

INSIDE:

Calls for proposals	2
Employment opportunity	3
CS Update	4
ANR to mark UCCE centennial in 2013	4
Names in the News	5
National call for water research proposals	6

ANR Program Teams

Youth Science Literacy in Nutrition,
Agriculture and Natural Resources

Youth Development

Obesity and Prevention of
Nutrition-related Diseases

Consumer Food Safety

California Communities

Pomology & Viticulture

Agronomic Crops

Vegetable Crops

Ornamental & Environmental
Horticulture

Integrated Pest Management

Water Resources

Forest & Rangeland Systems

Agricultural Production
Management Systems

Wildlife & Fish

Milk Production & Food Safety

Meat Production & Food Safety

Egg Production & Food Safety

Animal Production Waste Management

Workgroups to align in Program Teams

Program Council has been working, in consultation with workgroup chairs, to develop a structure that would provide better support to workgroups and continue ANR's commitment to grassroots planning and program implementation. The objective of this new structure is to provide a more efficient and effective means for workgroups to meet and carry out their essential functions, and enhance inter-workgroup communication and collaboration. As we worked to develop an improved structure and funding mechanism, we determined that due to budgetary constraints it is not feasible to directly fund the more than 80 independent workgroup meetings that have been supported in the past.

Recently we circulated a proposal for review by all workgroup chairs that described a new structure using broad-scope "Program Teams." The Program Team areas will cover more extensive and integrated program topics and workgroups may align themselves under the appropriate Program Team or Teams.

Program Team meetings will provide the opportunity for individual workgroups to come together and enable continuation of existing workgroup affiliations under the Program Team umbrella. For some workgroups, this may be a significant change while other workgroups are already functioning under a similar model. It is envisioned that the Program Team meetings will designate about 25 percent of their time to large group settings with all participants considering integrated and multidisciplinary issues, with approximately 75 percent of the meeting time being reserved for individual workgroup meetings.

Meeting together in logical groupings of Program Teams will improve coordination and reduce travel costs. Participant travel will be funded directly through ANR, alleviating the need for chairs to submit and manage budgets. Facilities and other arrangements for the Program Team meetings will be facilitated by the ANR Program Support Unit, further reducing the administrative burden on chairs.

Within this Program Team structure, ANR will provide resources for individuals for travel to Program Team meetings rather than providing funding for individual workgroup meetings. For the coming year, ANR will only be able to support the Program Teams to meet in conjunction with the Strategic Initiative Conferences. When sufficient resources can be provided, it is the intent of ANR to also support a separate meeting of each Program Team in addition to those conducted with the Strategic Initiative conferences.

After receiving comments from the workgroup chairs, we have developed a system containing 18 Program Teams. Workgroups will be able to align themselves with the appropriate Program Team or Teams. The first meetings will be conducted this year in conjunction with the Strategic Initiative conferences.

In the coming weeks, we will provide the framework for Program Team responsibilities and reporting and begin to identify chairs of these Teams. It may be effective to have Program Team sub-chairs who concurrently serve as individual workgroup chairs. A subset of the chairs and sub-chairs would compose the executive committee of each Program Team.

— Executive Working Group

Calls for proposals

ANR Competitive Grants Program

ANR is requesting proposals for its competitive grants program.

ANR will invest in research, education and outreach projects through a competitive grants program aimed to support high priority issues, encourage collaboration among academics, support short-term high-impact projects, strengthen the research-extension continuum, and contribute policy-relevant outcomes addressing significant statewide economic, environmental and social issues in California.

This RFP will be vital to addressing the strategic initiatives developed in the [Strategic Vision 2025](#). Although state and federal funding prospects will pose significant challenges to the entire University of California, it is essential that ANR resources be directed in a manner consistent with the goals outlined in our Strategic Vision.

The process invites letters of intent as a first response to the RFP. The deadline for submitting letters of intent is March 15. Applicants selected to submit a full proposal will be notified by April 1. If eligible, full proposals will be due May 2.

While the total funding pool available to fund successful proposals will depend on a number of factors, every effort will be made to reasonably match projected resources to highly meritorious projects.

The Strategic Initiative leaders and panels have identified areas where ANR has the opportunity to make a significant, visible difference to the people of California. ANR is committed to providing as much support as possible to address those opportunities.

To submit letters of intent or to get more information about the process, log into your ANR Portal and locate the "Universal Review System" in the lower right of the portal. Under "Open Systems," click on "ANR Competitive Grants." The full RFP is under "System Documents" on the right. If you have questions, contact Vanessa Gomez at (510) 987-0377 or vanessa.gomez@ucop.edu.

Desert REC

The Desert Research & Extension Center (DREC) is soliciting proposals for new and continuing research and demonstration projects for the period July 1, 2011, through June 30, 2012. Located on 255 acres in the Imperial Valley, DREC's primary research areas are desert agriculture, bio-energy crops, vegetable crops, field crops, alfalfa breeding, livestock environmental and feedlot management, irrigation and drainage management, plant nutrition and pest management.

The center provides labor, equipment, research facilities, and technical and management support to UC academics and personnel from co-operating non-UC organizations, such as USDA. Approximately 12,500 hours of labor will be awarded to support approved project

The center's Research Advisory Committee (RAC) will evaluate the proposed research for scientific merit and regional need. Main topics of research interest at the center include variety development; weed, insect, and disease control; irrigation management; plant nutrition; and agriculture and wildlife interactions. Approved projects will be eligible for center provided support (land, labor, technical assistance, equipment and facilities). Researchers will be notified of project approval by June 1.

Submit forms electronically, via the "Universal Review System" accessed through your UC ANR Portal by March 18.

Follow these simple steps:

1. Log into your portal, <https://my.ucanr.org/>,
2. Click on "Login to Universal Review System",
3. Select 'DESERT REC CALL FOR RESEARCH PROPOSALS 2011-2012' on the "active" list.

Follow the link below for further instructions on filling out the necessary research project forms, http://groups.ucanr.org/anrec/Research_and_Extension/Research_Proposal_Forms.htm

For more information, contact Debra L Driskill at (760) 356-3061 or dldriskill@ucdavis.edu.

Hopland REC

The Hopland Research & Extension Center seeks research project proposals for the period June 1, 2011, through May 31, 2012.

The Hopland center encompasses more than 5,300 acres of oak woodland, grassland, and chaparral rangeland in southeastern Mendocino County. It presently supports a diverse mix of projects in subjects that include animal science, range management, wildlife ecology, entomology and epidemiology, pest management, viticulture, and natural resources management. The center also has a GIS facility with personnel that can assist you with geospatial analysis. All projects are strongly encouraged to have a geospatial component.

New projects using the center's laboratory, greenhouse, resident sheep flock of 750 breeding ewes, 2-acre cabernet vineyard, wild black-tailed deer herd, non-native wild turkeys, or irrigated pasture (suitable for winegrape vineyard development) are specifically encouraged. Hopland REC expects to allocate in excess of 2,000 hours of center-provided labor to support approved projects during this coming cycle.

Proposals must be e-mailed to Amber Shrum at anshrum@ucdavis.edu on or before April 1.

For additional information and proposal forms, visit the Hopland website at http://groups.ucanr.org/hopland/Research/Grants_&_New_Projects.htm or contact superintendent Robert Keiffer at (707) 744-1424 x112 or rjkeiffer@ucdavis.edu.

Proposals, *continued from page 2*

Sierra Foothill REC

The Sierra Foothill Research and Extension Center (SFREC) is soliciting proposals for new and continuing research for the upcoming program year, May 1, 2011–April 30, 2012.

Proposals are due at SFREC by March 14. The Center expects to award approximately 2300 hours of labor to assist continuing and new research projects.

The center comprises 5,721 acres of northern Sierra foothill oak woodland-annual grass rangeland. Several watersheds fall within its boundaries, with Yuba River frontage along the southern edge, offering opportunities for wildlife, water-quality and riparian-habitat studies. There are 160 acres of irrigated pasture, with a herd of 350 beef cows and 100 yearling calves.

Other resources include a weather station, GIS database, and other long-term databases related to hardwoods and annual rangeland pasture use by cattle; beef cattle fertility, disease and production levels; stream hydrology in managed watersheds; climate and range forage yields. Facilities include a laboratory for chemical and biological analyses, meeting rooms, a 13-bed dormitory and six cattle-working areas.

Proposals can be submitted via the Universal Review System accessed through your UC ANR Portal. Required forms can also be found at <http://ucanr.org/sites/sfrec>.

For further information regarding research opportunities, contact Art Craigmill, center director, at (530) 639-8800 or alcraigmill@ucdavis.edu.

South Coast REC

The South Coast Research & Extension Center has issued a call for research proposals for fiscal year 2011-12.

Located on 200 acres of deep, moderately sloped, alluvial fan soil in Irvine, the center and its mild winter climate are conducive to farming a wide range of crops including subtropicals. The center has a laboratory for processing research plant samples equipped with compound and dissecting microscopes, limited glassware, and an autoclave. Greenhouse bench space is available for research in four small greenhouses suitable for insect studies, a medium-sized greenhouse used for strawberry breeding and general seedling production; with a bay endowed with a computerized environment control system. There is a lathhouse on the premises for acclimation of most plant species and growing of tender stock. The center provides land, irrigation water, labor, equipment, and other facilities, and it serves as a repository for germplasm collections of many subtropical plants.

The center's research advisory committee will evaluate the proposed research for scientific merit and regional need. Main topics of research interest at the center include variety development; weed, insect, and disease control; irrigation management; plant nutrition; and agriculture and wildlife interactions. Approved projects will be eligible for center provided support (land, labor, technical assistance, equipment and facilities). Researchers will be notified of project approval by June 1.

Submit forms electronically via the "Universal Review System" in the UC ANR Portal. The deadline is March 18.

To apply, log into your portal, <https://my.ucanr.org>, click on "Login to Universal Review System," then select 'South Coast REC call for research proposals 2011-2012' on the "active" list. For instructions on filling out the necessary research project forms, visit http://groups.ucanr.org/anrrec/Research_and_Extension/Research_Proposal_Forms.htm

For more information, contact Marie Hernandez Vega at (949) 653-1810 or mthernandezvega@ucdavis.edu.

Employment opportunity

Eurasian mussel outreach, Sacramento

UCCE is seeking a person to assist outreach efforts for Eurasian mussel education. This position will be based in Sacramento and serve as the primary staff member for the UCCE Eurasian Mussel Education and Outreach Program. This project is 14 months long, supported through extramural grants, and led by Jodi Cassell, natural resources advisor.

The goal of the project is to develop educational programs and materials about invasive Eurasian mussels for two specific audiences: small to medium size irrigation and water districts, and formal and informal educators. Major duties for this position include, but are not limited to

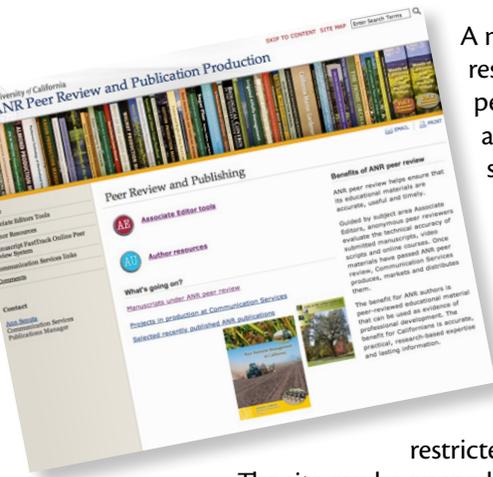
- Research educational programming needs of small to medium size irrigation and water districts based on a survey and consultation and review of the scientific and technical literature.

- Work with teachers and informal educators to develop additional modules for curriculum focusing on invasive Eurasian mussels. Test curriculum modules in the classroom and with teachers.
- Take a leadership role in development of project outreach materials and workshop curriculum.
- Organize logistics, locations, and staff major project outreach activities, such as workshops and project advisory committee meetings.
- Represent UCCE at local and statewide meetings to learn about scientific and management issues, and provide groups with information about the Eurasian mussel program.
- Develop and maintain project website.

For more information on the duties, requirements, and application procedures for this position, please see http://ucanr.org/Jobs/Jobs_990/?jobnum=99 or contact Jodi Cassell at (510) 219-9125, or jlcassell@ucdavis.edu.

CS Update

Online peer-review system created for ANR publications



A new web site of resources and an online peer-review system awaits advisors and specialists writing ANR publications.

The ANR Peer Review and Publication Production web site, <http://ucanr.org/sites/anrpeerreview/>, is restricted to ANR personnel.

The site can be opened once you have logged into your ANR Portal page. It provides information for authors about writing, preparing photographs, Spanish translation, Communications Advisory Board approval of printed publications, the ANR peer review process, how production works at Communication Services, and much more. A new author might visit the page “So you want to write an ANR publication,” while an author with a manuscript ready for peer review should go to “Using the online peer review system.”

The Manuscript FastTrack online peer-review system follows the same anonymous and rigorous ANR peer-review process as before, but with more efficiency and accountability.

Instead of submitting a manuscript for review directly to an ANR Associate Editor, an author submits it to the online system, where it is assigned to the appropriate AE. All manuscripts must be reviewed through the online peer-review system.

Beyond the professional benefit for ANR authors of developing peer-reviewed education materials, the peer-review process ensures accurate, research-based expertise and lasting information for Californians.

If you are curious about what manuscripts are already under ANR peer review — and it is an impressive number — or want to know the status of a publication in production at Communication Services, the Peer Review and Production website has those links on its home page as well.

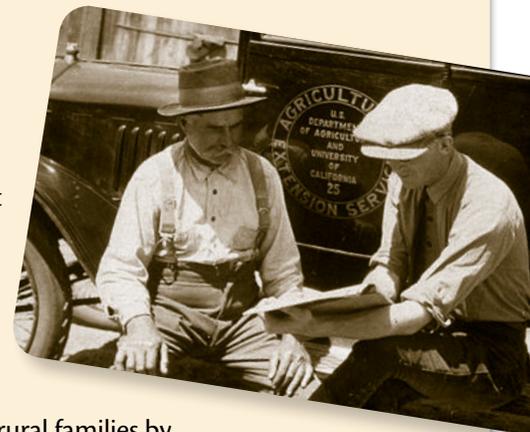
Questions about the website or the online peer-review system can be directed to Ann Senuta, Communication Services publications manager, at aesenuta@ucdavis.edu.

Latino Briefs Digest joins ANR's blogosphere

Until recently, staff from News and Information Outreach in Spanish (NOS) compiled and distributed a monthly electronic bulletin on recent developments and research that relate to the Latino communities in California and across the nation. Now, these updates on relevant Latino issues — from demographics and education to the environment and technology — are offered twice a week via the Latino Briefs Digest Blog: <http://ucanr.org/blogs/LatinoBriefs>.

ANR to mark UCCE centennial in 2013

UC Cooperative Extension will celebrate its 100th anniversary in 2013. Cooperative Extension was established by an act of Congress - the Smith-Lever Act of 1914. Lawmakers sought to boost agricultural productivity and enhance the lives of rural families by creating a service that channels research advances from college campuses to rural Americans.



Anticipating passage of the Smith-Lever Act, Thomas Forsyth Hunt, UC Berkeley's ag college dean, brought B.H. Crocheron from Maryland in 1913 to organize California's Cooperative Extension Service. Crocheron hired advisors in Humboldt, San Diego, San Joaquin and Yolo counties in 1913.

The centennial will give ANR an opportunity to highlight how it helped make California a leader in the past and how it will continue to assist Californians in solving problems in the future. ANR is now in the very early planning stages for celebrating the occasion and is soliciting thoughts and ideas from ANR members and its fans.

If you would like to participate in the planning or contribute ideas for the 100th anniversary celebration, please submit a note at <http://ucanr.org/sites/100>. If you have questions, contact Cynthia Kintigh at (530) 754-3911, cckintigh@ucdavis.edu; Jeannette Warnert at (559) 646-6074, jewarnert@ucdavis.edu; or Pam Kan-Rice at (530) 754-3912, pskanrice@ucdavis.edu.

Names in the News

Duncan, Greer appointed CDs



Roger Duncan

Roger Duncan has been appointed UCCE director for Stanislaus County, effective January 1. Duncan will continue to serve

the county as a pomology advisor in addition to CD. Kathy Anderson, who was interim director for 6 months, has returned to her role as full-time pomology advisor.

Duncan can be reached at (209) 525-6800 and raduncan@ucdavis.edu.



Chris Greer

Chris Greer, rice advisor, has been appointed county director for Colusa, Sutter and Yuba counties.

He succeeds Mike Murray, who retired Jan. 1.

Greer can be reached at (530) 822-7515 and cagreer@ucdavis.edu.

DPR honors IPM and NRCS

The California Department of Pesticide Regulation recognized six businesses and organizations as 2010 IPM Innovators to reduce pesticide use. The UC Statewide IPM Program and its partner the Natural Resources Conservation Service were among those honored.

Mary-Ann Warmerdam, Department of Pesticide Regulation director, presented the IPM Innovator Awards on Jan. 27. Attending to accept the award were Kassim Al-Khatib, IPM

director; Christopher Hartley, NRCS national conservation initiatives coordinator; Mary Louise Flint, associate director for urban and community IPM; Bob Fry, NRCS state agronomist; Pete Goodell, IPM advisor; Diane Holcomb, NRCS state resource conservationist; Jarrod Martin, East Stanislaus Resource Conservation District; and Tunyalee Martin, IPM content development supervisor.

IPM develops and promotes integrated ecologically sound pest management programs in California for farmers, urban communities and natural resource managers. NRCS provides technical and financial assistance to protect farmland and the environment. The East Stanislaus Resource Conservation District, one of the cooperators in the partnership, also stands out for its efforts to promote IPM locally.

Examples of the partnership's efforts include development of year-round IPM programs for 19 different crops, including nut and fruit trees, row crops and vegetables.

ANR scientists elected AAAS fellows

Nine scientists affiliated with ANR are among 503 new fellows elected this year to the American Association for the Advancement of Science for their efforts to advance science or its applications.

ANR's 2010 AAAS fellows are as follows:



Benito O. de Lumen

Benito O. de Lumen, UC Berkeley professor of nutritional science and toxicology, for important contributions to natural-products biochemistry, with special regard to the discovery of lunasin, a cancer preventative from seeds of common crop plants.



Patricia Claire Zambryski

Patricia Claire Zambryski, UC Berkeley professor of plant and microbial biology, for distinguished contributions to the field of plant biology that focus on the genetic

transformation of plant cells by *Agrobacterium* and on plant cell communication via plasmodesmata.

The January 2011 ANR Report announced the election of Eduardo Blumwald, UC Davis professor; Robert I. Krieger, UC Riverside Cooperative Extension specialist in entomology; Thomas A. Miller, UC Riverside professor of entomology; David Neale, UC Davis professor; Johan Six, UC Davis professor and chancellor's fellow; Laosheng Wu, UC Riverside professor of soil science; and Frank Zalom, UC Davis professor and Cooperative Extension entomologist.

The AAAS will present the new fellows with a gold and blue rosette pin and an official certificate on Feb. 19 at the society's annual meeting in Washington, D.C.

California Focus highlighted

California Focus, developed and coordinated by Patricia English, 4-H Youth Development Program representative, has been selected as a Program of Distinction by 4-H National Headquarters and added to the searchable database at <http://www.national4-hheadquarters.gov/about/pod.htm>.

California Focus provides an opportunity for 4-H high school students and leaders, in county teams from across California, to participate in a civic engagement program focused on California government and history.



Patricia English



From left, Mary-Ann Warmerdam, 8th Assembly District Member Mariko Yamada staffer Ian Blair, Kassim Al-Khatib, Christopher Hartley, Mary Louise Flint, Bob Fry, Pete Goodell, Diane Holcomb, Jarrod Martin, and Tunyalee Martin.

Names in the News continued from page 5

Programs of Distinction is a collection of program descriptions that reflect the high quality of 4-H youth development programs that are occurring in communities across the United States. This collection serves as a resource of peer-reviewed programs through which 4-H workers are able to share ideas about successful programs.

Zalom, Redak, IPM win entomology awards

The Entomological Foundation, a non-profit organization whose mission is to build a future for entomology by educating young people about science through insects, announced the winners of its 2010 professional awards.

controls and use of less toxic pesticides, which have become standard in practice and part of the UC IPM Guidelines for these crops. His lab has responded to six important pest invasions in the last decade, with research projects on glassy-winged sharpshooter, olive fruit fly, a new biotype of greenhouse whitefly, invasive saltcedar, light brown apple moth, and the spotted wing *Drosophila*. The results of these studies are reflected in Zalom's 290 authored/co-authored, refereed journal articles or book chapters and 340 extension publications.



Richard Redak

Richard Redak a UC Riverside professor and chair of the Department of

Entomology, received the Recognition Award in Urban Entomology, which recognizes and encourages outstanding extension, research and teaching contributions in urban entomology.

His recent research has emphasized developing disinfestation treatments and quarantine procedures for commercial nursery crops grown in California. This research is directed at preventing the movement of the glassy-winged sharpshooter from areas of its current urban distribution to areas where it threatens both additional urban landscapes as well as a variety of California's agricultural commodities, especially those involving grapes, almonds and olives.

The research set biological- and cost-effective protocols that allowed California's nursery industry to ship plant material to the markets throughout the country with minimal risk of introducing a dangerous insect-disease vector.

The Integrated Pest Management Team Award, for small collaborative teams consisting of entomologists from the private and public sectors, was given to the Urban Pest Ant Management Alliance Team.

The team is composed of Michael Rust, Donald Reiersen, John Klotz, and Les Greenberg, all of UC Riverside; Mark Robertson, California Department of

Pesticide Regulation; John Kabashima, UCCE advisor for Orange County; Cheryl Wilen, UCCE Statewide IPM advisor; Patrick Copps, Orkin Pest Control; Herb Field, Lloyd Pest Control; and Keith Willingham, Western Exterminator Company.

They reduced the amount of pyrethroids used to control ants by at least 50 percent and developed strategies that prevent or significantly reduce the amount of insecticide in water runoff. Ants are one of the major pests around structures in urban environments. Commercial pest management companies throughout California report that 65 percent to 80 percent of their pest control services deal with ants.



Frank Zalom

Frank Zalom, a UC Davis professor of entomology and Cooperative Extension entomologist, won the Award

for Excellence in Integrated Pest Management, given for outstanding contributions to integrated pest management. Zalom focuses his research primarily on tree crops (almonds, olives, prunes, peaches), small fruits (grapes, strawberries, caneberries), and fruiting vegetables (tomatoes), as well as international IPM programs.

The IPM strategies and tactics he has developed include monitoring procedures, thresholds, pest development and population models, biological

National call for water research proposals

The U.S. Geological Survey and the National Institutes for Water Resources are requesting proposals for matching grants to support research on the topic of improving and enhancing the nation's water supply.

Proposals must be filed at <https://niwr.net> by 1 p.m. PST, Feb. 24, and must be approved for submission to the National Competitive Grants Program by the institute through which they are submitted.

California's institute is located at ANR. To submit a proposal, please coordinate with Julie Drouyor before the Feb. 24 deadline. Drouyor can be reached at julie.drouyor@ucop.edu or (510) 987-0027.

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://ucanr.org/anr-report>

Send news items and comments to ANR Report Communication Services
1850 Research Park Drive
Suite 200

Davis, CA 95618-6134
Telephone: (510) 206-3476
Fax: (530) 754-3904

e-mail: anrreport@ucdavis.edu

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