

INSIDE

- 2** [CS Update](#)
[Frost appointed REC associate director](#)
- 3** [Employment opportunities](#)
[Kearney Foundation calls for proposals](#)
[CAES celebrates 20 years](#)
- 4** [Names in the news](#)
- 5** [Master Gardener handbook revised](#)
[Retirement: Phillips](#)
[In memoriam: Bowers, Bethell](#)
- 6** [ANR Orientation tour photos](#)

Putnam and Paine named program leaders

Daniel Putnam and Timothy D. Paine have been appointed statewide program leaders.

Putnam, a UC Davis Cooperative Extension agronomy specialist, will begin a three-year term as program leader for agricultural productivity, effective July 1.



Daniel Putnam

Putnam, who joined UC in 1993, has statewide responsibilities for forage crops, particularly alfalfa. He conducts research on forage quality and utilization, irrigation, genetic improvement and crop management with alfalfa and other forage crops. He also has a strong interest in development of new crops and biofuels and has recently started projects on switchgrass, *Miscanthus*, and other cellulosic biofuels.

He is chair of the California Alfalfa Workgroup and the California Alfalfa Symposium.

Before moving to UC Davis, he conducted research on new crops and taught at the University of Minnesota.

—Continued on page 2

Baldwin named CNAS dean

Thomas O. Baldwin has been named dean of the UCR College of Natural and Agricultural Sciences, effective July 1.

Baldwin, 61, currently is head of the Department of Biochemistry & Molecular Biophysics at the University of Arizona, where he founded the Institute for Biomedical Science and Biotechnology, serving as its director from 2000 through 2003.

He is best known for his more recent work on “protein folding,” the biochemical process, vitally important to all of life’s processes, by which a protein assumes its three-dimensional structure. Protein misfolding leads to numerous disease states, including prion diseases such as “mad cow disease,” Alzheimer’s, Huntington’s and Parkinson’s diseases.

Research in his lab has exploited the bacterial bioluminescence system, the collection of genes that allow certain marine bacteria to emit light, as an experimental tool to study a variety of biological principles. Baldwin is well known for cloning of the bioluminescence genes from these bacteria and for transferring the bioluminescence characteristics into the common laboratory bacterium *E. coli*.

A native of Mississippi, Baldwin received his bachelor’s degree in chemistry and doctoral degree in zoology, both from the University of Texas, Austin. He

received postdoctoral training at Harvard University and began his academic career in biochemistry at the University of Illinois,

Urbana. In 1981, he moved to Texas A&M University, rising through the ranks to professor. He has worked at the University of Arizona since 1999.

The recipient of numerous awards for scholarship and research, including a Fulbright Scholarship and a Fogarty Senior International Fellowship, he was recognized as a Faculty Fellow for excellence in science and academic leadership by Texas



Thomas Baldwin

A&M University and the Texas Agricultural Experiment Station.

He will succeed [Steven Angle](#). Donald Cooksey, UCR professor of plant pathology and bacteriologist, has been interim dean since March 2007.

Under Cooksey’s leadership, the strategic review of the CNAS structure was completed and the college was reorganized into three academic divisions—agriculture and natural resources; life sciences; and physical and mathematical sciences.

Baldwin will be joined by his wife, Miriam Ziegler, who is also a biochemist. They have two daughters: Rebecca, an attorney in Washington, D.C., and Ruth, a graduate student who lives with her husband in Berkeley. —*Iqbal Pittalwala*

See full story at <http://www.newsroom.ucr.edu/cgi-bin/display.cgi?id=1861>.

Save the dates:

April 27-30 set for ANR statewide conference

ANR will hold an all-staff statewide conference April 27-30, 2009, at the Double-Tree Hotel in Sacramento.

The conference theme is “Defining Our Future.” Sessions are being developed to engage participants in Division strategic planning, advocacy implementation strategies, and negotiating new rules, regulations and computer-based ways of doing business. The agenda will feature hands-on training as well as speakers.

Division academics and staff are strongly encouraged to participate. Please mark these dates on your calendar. ANR Report will keep you apprised of updates as the steering committee provides conference details.

Communication Services Update

Writing right for the Web workshops available as streaming video

Bob Johnson, a popular speaker and Web-marketing expert, presented his Writing Right for the Web workshop to ANR staff at three locations in early April. Communication Services taped the April 1 Davis workshop and has made it available for viewing via streaming video.

This workshop will teach you key guidelines to use when writing for the Web in order to engage visitors in their critical first seconds on your page. You'll receive tools that enable you to evaluate your current Web site and learn how to rewrite existing content in a Web-friendly style.

The 3-hour streaming version of the workshop has been divided into four sections so it's easier to view from your desktop. Because of our agreement with Johnson, these streams are only available to ANR faculty and staff, and the files are password protected. The links are provided below. **To view these videos, contact Cynthia Kintigh at ckkintigh@ucdavis.edu for the user name and password.**

<http://stream.ucanr.org/cs/webwrite1.html>

<http://stream.ucanr.org/cs/webwrite2.html>

<http://stream.ucanr.org/cs/webwrite3.html>

<http://stream.ucanr.org/cs/webwrite4.html>

Media Equipment Recommendations

Mike Poe maintains an ANR blog called Media Equipment Recommendations (<http://ucanr.org/blogs/mediagear/>) where he gives you information to help you make informed choices on common media and communications equipment such as digital cameras, camcorders, projectors, and webcams. Like all blogs, you can subscribe to it by clicking on the RSS link on the blog to be notified when new information is posted. Use your ANR Portal to access all the ANR blogs, which are listed under Unused Systems if you have not started your own blog yet.

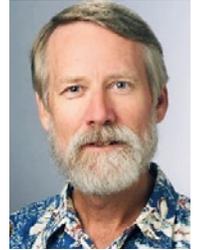
Have you tried the ANR Repository yet?

The new ANR Repository now listed under My Links in your [ANR Portal](#) provides you access to nearly 15,000 images, PowerPoint files and other documents. If you are looking for a place to upload and store your documents including images, the Repository is for you. It includes an improved Help system with short, narrated video clips to explain its various features. You can also ask a question or provide feedback to Communication Services programmers about the Repository by using the Your Feedback link.

A Fulbright Scholar, Putnam has received the American Society of Agronomy Extension Publications Award for Excellence, and the National Association of Farm Advisors and Specialists' Extension Education Award, among other awards.

Putnam earned his M.S. and Ph.D. in plant & soil sciences from University of Massachusetts, Amherst, and B.S. in agronomy from Wilmington College (Ohio).

Paine, a UC Riverside professor of entomology, is currently the program leader for agricultural policy and pest management. He will begin a new three-year term effective July 1.



Timothy Paine

In addition to teaching entomology, Paine conducts research on insects that damage ornamental landscape plants, nursery stock and urban or recreational forests. He is currently studying biological control of eucalyptus psyllids and other pests of eucalyptus trees.

Paine, who joined UC Riverside in 1986, received the American Nursery & Landscape Association's Norman Jay Coleman Award for Research. The University of Pretoria, South Africa, named him its Hans Merensky Fellow Visiting Scientist, and UC Riverside honored him with its annual Distinguished Teaching Award.

He holds bachelor's degrees in history and entomology and a Ph.D. in entomology from UC Davis.

Frost appointed REC associate director

Barbara Allen-Diaz, assistant vice-president for programs, has announced that Bill Frost has been appointed associate director of the Research and Extension Center system effective July 7. Frost has spent the past 14 years as a natural resources advisor and county director in El Dorado County.



In his new role, Frost will provide leadership to the REC System and the REC Administrative Office. He will be engaged in strategic planning for the REC system and working with each of the nine center directors and research advisory committees to ensure that academic programs and directions are implemented and aligned with the REC system strategic plan. He will also advocate for center needs and work to enhance research and extension programs throughout the system.

When Frost takes his new post, Ken Churches, Calaveras County director and 4-HYD advisor, will serve as interim county director for El Dorado County.

Frost, who joined ANR in 1994, served eight years as the program leader for natural resources and animal agriculture. He holds bachelor's and master's degrees in range science from UC Davis and a Ph.D. in range management from the University of Arizona.

After July 7, he can be reached at (530) 752-3931 or wefrost@ucdavis.edu.

Employment opportunities

Imperial County: Plant pathology advisor

UCCE seeks a plant pathology advisor for Imperial County.

The advisor will conduct a research and educational program in plant pathology applicable to local plant disease concerns of commercial vegetable crops, field crops, and tree crops in Imperial County. Research, education and diagnostic programs will serve PCA's and growers, as well as provide a multi-state linkage to Arizona. The advisor will coordinate educational and research activities with clientele, farm advisors, specialists, AES scientists and USDA-ARS scientists working with crops in Imperial and provide science-based information to the public.

Minimum of a master's degree in plant pathology is required. Knowledge of crop production practices, soil science, and integrated pest management is essential. Knowledge of emerging environmental issues is desirable. Outreach and education/experience/skills are preferred. Computer skills are required.

Beginning salary will be in the CE Assistant rank, commensurate with applicable experience and professional qualifications. Go to <http://ccsr.ucdavis.edu/> to view complete vacancy announcement for position #ACCSO-08-02 and application instructions.

For full consideration packets must be received by **Aug. 7**. Request application packet by phone (951) 827-2529 or email ccsracadrecruitment@ucdavis.edu.

Santa Barbara/San Luis Obispo counties: Vegetable and strawberry crops advisor

Santa Barbara and San Luis Obispo counties are seeking a vegetable and strawberry crops advisor (headquartered in Santa Maria). To assure full consideration, application packets must be received by **Aug. 7**.

The vegetable/strawberry farm advisor will conduct an educational

and applied research program for the vegetable and strawberry industries in Santa Barbara and San Luis Obispo counties. The advisor will identify and assess the needs of clientele, conduct surveys and field trials addressing identified problems, and develop appropriate educational outreach programs to bring about improved practices among the clientele.

The advisor is expected to identify and assess the needs of growers who operate vegetable and strawberry farming operations in the two-county area; inform and educate program clientele in areas of commodity production and handling, and farm, worker and pesticide safety; and include programs addressing alternative systems of both sustainable and organic practices.

Minimum of a master's degree in plant science or pest management, or closely related discipline is required. Training and/or experience in vegetable production, entomology, plant pathology, pomology, and postharvest physiology is preferred. Fluency in Spanish is highly desirable.

Beginning salary will be in the CE Assistant rank commensurate with education and relevant experience.

If the successful candidate is currently a CE advisor, the candidate will be offered the position as a lateral transfer, retaining their current rank, step, salary, and definite or indefinite status.

For more information, contact Richard Enfield, acting county director at rpenfield@ucdavis.edu or Mary Bianchi, search committee chair at mlbianchi@ucdavis.edu.

To view the complete position vacancy announcement for #ACCSO-08-03 and/or download the Academic Application form, and related materials, go to <http://ccsr.ucdavis.edu>. For questions on the application process, e-mail ccsracadrecruitment@ucdavis.edu or phone (951) 827-2529.

Kearney Foundation calls for proposals

The Kearney Foundation of Soil Science invites ANR faculty, advisors and specialists to apply to its research project grant program for the upcoming cycle. Proposals are due **Aug. 29**.

The RFP and proposal submittal requirements can be found at the Kearney Web site <http://kearney.ucdavis.edu/NEW%20MISSION-LIVE/Kearney-Call%202008.pdf>.

The goals of the current mission, "Understanding and Managing Soil-Ecosystem Functions across Spatial and Temporal Scales," are as follows:

- Investigate how ecosystem properties, processes, functions and services are controlled by soil biophysical and biochemical processes across spatial and temporal scales;
- Conduct multiscale basic and applied research that demonstrates clear relevance to land management decisions and policies;
- Examine transitions between scales at which important soil-ecosystem processes occur and interact; and
- Examine the relationships between the scale of management decisions and the scale of investigation, assessment and monitoring.

For more information please call Gladis Lopez, Kearney Foundation Program Manager, at (530) 754-9668 or kearney@ucdavis.edu.

CAES celebrates 20 years

The UC Davis College of Agricultural and Environmental Sciences will celebrate its 20th anniversary at 5:30 p.m. on Friday, Oct. 10. The college's annual Awards of Distinction will be bestowed at the event, which will be held in Freeborn Hall.

The Award of Distinction is the highest recognition presented by CAES to individuals whose contributions and achievements enrich the image and reputation of the college and enhance its ability to provide public service.

For more information, visit <http://caes.ucdavis.edu/NewsEvents/Events/college-celebration> or contact Carrie Cloud at (530) 752-2120 or crcloud@ucdavis.edu.

Names in the news

Spezzano named NFCS advisor

Theresa M. Spezzano is the new UC Cooperative Extension nutrition, family and consumer sciences advisor, serving Stanislaus and Merced counties. She is headquartered at the Modesto office in Stanislaus County.



Spezzano completed her master's degree in maternal and child nutrition at UC Davis. Spezzano also has an M.S. in animal and range science from Montana State University. She earned her B.S. in animal science at Oregon State University in Corvallis, Ore. She is currently serving as a nutrition, family and consumer sciences program representative for Stanislaus and Merced counties. Prior to joining UC, she was a range scientist for the West Stanislaus County Resource Conservation District.

She can be reached at (209) 525-6825 and tmSpezzano@ucdavis.edu.

Mendoza named NFCS advisor

Concepcion Mendoza is the new UC Cooperative Extension nutrition, family and consumer sciences advisor, serving Shasta and Trinity counties.



Prior to joining ANR, Mendoza did consulting for the International Zinc Nutrition Consultative Group and UNICEF. From 1999 to 2004, she did research for the Western Human Nutrition Research Center at UC Davis and has been a post-doctoral researcher at UC Davis and UC Berkeley.

A native of Colombia, she earned her B.S. in biology from Universidad del Valle in Cali, Colombia, her M.S. in food science and technology from The Institute of Nutrition for Central America and Panama/Pan-American Health Organization, and her Ph.D. in nutrition with a designated emphasis in international nutrition from UC Davis.

Mendoza can be reached at the Redding office at (530) 224-4900 and cmendoza@ucdavis.edu.

Baldwin named IPM wildlife pest advisor

Roger Baldwin has accepted the position of UC Cooperative Extension wildlife pest management advisor – IPM for the Central Valley Region.



Based at Kearney Research & Extension Center, he will address vertebrate pest issues including rodent and rabbit damage to crops and landscapes, bird damage to fruit and nut orchards, and human health risks from zoonotic diseases.

Baldwin was born and raised in McCracken, Kansas, on a farm that produced wheat, milo and beef. He has been working as a wildlife specialist with the New Mexico Cooperative Fish and Wildlife Research Unit.

Baldwin earned his Ph.D. in range science/wildlife science at New Mexico State University in Las Cruces. He earned his master's in biology/vertebrate zoology at the University of Memphis and B.S. in wildlife biology at Kansas State University.

Baldwin will begin his appointment as wildlife pest management advisor-IPM on June 23.

Crump named horticulture advisor

Amanda Crump has been named environmental horticulture advisor for Fresno County. Born and raised in Bancroft, Idaho, a small town east of Pocatello, Crump earned her M.S. in



plant pathology and weed science at Colorado State University in Fort Collins. She earned her B.S. in agricultural education at the University of Idaho in Moscow.

Prior to joining UC, Crump has been performing research at the USDA-ARS in Parlier and teaching at California State University, Fresno.

After June 30 she can be reached at (559) 456-7554.

Ground squirrel Web site wins award

The ground squirrel best management practices Web site <http://groups.ucanr.org/GSBMP/> has been selected as the Wildlife Damage Management Academic site of 2007. Terry Salmon, San Diego County director and wildlife specialist, developed and maintains the Web site.

The Internet Center for Wildlife Damage Management (ICWDM.org) asked its readers to choose the best wildlife damage management web sites for 2007 in both the commercial and academic categories. Sites were chosen for their usability and content.



Kudos for Parent Express

In the May 2008 issue of ANR Report, we reported that Parent Express received an ACE Silver award. Jim Coats, the editor and an ACE member, accepted the award on behalf of ANR Communication Services. Other Communication Services employees who are not ACE members, and therefore ineligible to be named on the award, also contributed to the successful newsletters. Robin Walton designed the publication, Ann Senuta worked with the printer, and Cynthia Kintigh and Michelle Golden marketed the product.

Parent Express was authored by Cathi Lamp, nutrition, family and consumer sciences advisor for Tulare County, Estella A. West, NFCS advisor emeritus, and Mary Lou de Natalie, University of San Francisco associate professor.

ANR Report publishes announcements of new hires, honors and major awards. Please send us your good news along with your photo to ANR-Report@ucop.edu.

Master Gardener handbook revised

The administrative handbook for Master Gardener program staff has been revised and is available in updated form at http://groups.ucanr.org/ANR_admin_policies_/Master_Gardener_Program/. Under the leadership of Pamela Geisel, State-wide Master Gardener coordinator, the original October 2002 handbook has been updated in cooperation with a variety of MGP stakeholders including staff, volunteers, and clientele. While the revisions made to improve clarity are extensive, the fundamental MGP policies are essentially unchanged.

Issuance of this revision is intended to enhance program management consistency and administrative controls, and to minimize associated risks. Additionally, the revision emphasizes the authority of the county director, as well as the CD's flexibility to execute the program as may be best in the local community. Feedback on the revision is welcome and should be sent to Geisel at pmelam@ucdavis.edu.

The revised Master Gardener Program Handbook can be accessed on the Web and individual copies may be printed as desired. Web publication of the handbook will facilitate its continued review and revision. To be informed of updates, register at http://groups.ucanr.org/ANR_admin_policies_/Master_Gardener_Program/Register_for_Update_Notification.htm.

The UCCE Statewide Master Gardener Program would like to thank the work of its policy committee: Rose Hayden-Smith, Vince Lazaneo, Scott Oneto, Sharon Stolen, and Michelle Le Strange. We would also specifically like to thank Catherine Montano, Office of Controller and Business Services for her significant editorial effort in making the policy manual clear, concise and readable.

Retirement



Phil Phillips

Phil Phillips will retire on July 1 after nearly 30 years as a UC IPM advisor.

After receiving his Ph.D. in entomology from UC Riverside, Phillips worked for seven years as a private consultant and pest control adviser in Ventura, Santa Barbara and San Luis Obispo counties.

In 1980, he joined the newly created UC Statewide IPM Program as IPM advisor for those same three counties. Based in Ventura County, Phillips helped growers to adopt IPM in citrus, avocados, strawberries, grapes and vegetables. He also wrote several UC IPM manuals.

One of his biggest achievements was discovering the glassy-winged sharpshooter in California. Three years before Pierce's disease devastated Temecula Valley vineyards and GWSS was recognized as critical in its spread, Phillips developed the first GWSS baseline biological and life history data.

Phillip's research was used to develop quarantine regulations and area-wide GWSS management programs to contain Pierce's disease. In 2000 he was appointed to an emergency PD/GWSS task force and was invited by the Australian government to conduct a PD awareness program throughout its grape production regions. The ban on importing California table grapes into Australia was lifted after his discussions with the head of biosecurity at AQUIS, Australia's agricultural inspection service.

In 1974 he and his consulting partner Charles Wood introduced the use of predaceous mites to control twospotted mites in strawberries.

In 1987, his IPM expertise influenced a TV news video called "Clouds of Fear" about the possibility of pesticide clouds drifting over neighborhoods or schools. The National Association of County Agricultural Agents honored him for the video and for his public service efforts dealing with food safety issues.

In 1988, Phillips received another award from NACAA for research that persuaded the citrus industry to adopt skirt

pruning (removing low hanging shoots) to reduce overall pesticide use while helping to manage ants, snails, Fuller's rose beetle, weeds and brown rot.

In recent years, Phillips' fluency in Spanish allowed him to search for natural enemies of invasive pests throughout Mexico and Central America, as well as to give IPM presentations in Argentina, Spain, Guatemala and Mexico.

His future plans include backpacking in the Sierra, fishing, treasure hunting, civil war reenacting, and model railroading. He also plans to volunteer as a carpenter and teacher with his wife, Dana, to help develop and construct schools for displaced Mayan communities in northern Guatemala.

— Stephanie Klunk

See full story at <http://news.ucanr.org/>

In memoriam

Keith Bowers

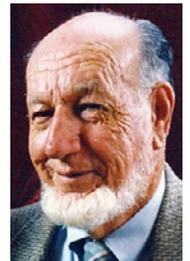
Keith Bowers, viticulture advisor emeritus for Napa County, died May 21 in St. Helena. He was 83.

Bowers was born in Oakland. After serving in the Navy during World War II and the Korean War, Bowers graduated from UC Davis with a bachelor's degree in viticulture. He was the superintendent of the UC Davis Oakville Experimental Vineyard for 23 years, then became the grape farm advisor for Napa County in 1972, a position he held for 15 years.

"He was widely respected for his keen observational skills, accurate recall and wry sense of humor," recalled a former colleague, Dean Donaldson, Napa County farm advisor emeritus.

He is survived by his wife, Marion, of St. Helena; son John of Athens, Ga.; daughter Maria (Rene) Haug of St. Helena; and granddaughters Brianna and Sonia.

Remembrances can be sent to the Keith Bowers Memorial Scholarship Fund, St. Helena High School, 1401 Greyson Ave., St. Helena, CA 94574.



—Continued on page 6

Richard S. Bethell

Dick Bethell, El Dorado County farm advisor emeritus, died May 24 at age 80.



Serving as farm advisor from 1955 to 1991, he advanced entomology and IPM, irrigation management and ranch marketing, and demonstrated profitable crops for the foothill region.

Bethell was raised on an orchard in Penryn and graduated from UC Davis with a master's degree in horticulture.

He was instrumental in combating pear decline, a disease devastating pears, the major crop in the Placerville region at the time. Bethell authored the Pear Pest Management Manual, one of the first

West Coast publications to recognize the principles of conserving beneficial insects and IPM. Later he helped develop an IPM program for wine grapes.

Bethell understood the importance of water conservation and efficient irrigation management and conducted studies showing the effects of soil type, slope and cover crops on water needs. He developed the concept of the soil moisture monitoring service provided to farmers by the local El Dorado Irrigation District.

He played a vital part in the community, stabilizing its agricultural economy. He helped establish ordinances that protected farms and wineries, and formed Apple Hill, the first ranch marketing program in Northern California and a major tourist draw.

Seeking an alternative to pears, he supervised wine grape test plots throughout the county and persuaded the UC Davis Enology Department to make wine from the grapes. The successful results led to grapes becoming El Dorado County's top crop.

Bethell also helped form the El Dorado Master Gardeners and El Dorado Master Food Preservers.

Bethell is survived by his wife and business partner, Arlene; their children Jeff and Janet; grandchildren Justin, Stephanie and Ronna; and brother William.

Contributions are being accepted for the Dick Bethell Memorial Education Fund (account 203004031) at El Dorado Savings Bank, 2888 Ray Lawyer Dr., Placerville, CA 95667. Funds will be used for education on stroke rehabilitation techniques.



Cindy Fake, above, horticulture and small farms advisor for Nevada-Placer counties, points out riparian vegetation along the edge of Blossom Hill Farm. Fake led a tour for new ANR employees on May 22. The Placer County tour was part of an ANR orientation. Christine French, technical analyst for UC Center for Water Resources provided these photos of the tour.



ANR Orientation Tour



ANR REPORT

UNIVERSITY OF CALIFORNIA
Division of Agriculture
and Natural Resources
(ANR)

Serving California through the creation, development and application of knowledge in agricultural, natural and human resources. We invite you to visit ANR's Web site:
www.ucanr.org.

To access back issues of ANR Report, log on to <http://danr.ucop.edu/anr-report/>

Send news items and comments to ANR Report
Office of Governmental & External Relations
1111 Franklin Street
6th Floor,
Oakland, CA 94607-5200.
Telephone: (510) 987-0043;
fax: (510) 465-2659;
e-mail: ANR-Report@ucop.edu

For nondiscrimination policy, click [here](#).