *Ljsbp* Is Highly Conserved Among Plants and Animals and Encodes a Homologue to the Mammalian Selenium Binding Proteins
- Pseudomonas* Lipodepsipeptides and Fungal Cell Wall-Degrading Enzymes Act Synergistically in Biocontrol
- Isolation and Identification of a Phosphate Deficiency-Induced C-Glycosylflavonoid that Stimulates Arbuscular Mycorrhiza Formation in Melon Roots
- Autoregulation of Root Nodule Formation: Signals of Both Symbiotic Partners Studied in a Split Root System of *Vicia sativa* subsp. *nigra*
- Identification of a Family of Extensinlike Glycoproteins in the Lumen of *Rhizobium*-Induced Infection Threads in Pea Root Nodules
- Identification of a cDNA from the Arbuscular Mycorrhizal Fungus *Glomus intraradices* That Is Expressed During Mycorrhizal Symbiosis and Upregulated by N Fertilization
- Analysis of *Mesorhizobium loti* Glycogen Operon: Effect of Phosphoglucosyltransferase and Glycogen Synthase Null Mutants on Nodulation of *Lotus tenuis*
- Expressed Sequence Tags from Roots and Nodule Primordia of *Lotus japonicus* Infected with *Mesorhizobium loti*
- Pathogen Challenge, Salicylic Acid, and Jasmonic Acid Regulate Expression of Chitinase Gene Homologs in Pine
- Rhizobium leguminosarum* bv. *trifolii* PssP Protein Is Required for Exopolysaccharide Biosynthesis and Polymerization
- Virulence Genes of the Phytopathogen *Rhodococcus fascians* Show Specific Spatial and Temporal Expression Patterns During Plant Infection
- An *Arabidopsis thaliana* Pectin Acetyltransferase Gene Is Upregulated in Nematode Feeding Sites Induced by Root-Knot and Cyst Nematodes

Plant Health Progress

www.planthealthprogress.org

- Managing Bacterial Diseases of Tomato with Acibenzolar-S-Methyl in Virginia.
- Consider Soil Conditions and Other Factors when Selecting Soybean Seeding Rates. ■

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.

March 2003

16-19 — **Potomac Division with Eastern Branch of Entomological Society of America.** Harrisburg, PA.

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.

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 Fungus.** Dallas, Texas. Contact: Karen Arthur <karthur@gustafson.com> or Yvette Mouser <yvmouser@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. www.erin.utoronto.ca/~w3msa/index.html

July 2002

2-5 — **XXIX International Congress of the Mexican Phytopathological Society.** Monterrey, Mexico. Contact Guillermo Fuentes-Dávila <g.fuentes@cgjar.org>

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. 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. www.gsi-bonn.de

4-9 — **Innovative Solutions for Healthy Crops.** 10th IUPAC International Congress on the Chemistry of Crop Protection. Basel, Switzerland. www.syngenta.com/iupac2002/

11-17 — **XXVth 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 Californ-ia, Davis in Mexico. Contact <m.henry@cgjar.org> or www.cimmyt.cgjar.org

9-11 — **3rd International Symposium on the Molecular and Cellular Biology of Bananas.** Leuven, Belgium. Contact <g.moffatt@cgjar.org> www.inibap.org/actualities/molecular_eng.htm

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.cgjar.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>

5-8 — **The First International Conference on Tropical and Subtropical Plant Diseases.** Chiang Mai, Thailand. Contact Sutruedee Prathuangwong <amara@doa.go.th>, <wantane@doa.go.th>, or <agrsdp@nontri.ku.ac.th> www.disc.doa.go.th/diseases

18-21 — **The BCPC Conference: Pests & Diseases 2002.** Brighton, United Kingdom. www.bcpc.org ■

Other Upcoming Events

May 2002

19-21 — **Foods for Health Conference.** Minneapolis, MN. Hosted by the University of Minnesota's College of Agricultural, Food and Environmental Sciences, and the Academic Health Center. www.coafes.unm.edu/nabc2002

June 2002

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

Phytopathology  **News**

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