

## INSIDE

**7** Six new advisors have joined CE

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## UCR Genomics Institute ready to help shape the 'revolution'

By *Kathy Barton*

A common quip around campus has the letters UCR standing for "Under Construction and Renovation." The same might be said of the UCR Genomics Institute—literally and figuratively.

The institute has embarked on a major renovation project that will provide a research and administrative hub for UCR's major campuswide initiative in genomics. And two centers are being rapidly developed within the Genomics Institute to carry out research and educational programs on the impacts of biotechnology on society and in plant cell biology.

Established two years ago, the UCR Genomics Institute brings together faculty from every academic unit on campus to participate in the genomics revolution.

"The sciences related to this institute focus on four

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## Laughlin, Gonzalez appointed to new posts on interim basis

**S**usan Laughlin, director of ANR's Central Coast and South Region, has been appointed interim assistant vice president for planning and budget.

Laughlin's two-year appointment begins Sept. 1. She will succeed Assistant Vice President *Milton Fujii*, who retires on Oct. 1 after 24 years of service to the University.

Laughlin's current position as regional director will be filled on an interim basis by *Refugio "Cuco" Gonzalez*, who heads up the Imperial County office of UCCE.

"Dr. Laughlin is widely experienced within ANR, having served as associate dean on the Berkeley campus, as county director for Contra Costa County and as regional director," said Associate Vice President *Henry Vaux Jr.*

"She brings an impressive array of experience and credentials to this position."

By filling the assistant vice president position on an interim basis for up to two years, the Division gains "the help we need in managing the impending budget reductions ...

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## Six long-time members of the Division retire

**I**t's never easy to say goodbye to colleagues who are retiring. We will miss them, their invaluable work, and our ability to tap their experience and the institutional memory they take with them.

But retirement gives us an opportunity to celebrate their many years of achievement and honor them for serving the University so ably. We join their clientele in thanking them for their dedication in extending to communities far from campus the benefits stemming from research-based analysis and discovery. And we wish them "bon voyage" as they set out on new adventures.

Six Division members who retired recently are CE

specialists *George Goldman* (UC Berkeley) and *Mike Stimmann* (UC Davis), county director *Diane Wallace* (San Diego), advisors *Janice Harwood* (Monterey, San Benito, Santa Cruz) and *Bill Weir* (Merced) and administrative specialist *Mary Lu McGuire* (Oakland).

They take a combined 193 years of experience with them. This article briefly profiles their careers. Next month, *ANR Report* covers retirements that occurred earlier this year that we missed. In September, we profile Assistant Vice President *Milton Fujii* (see article above).

■ **George Goldman: his work helps policy-makers**

Since UCB economist

George Goldman joined CE 39 years ago, he has conducted hundreds of studies and analyses that helped cities and counties throughout the state (and elsewhere) make more informed decisions on the economic impacts of their public policy choices.

Goldman, now an emeritus member of the UCB Department of Agricultural and Resource Economics, retired in early July.

His goal, he says, has been to improve the quality of public discussions—and ultimately decision-making—through analysis which explains the economic effects of resource use and public policy choices. He has also

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broad areas where we know we have expertise and can make a significant impact on the economy and society: pest and disease interactions; plant, insect, microbial and mammalian genomics; the environment; and nutrition,” said institute Director **Michael T. Clegg**, a plant geneticist and former dean of the UC Riverside College of Natural and Agricultural Sciences.

“But that doesn’t mean that the Genomics Institute is limited to research about gene or protein function by any means. The humanities, the social sciences, education, and business and management all have valuable perspectives to offer in regard to this research and the way it affects people, economies and societies.”

UCR’s effort in genomics profits from the collective expertise of scientists in five areas—insect genomics, plant cell biology/genomics, microbial genomics, mammalian genomics and bioinformatics.

The institute is built around a Core Instrumentation Facility that provides researchers and students access to state-of-the-art tools for DNA sequencing, quantitative PCR detection, microarray making and analysis, robotic handling of liquids, protein sequencing, and gene-chip data mining. More than 40 UCR labs are currently using the facility.

Renovation is currently under way to transform a two-floor wing of Batchelor Hall from a former library to a centralized facility serving genomics-related research campuswide. When the \$3.2 million project is completed in December, the institute’s research and administrative

functions—as well as the Center for Plant Cell Biology’s technology cores in microscopy, bioinformatics and proteomics—will be unified under one roof.

With a substantial commitment of campus resources, a major gift of instrumentation from Monsanto, and the institute’s own efforts to secure extramural funding, the Core Instrumentation Facility supports UCR research that will help transform the agricultural industry, human health and the environment, said **Peter Atkinson**, a UCR associate entomologist who also serves as associate director of the Genomics Institute.

The campus was also awarded \$100,000 grants from each of two foundations, the James G. Boswell Foundation and the Ralph M. Parsons Foundation, in support of the renovation. **Sarjeet Gill**, an entomologist and participating faculty member in the Genomics Institute, recently received a \$284,000 grant from the National Institutes of Health to expand the DNA sequencing capacity of the facility in collaboration with other investigators.



Academic coordinator Tim Kingan manages the Genomics Institute’s Core Instrumentation Facility.

Specific genomics-related projects at UCR include altering mosquitoes so they cannot transmit diseases like malaria; developing crop plants with greater yields, disease resistance and tolerance to saline soils or drought; determining the role that genes expressed in the liver have in human diseases; and probing the genetic mechanisms at work in the interaction of diet and caloric intake to age-related diseases.

“The science is advancing so rapidly with the public release of sequenced genomes and other genetic data,” said Clegg. “We are only years away from seeing the face of society change dramatically, offering people a whole new set of choices in regard to foods, medicines, vitamins and synthetic materials. I am very optimistic about that future.”

Already, two centers have been organized within the Genomics Institute to synergize UCR’s existing strengths in the plant sciences and to coalesce scientists and scholars to analyze the consequences of the adoption of genetic engineering technologies on society and the environment.

The Center for Plant Cell

Biology (see related article on p. 3) is directed by one of the nation’s most prominent plant cell biologists, **Natasha Raikhel**, who arrived at UCR in January. The center has assembled one of the world’s most advanced and comprehensive cell imaging facilities, as well as expertise in bioinformatics. A third technology core in proteomics is under development.

Raikhel said the center is poised to make significant contributions to the understanding of plant function, with the ultimate goal of applying the knowledge toward improving food supplies and developing new energy production systems.

A distinctive aspect of UCR’s efforts in genomics is an emphasis on the social, environmental, ethical and economic issues raised by the practical uses of biotechnology. The Biotechnology Impacts Center serves as an “honest broker” forum to identify the relevant policy issues, act as a clearinghouse for credible information on those issues, and to initiate research that addresses the potential benefits and consequences of the genomics revolution.

The resulting knowledge will inform public policy discussions among public interest groups, the biotechnology industry, academics, elected officials and policy-makers.

In addition to research on targeted issues of public concern, the Biotechnology Impacts Center will convene a major international conference in fall 2003 on the scientific aspects and social, economic and environmental impacts of agricultural biotechnology. The meeting will

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Natasha Raikhel, one of the nation's most prominent plant cell biologists, is the center's director.

## Genes are the focus of UCR's Center for Plant Cell Biology

By *Kathy Barton*

Capitalizing on the scientific momentum created by sequencing of the *Arabidopsis* and rice genomes, a group of faculty at UC Riverside has embarked on a plan to create the nation's first research center devoted exclusively to plant cell biology.

"This is an era of unprecedented biological discovery," said *Natasha Raikhel*, director of the Center for Plant Cell Biology and Distinguished Professor of Plant Cell Biology. "Technologies to sequence entire genetic codes have yielded a wealth of data that has outstripped our ability to assimilate and exploit the information. We must find more efficient ways of understanding organisms."

That, she said, will entail a serious interdisciplinary effort involving engineers, plant biologists and plant pathologists, chemists, physicists, computer scientists and mathematicians.

Thus, the Center for Plant Cell Biology (CEPCEB)—part of the UCR Genomics Institute—incorporates scientists from diverse disciplines to determine the function of proteins within living plant cells in the context of whole plants. The emerging experimental paradigm for addressing such scientifically complex issues is "systems-based" research, which uses new approaches in computational biology to advance knowledge gained at the gene level into an understanding of how organisms function as biological machines.

To illustrate the complexity of the task, consider the Thale cress, a small flowering plant that goes by the scientific name *Arabidopsis thaliana* and which is widely used as a model system. It took an international collaboration of scientists four years to sequence its 25,000 genes, but an even more ambitious task waits.

The National Science Foundation has set a goal of de-

termining the function of each of those genes—that is, the proteins for which they carry the instructions—by the year 2010. Knowing the role of each protein will enable plant cell biologists to decipher the complex inner workings of cells and, ultimately, manipulate biochemical pathways to produce crops with greater yields, more tolerance to adverse environmental conditions, or enhanced nutritional content.

CEPCEB has an active group of researchers investigating the genetic and cellular aspects of *Arabidopsis*. Using that model plant or other plant systems, faculty members in the center are investigating such questions as:

- How proteins are transported within plants
- How plant breeding programs can be sped up through basic studies in the reproductive and developmental biology of plants
- How genes direct the manufacturing of cell walls, which play a crucial role in plant development, resistance to plant diseases and communication between cells
- How plants respond to environmental stresses, such as oxygen deprivation, temperature extremes, drought and high-saline soils
- How seed-oil producing plants can be genetically engineered to enhance the quantity and quality of oils and proteins
- How the expression of genes change when plants are fed upon by insects or infected by plant diseases

CEPCEB will host a major symposium Jan. 15–18, 2003, highlighting systems-based approaches to plant biology research. "Frontiers of Plant Cell Biology: Signals and Pathways, Systems-Based Approaches" will involve a number of leading researchers in the field, including *Chris Somerville* of the Carnegie Institute of Washington at Stanford, *Joanne Chory* of the Salk Institute, and *Elliot Meyerowitz* of Caltech, among many others. The symposium is dedicated to the memory of the late *Noel T. Keen*, a UCR plant pathologist and CEPCEB member who died in April.

Additional information on the center and the symposium can be found at <http://cepceb.ucr.edu>.

### UCR Genomics Institute (from p. 2)

bring together life scientists, social scientists, bioethicists and policy-makers, as well as representatives from the biotech industry, the public, the media and non-governmental organizations to address the ag biotech issue from all perspectives.

"Genetically engineered crops will impact the global economy, the biosphere's cycling of water and nutrients, and human tradition and culture," said *Norm Ellstrand*, a UCR geneticist and director of the center. "We hope this conference will integrate the knowledge of diverse specialists and that their collective wisdom will help underpin the important decisions society will make about the adoption of agricultural biotechnology."

For additional information on the UCR Genomics Institute, visit its web site at [www.genomics.ucr.edu](http://www.genomics.ucr.edu).

*Barton is the grant writer for the Genomics Institute. Contributing to this report was Lisa Dunlap.*

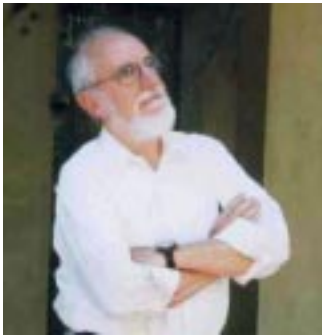
## Retirements (from p. 1)

tried to foster public discussion of economic models and methods, for it serves, he said, “to educate the public about the value of a quantitative and analytical approach to public policy choices.”

“My role has been to provide research results based on knowledge, information and a systematic framework of analysis,” he said.

Divisionwide, Goldman may be known most widely for his contributions to “The Measure of California Agriculture: Its Impact on the State Economy,” which he cowrote in 1992 with *Harold Carter*, former director of the Agricultural Issues Center.

The publication, based on



UC Berkeley economist George Goldman has retired after 39 years with UCCE.

a study that was carried out at the request of the California Board of Food and Agriculture, has been revised several times—the latest edition was published in 2000—and has been an important source of information for decision-makers at all levels of government.

In 1995, Goldman and UCB researcher *Bruce McWilliams* prepared three reports at the request of the California State Association of Counties, documenting the importance of the forest products, fishing and mineral industries to the state’s economy and jobs. The reports were companion pieces to the “Measure of California Agriculture.”

More recently, Goldman completed an analysis indicating that prison industries have a positive ripple effect for California’s economy. And last fall, Goldman and a doctoral student in the department conducted the first study calculating the economic impact of the state’s waste disposal and diversion system.

Other problem areas he

has worked on include residential development, tourism, farmland conversion, recreation, water development, coastal legislation and groundwater management.

His clientele groups have included CDFG and the state departments of Parks and Recreation, Water Resources, Forestry and Fire Protection, Fish and Game; U.S. Forest Service; California State Universities and UCCE counties, among many others.

—*Gabriele Kassner*

### ■ Diane Wallace: a gift for leadership

If UC Cooperative Extension had a Hall of Fame, Diane Wallace would be a shoo-in for membership.

When the long-time director of San Diego County CE retired on July 1, she brought to a close an eminently successful 38-year career.

Wallace, who joined UC in 1960 as 4-H home advisor in San Bernardino County, is “one of Cooperative Extension’s icons” and a “model for all advisors,” said Regional Director *Susan Laughlin*.

Wallace is an “exemplary”



Diane Wallace’s UCCE career spanned 38 years.

county director, she said.

“Diane guided her 13 advisors toward issues programming well before focusing on issues rather than commodities became a standard goal within Cooperative Extension,” Laughlin noted. “Her county is known for its superlative team efforts, which are arguably the most well-developed example of teamwork in the entire Cooperative Extension system in California.”

Laughlin observed that Wallace’s dedication to keeping in close touch with county government officials and agency directors enabled San Diego advisors to assist a wide range of county departments and community-based organizations—and that resulted in broad-based county support and appreciation.

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## Laughlin, Gonzalez appointed to interim positions (from p. 1)

[and] some flexibility down the road in responding to the fiscal exigencies which we are likely to face,” Vaux explained.

The composition of the search committee for the RD position will be announced very soon.

Laughlin joined UCCE as a research analyst, studying the effectiveness of the Expanded Food and Nutrition Education Program. She subsequently became program director for the food, nutrition, family and consumer sciences area of CE, and then was named associate dean for CE in the College of Natural Resources and a CE specialist in the UCB School of Social Welfare.

She was appointed a county director for the Division in 1991 and director of the 13-county Central Coast and South Region in 1999.

Laughlin received a bachelor’s degree in psychology from Stanford University, a master’s in social work from New York University and a PhD in social welfare from UCB.

She has been a clinical social worker and an administrator in social welfare agencies. She also spent three years in the Peace Corps in Colombia and in Central America, and has been an instructor in Zambia.

Gonzalez has served as the director of Imperial County CE since 1979. He is a recognized expert in farm personnel management, farm marketing and supervisor training. He joined UC as a 4-H youth development advisor in 1974.

Gonzalez earned a bachelor’s degree in agricultural business management and a master’s in business from California State Polytechnic University at Pomona.

## Retirements (from p. 4)

ciation for UCCE programs.

Prior to being named county director of San Diego CE in 1982—she was one of the first women in UCCE to be appointed county director—Wallace had served as the county's 4-H home advisor for 14 years.

Wallace's other leadership roles in ANR included being co-chair of the Council of Associate Deans and Directors in the late 1990s.

She has been the recipient of many awards and honors from local, state and national organizations. They include the Woman of Achievement Award from the President's Council of the City of San Diego, the Distinguished Service Award from the National 4-H Agents' Association, the Distinguished Service Award from Assembly Council and, most recently, the first Friend of Agriculture award from the San Diego Farm Bureau.

—*Gabriele Kassner*

### ■ Bill Weir: researcher, innovator

Farm advisor Bill Weir, who retired on June 22, began his UC career in Davis in 1966 as a staff research associate. He became field crops farm advisor in Merced County in 1974, and soon began to transform the way local farmers grew cotton.



Bill Weir's research transformed the way cotton is grown. His other studies include vegetable crops.

They planted cotton in rows 40 inches apart, which equaled the width of a horse. When Weir observed that even late in the season sunlight reached the soil between rows, he had an idea.

Collaborating with a local grower, he began developing the first spindle picker able to pick cotton in 30-inch rows. Then his research showed narrower spacing increased yield by 10 percent. Within 10 years, pickers for narrow-row cotton were being developed commercially—and today, nearly 90 percent of Merced County cotton is grown on narrow rows.

Innovations like this one, brought about by Weir's research, generate \$7 million more for local cotton growers annually. They also have had significant economic effect throughout the San Joaquin Valley, in the "Cotton Belt" that stretches from Arizona through Texas and across

the South, and as far away as Greece and Israel.

One study, for example, revealed that multiple applications of low rates of growth regulator are more effective than one higher-rate dose.

Weir was on the UC team that finessed cotton production in the 1990s using a technique called plant mapping. "We learned how to let the plant tell us what it needs and then act accordingly," Weir said. "We were able to cut back on inputs, saving growers money."

Said Regional Director *Linda Manton*: "I have had the privilege of knowing Bill for 17 years. He is one of the most professional and humble individuals that I have had the opportunity to work with. His work in narrow-row cotton has been recognized nationally by the cotton industry and by his colleagues across the country."

Weir has authored or co-authored 195 peer-reviewed or scientific papers. His many awards include the 1993 and 1995 Certificate of Excellence Awards from the American Society of Agronomy. Weir completed undergraduate work at Texas A&M University. He earned a master's degree in vegetable crops and a doctorate in soil science at UC Davis.

"Over the years, there were many changes in Extension," Weir said. "But, all in all, Extension has been great for me. If I were independently wealthy, I still would have liked to do what I did during my career. That's how much I've enjoyed working in agriculture, helping farmers and being a part of Extension."

—*Jeannette Warnert*

### ■ Mike Stimmann: ANR's point man on pesticide

Mike Stimmann, CE specialist emeritus in the UC Davis Department of Environmental Toxicology, retired in April after 27 years with UC.

"We are grateful to Mike for his many years of devoted service to the University," said Associate Vice President *Henry Vaux Jr.* "I am particularly appreciative of the leadership he provided as director of the Center for Pest Management Research and Extension as well as the Office of Pesticide Information and Coordination."

Stimmann is one of the Division's top experts on legal and regulatory issues related to pesticide management, as well as on use safety and pesticide ecotoxicology.

As statewide pesticide coordinator, Stimmann was the University's liaison to numerous federal and state agencies. He represented UC, for example, on three key advisory panels for the Department of Pesticide Regulation—including serving for more than 20 years on the Pesticide Advisory Committee and the Pest Control Advisory Com-

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Retirement gives Mike Stimmann more time to pursue his passion for painting.

## Two interim directors fill vacancy left by Wallace's retirement

A search committee will begin recruiting shortly for a new director for San Diego County CE.

In the meantime, *Carl Bell* and *Sue Manglallan*, are sharing the duties as interim directors.

Bell, regional advisor for invasive plants, handles matters related to the Division.

Manglallan, 4-H youth development advisor, assists with county interactions and the county budget.

## Retirements (from p. 5)

mittee—dealing with worker safety, public exposure and pesticide-use licensing.

In the late 1970s Stimmann and program representative **Melanie Zavala** initiated a groundbreaking bilingual pesticide safety training program for farmworkers—UC’s first. He continued to lead the program for many years, and during that time it reached thousands of farmworkers.

Stimmann also trained and advised county Extension offices on pesticide regulations, management and disposal. One of his major accomplishments, he said, was helping several counties clean up facilities where pesticides had been stored for decades and bring the sites into compliance with state regulations.

“We undertook the county pesticide storage cleanup before it became prohibitively expensive,” he observed.

Stimmann chaired the committees that wrote and revised the Division’s policy on pesticide use—section 281 in the Administrative Handbook. The policy pertains to the safe and legal use of pesticides for research, demonstration and extension purposes. Stimmann worked with the Department of Food and Agriculture and the DPR to develop an acceptable policy to allow University researchers to conduct trials with pesticides under experimental use permits.

“That’s the most important thing I did for the Division,” Stimmann said. He explained that the policy is crucial “for UC’s ability to continue to test.” Crafting the policy required taking into account research re-

quirements while also protecting public safety and the commodities being treated and tested. He oversaw the completion of the most recent revision last year.

Over the years, Stimmann and administrative assistant **Christine Joshel** reviewed thousands of ANR publications that included pesticide recommendations, including guidelines posted online.

In addition, Stimmann taught a course on the legal aspects of environmental toxicology at UC Davis for more than a decade.

These days, Stimmann and his wife, both artists, enjoy spending as much time as possible in their studio at their home in Sebastopol.

—*Gabriele Kassner*

### ■ **Mary Lu McGuire: a special talent for getting things done**

Mary Lu McGuire, an administrative specialist who has been a key member of the Division’s Oakland-based staff for many years and is known to many around the state as the long-time manager of Professional Society Meeting Fund reimbursements, retired on June 14.

A former schoolteacher, McGuire began her second career 27 years ago as support staff to UCB economist George Goldman.

She then moved to the Division’s central planning and budget group, at that time still housed in Berkeley.

**Doris Smith**, now ANR assistant director emerita, became McGuire’s supervisor at that time. “Mary Lu would take any task and always do it well,” Smith recalled. “She was totally dependable, good-natured and willing to help in any situation.

“Mary Lu’s wonderful

sense of humor made her so much fun to work with,” Smith added.

—*Gabriele Kassner*

### ■ **Janice Harwood: teacher, researcher of nutrition**

Janice Harwood, nutrition, family and consumer sciences advisor, Monterey, San Benito and Santa Cruz counties, retired July 1 following 26 years with UCCE.

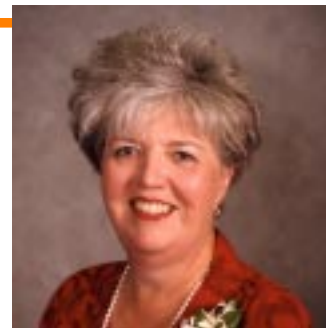
“Jan has shown tremendous empathy for her clientele,” said Monterey CD **Sonya Varea-Hammond**. “Her greatest joy has been to see them take the information she has provided and use it to improve their lives and those of their families.”

Harwood started her UC career in 1976 as a 4-H advisor and home economist in Merced County. During her tenure there, the county started to have one of the highest concentrations of Hmong immigrant families in the United States.

“Many had a hard time making the cultural adjustment, and we helped them along the way,” Harwood said. Since supermarkets carried few staples of the Southeast Asian diet, she taught Hmong women how to prepare American produce, shop in American grocery stores and use American stoves.

In 1991, she joined with UC Berkeley and UC Davis specialists and advisors from other parts of the state to study the food habits of Hmong families. “This is still the definitive study [to date],” Harwood said.

Transferring to the CE office in Monterey County in 1992, she collaborated with specialists and advisors to study child feeding strategies in low-income Latino households and the relation-



Janice Harwood was a member of a UCCE team that studied Hmong food habits.

ship in these homes between obesity and food security.

“We found that many parents were allowing children to dictate to them what they were going to eat,” Harwood said. “Surprisingly, when times were tough financially, the families would eat a more healthful diet. When they were working and had more money to spend, they would buy more snack foods, soda and fast foods.”

More recently, Harwood received a grant from the San Benito County Children and Families Commission for a project that addresses the high rate of childhood obesity in the county.

“Overweight is becoming a serious problem even for two- to five-year-old children. We need to start early to help children and their parents take control of their eating habits and their physical activities,” she said.

In 2001, Harwood wrote a curriculum that uses children’s literature to teach nutrition to youngsters and their parents. She authored or co-authored eight papers.

The six awards she received from the National Extension Association of Family and Consumer Sciences include the Excellence in Research Award, Distinguished Service Award and Nutrition Education Award.

—*Jeannette Warnert*

**S**ix new advisors have joined UC Cooperative Extension lately. The following write-ups, submitted by the regions, offer a brief introduction. Be sure to look them up in February at ANR's statewide academic staff conference.

■ **Mark Bolda** is the farm advisor for strawberries and caneberries in Santa Cruz (headquarters), Monterey, San Benito counties.

He received a master's degree in plant protection and pest management from UC Davis in 1996. His thesis compared the population dynamics of the soil-borne plant pathogen *Rhizoctonia solani* in conventionally and organically farmed tomatoes.

Before joining UCCE, Bolda worked for a private contract research group in Santa Cruz County. As the research manager working with strawberries and caneberries, he performed agrochemical registration and efficacy work for clients in the private sector and in public institutions.

Bolda now assists growers on issues such as the slated discontinuation in 2005 of methyl bromide. He can be reached at 831/763-8040; mpbolda@ucdavis.edu

■ **Sabrina Drill** is now the natural resources advisor for Los Angeles, Ventura and Orange counties. She is based at the L.A. County office.

Her programs focus on local environmental issues, particularly watershed management and water quality, as well as ecosystems restoration, habitat management and endangered species issues.

Drill joined the L.A. office last August as a postgraduate researcher while she finished a doctoral degree in geography from UCLA, where she also completed a master's in biology. Her specialty area is fisheries.

Drill did her undergraduate work at Virginia Polytechnic Institute and State University. She can be reached at 323/838-8335; sldrill@ucdavis.edu

■ **Mark A. Gonzalez** took on the job of Butte County's 4-H youth development advisor on May 13.

Of the 204,046 people living in the county, 49,834 are children under the age of 17. Forty-five percent are from low-income families.

Gonzalez focuses on addressing the needs of young people within the context of their own communities. The 4-H youth development program provides experimental educational opportunities that encourage and develop knowledge, responsibility and leadership skills.

Gonzalez was awarded a master's degree in agricultural systems technology from Utah State University, where he worked with young people in 4-H, FFA, County Conservation Days and other youth educational activities. He completed undergraduate studies in agriculture industry at Southern Utah University, Cedar City.

He can be reached at 530/538-7429; gonzalez@ucdavis.edu

■ **David R. Haviland** joined the Kern County CE office this month as its farm advisor for entomology.

Kern County is unique in the Central Valley in that its strategic location makes it the starting point of many potential pest problems. As the off-campus coordinator for pest management research and education, Haviland serves both the agricultural and urban sectors.

He also is a primary clientele contact for IPM and Extension entomology specialists and provides the local visibility for new pest management approaches in the southern San Joaquin Valley. Insect pest management has an impact on issues such as insecticide drift, food safety, worker safety, production economics and public policy.

Haviland recently earned a master's degree in plant protection and pest management from UC Davis. He did his undergraduate work in zoology at Brigham Young University.

Most recently, Haviland worked as a UCD research assistant and, before that, as an agricultural aide with Monterey County CE.

He can be reached at 661/868-6215; dhaviland@ucdavis.edu

■ **Scott Stoddard** has been the farm advisor for vegetable crops and limited resource farms in Merced and Madera counties since April 15. He is based in Merced.

Stoddard's research and extension programs address such critical issues as water and nutrient management, pest management in an era of demand for reduced pesticide risk, and application technology and variety development.

He has a master's degree in soil science from the University of Kentucky and a bachelor's degree from the University of Wyoming.

Stoddard previously was a staff research associate for UCCE in Merced County, assisting with research and education programs in agro-economic and vegetable crops.

He can be reached at 209/385-7403; csstoddard@ucdavis.edu

■ **Karen Wikler** joined the staff of Alameda County CE on June 3 as environmental horticulture advisor for Alameda, Contra Costa and Santa Clara counties.

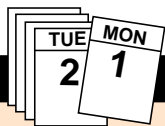
Her programs focus on environmentally sound horticultural practices in urban landscapes with emphasis on IPM. Her primary clientele are landscape managers, arborists, nurseries and public agencies. She also supervises the master gardener program in Alameda County.

Wikler has a bachelor's degree in biology (1991) from Brown University and a PhD in plant pathology (1999) from UC Berkeley. She continued her postgrad research work at UC Davis through 2001 and also studied Monterey pine demography. As a teaching and research assistant, Wikler became well versed in the biology and management practices of insect and disease problems in trees and shrubs.

Wikler, an avid gardener herself, is dedicated to promoting the use of native plants in landscaping.

She can be reached at 510/639-1252; kwikler@ucdavis.edu

## COMING UP



### AUGUST

#### Specialty Crops Field Day

Aug. 7; KAC; Manuel Jimenez  
(559/685-3303)

#### 3rd Annual California Conference on Biological Control

Aug. 15-16; UC Davis

### SEPTEMBER

#### 3rd Annual California Communities Coordinating Conference

#### “Developing Civic Muscles: Higher Education, Public Work and California’s Diverse Democracy”

Sept. 9-10; UC Davis; Jeff Woled  
(jlwoled@ucdavis.edu)

#### Shafter REC Cotton Field Day

Sept. 17; Shafter; Freddie Swing  
(661/746-8037)

#### Conservation Tillage Research and Farmer Innovation Conferences

Sept. 17; UC Davis  
Sept. 19; West Side REC (event  
will merge with Cotton Field Day)  
Jeff Mitchell 559/646-6565

#### Turfgrass and Landscape Field Day

Sept. 24; UC Riverside; Susana  
Aparicio (909/787-4430)

### OCTOBER

#### Exotic Pests and Diseases Research Workshop

Oct. 10; UC Davis; 530/752-5336  
dlconnolly@ucdavis.edu

#### Aquatic Weed School

Oct. 22-23; UC Davis  
<http://wric.ucdavis.edu>

#### Pest Management Workshop

Oct. 28-29; Sacramento; Mary Louise  
Flint (mlflint@ucdavis.edu;  
530/752-7692)

### NOVEMBER

#### Cooperatives & Communities Conf.

Nov. 1-2; Oakland; 530/752-2408  
<http://cooperatives.ucdavis.edu>

#### California Farm Conference

Nov. 17-19; Ventura; Small Farm  
Center (530/752-8136)

### DECEMBER

#### Sudden Oak Death Science Symposium

Dec. 16-18; Monterey; Joni Rippee  
(510/642-0095; rippee@nature.  
berkeley.edu)

To list events, call 510/987-0631  
or send to ANR Report (To post events on  
the ANR online events calendar, go to  
<http://calendar.ucanr.org/>)

## New slide show about ANR introduces us to various audiences and explains what we do

By Pam Kan-Rice

A new PowerPoint presentation that explains what the Division of Agriculture and Natural Resources is has been designed for presentation to boards of supervisors, clientele groups and new ANR employees.

“We Are ANR” succinctly describes the roles of the Agricultural Experiment Station, Cooperative Extension and the Natural Reserve System. The slide show interlaces photos and facts about the Division with images and slogans from the ANR cube.

The 31-slide presentation can be customized for its audience. It features numerous photos that depict ANR activities, but the photos can be replaced with photos of local projects. The pre-

sentation also contains slides to list the names, titles and photos of personnel at the local county office. Within the presentation are notes that suggest accompanying commentary. Slides can also be selected and placed into other presentations.

“We Are ANR” will be distributed on a compact disc to each county office and will be available for viewing and downloading from the “internal” section of the ANR website: [ucanr.org/internal](http://ucanr.org/internal) > communications > Governmental and External Relations > Resources.

Updates for the presentation will be made as needed.

For more information, contact Pam Kan-Rice at 510/987-0043 or [pamela.kan-rice@ucop.edu](mailto:pamela.kan-rice@ucop.edu)

## CS advisory board seeks nominations

The advisory board to ANR Communication Services seeks to fill four upcoming vacancies and is accepting nominations that can include, but are not limited to, specialists, advisors and faculty affiliated with ANR.

### Nominations are due by Aug. 9.

You may nominate yourself or someone else. Send names and addresses of nominees to Communications Advisory Board chair Susan Laughlin ([sglaughlin@ucdavis.edu](mailto:sglaughlin@ucdavis.edu)).

If nominating yourself, please indicate your areas of expertise, what prior involvement you have had with Communication Services and your membership in workgroups, continuing conferences or other coordinating bodies.

The board gives advice and support to CS Director Bob Sams on program connection, resource allocation prioritization, major policy issues, budget and planning. It also provides oversight of the peer review process for ANR educational materials.

Board members, appointed by Associate Vice President Henry Vaux Jr., serve three-year rotating terms. The new appointments begin in November. The board meets quarterly.

Serving on the board with Laughlin are: Leslie (Bees) Butler, Bill Chaney, C. Thomas Chao, Joe Connell, Mary Louise Flint, John Harper, Martha Lopez, Carole MacNeil, Milt McGiffen, Dale Moore, Michael Reid, Ed Weber.

## ANR REPORT

DIVISION OF AGRICULTURE AND NATURAL RESOURCES: Serving California through the creation, development and application of knowledge in agricultural, natural and human resources. We invite you to visit ANR's website: <http://ucanr.org>. Current and past issues of ANR Report are at <http://danr.ucop.edu/anr-report/>

Send news items and comments to Gabriele Kassner, ANR Report editor, Office of Governmental and External Relations, 1111 Franklin St., 6th Floor, Oakland, CA 94607-5200. Telephone: 510/ 987-0631; fax: 510/ 465-2659; email: [gabriele.kassner@ucop.edu](mailto:gabriele.kassner@ucop.edu)

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