

# Report Division of Agriculture and Natural Resources April 13-May 17, 2000 Vol. 13 No. 10

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# **UCCE** website gives access to presentations on demand

By Jeannette Warnert

ooperative Extension has launched a new website that gives California farmers access to certain UC agricultural meetings anytime on demand over the internet.

The website, found at http://www.efarm.org, features audio recordings of UC advisors and specialists synchronized with the photos, graphs and tables they use in their presentations.

"Meeting presentations by farm advisors and specialists are among Cooperative Extension's most valuable resources," said Mark Freeman, farm advisor in Fresno County and director of the efarm.org project. "Farmers' busy schedules make it impossible for them to attend every meeting. Now, we're bringing the meetings to their desktops."

Currently eight presentations are posted on the site,

continued on p. 8

# Joint Policy Council conference to examine food biotechnology controversy

By John Gutierrez

alifornia's higher education leadership is hosting a conference May 10 in Sacramento to address the controversy surrounding food biotechnology.

The Joint Policy Council on Agriculture and Higher Education (JPC) will convene its second annual conference, "A Contemporary Food Fight: Food Biotechnology in the Marketplace," in Sacramento.

The conference aims to provide a forum for a frank and yet scientifically informed discussion of food biotechnology. It is targeted at California consumers and policy-makers, as well as representatives from agriculture and California higher education.

Informational presentations by scientific experts will set the stage for panel presentations of various viewpoints on the food biotech controversy. Panelists representing industries affected by the controversy, state regulatory agencies, the media, and the scientific community will debate and respond to audience questions.

The JPC sessions will run in conjunction with the Great Valley Conference.

Vice President Gomes, and Warren Baker, president of Cal Poly San Luis Obispo, are the co-chairs of the JPC.

"The public debate among consumers, policy-makers, environmentalists and businesses highlights the need for knowledge," says Gomes. "Outreach and research opportunities abound when public controversies heat up. President Baker and I

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# Participants praise statewide leadership conference

By Gabriele Kassner

wo weeks after the conclusion of ANR's county and statewide programs leadership conference, Jim Sullins was still fired up.

"It was the best conference I've attended," the veteran county director told ANR Report.

What parts of the program did he find the most useful? Michael Tate's keynote address and 2-hour workshop would top his list, Sullins said. Tate is director of Washington State University Cooperative Extension.

"His passion and commitment to Cooperative Exten-

sion and its goals and objectives inspired me," Sullins noted. "Sometimes, when fighting those daily fires, we lose our connection with what brought us to Cooperative Extension in the first place. His talk brought it back into focus."

Sullins said that after listening to Tate's address, "Leadership and Learning: Keys to Success," he decided to switch his schedule to attend the workshop session Tate was leading the next morning. Tate's workshop focused on practical methods for building greater local support for CE programs.

"As county directors, we

are always faced with having to balance the threelegged stool on which the financial support for extension rests—federal, county

continued on p. 2

### Hold that date

he time and place has been selected for the Division's 2001 statewide academic meeting. It will be held Feb. 22-23 at the Convention Center in Riverside. Pre-sessions may be scheduled for Feb. 21.

The planning committee will hold its first meeting in late May.

#### **Leadership conference** (from p. 1)

and university funding—and the legs are never the same length, so the stool is always wobbling in one direction or another," Sullins said, describing one of the more demanding aspects of a county director's job.

Tate's workshop, he said, gave him "new ideas that fit our strategic planning effort locally. I've made work files from the materials we received and have used them on several occasions already," he added.

Sullins was among the 110 Division administrators from Cooperative Extension county offices, statewide special programs and projects, and research and extension centers who attended ANR's first statewide leadership conference since last July's reorganization. The conference, titled "Stayin' Alive," was held April 10-12 in San Diego.

The Division will offer a conference on leadership development bi-annually. In alternate years, the Division will host an all-staff statewide conference (see sidebar on page one).

ANR Report spoke to several people who had attended the leadership conference and reviewed the 36 evaluations received by conference planning committee member Jim Brenner. It appears that Sullins' enthusiasm for the two-and-a-half-day conference is widely shared.

Asked to rate the program, those who filled out an evaluation overwhelmingly indicated "excellent" or "very good;" there wasn't a "fair" or "poor" rating in the bunch.

"It was an excellent con-

ference," wrote one participant, adding "It had all the right elements and many innovative approaches, including the title." "Kudos to the organizing committee for creating a productive conference," wrote another.
"Good conference—thank you!" remarked a third.

Tate's keynote presentation, *Mark Wellman's* inspirational talk and *Carl Winter's* "Stayin' Alive" entertainment garnered the highest marks.

Designed to give managers more tools to support local staffs and programs and foster collaborations, the conference presented a mix of speakers, skills-building breakout sessions and networking opportunities.

"The breakout sessions led by our people demonstrated there is lots of expertise in our organization," Sullins noted. Others agreed—the attendees gave these workshops generally high ratings.

Shannon Mueller, who took on her first CE administrative assignment less than a year ago, said the workshops taught her new approaches for dealing with complex personnel management issues. She also discovered that other administrators shared similar concerns. "It's helpful to know we're not the only ones grappling with an issue," she said. She added that the program overviews by the directors of the statewide special programs and projects were of special interest. They gave her a statewide perspective and awareness of collaborative opportunities she hadn't had before.

Harry Carlson, who is both a county director and research and extension center superintendent, said he and the other REC superintendents appreciated having an opportunity to meet with CE managers statewide. He also noted that "many people enjoyed the pace [of the conference], having time for informal visiting."

Having a place and the time to connect with other members of the Division was also singled out by County Director *Larry Yee.* "I think one of the most important challenges we have right now as an organization is to rebuild community—develop a shared purpose and common set of values," Yee said. "This conference was an opportunity to begin to do that."

Regional Director Susan Laughlin also noted the benefits of networking. "I think people appreciated that there was a lot of time for informal exchanges that build bridges and trust between administrators," she said.

She pointed to the "Dialogue with the Program Council" session as exemplifying the "honest and thoughtful feedback" that she observed throughout the conference. That session focused on the criteria the Program Council plans to use in making their recommendations on position and temporary funding.

Many said that the lovely setting also contributed to the overall success of the conference.

"This was a memorable event, and the comments I've received have been overwhelmingly favorable," said Regional Director *Kim Rodrigues*, who chaired the planning committee.

"I think it showed that the Division is committed to really supporting and developing leadership," she said.

She noted that Vice President *Gomes*, Associate Vice President *Henry Vaux Jr*. and Assistant Vice Presidents *Lanny Lund* and *Milton Fujii*, as well as many of their direct reports, participated in the conference and took every opportunity to listen to feedback and to answer questions.

"The support Drs. Gomes, Vaux and Lund gave to this conference is another demonstration that there is widespread recognition of how valuable Division programs are," Rodrigues said.

She added that she would like the Division to adopt a comprehensive, long-term plan for promoting core leadership skills in all Division units.

She and Jim Brenner have begun drafting a proposal. If such a plan is approved and a curriculum developed, she would like it to be made available online, she said.

### ■ Job opportunities

■ 4-H Youth Development Advisor Kern County Closing date: June 30 #ACV-00-02

For more information, call *Cindy Inouye* at 559/646-6535 or send her an email at cinouye@uckac.edu.

#### Joint Policy Council (from p. 1)

agree that the role of higher education is clear-cut: to inform the debate—shed some light amidst the heat."

The JPC is an organization of California public higher education chief executives whose institutions have substantial agriculture programs.

By focusing on important issues for California agriculture, the JPC's goal is to foster collaboration among California's three segments of higher education: the University of California, the California State University and the California Community Colleges.

The JPC has selected food biotechnology as a highprofile public issue that stands to benefit from the collaborative education, research and outreach activities of the three systems.

The JPC intends to seek funding for proposals that involve collaboration of academics from two or more higher education systems to address this and other pressing agricultural issues.

The JPC is comprised of the chief executives of those California higher education institutions with substantial agriculture programs, and has 13 members: the chancellors of the University of California campuses at Berkeley, Davis and Riverside; the UC vice president for agriculture and natural resources; the presidents of the California State University campuses at Chico, Fresno, Pomona and San Luis Obispo; the chancellor of the California Community Colleges; the presidents of Modesto Junior College,

Mt. San Antonio College and Santa Rosa Junior College; and the chair of the JPC advisory board.

The JPC is working in cooperation with the organizers of the Great Valley Conference—the Great Valley Center, a nongovernmental organization established to foster collaboration, seek solutions and be a voice for California's Central Valley.

The JPC conference is a companion event to the Great Valley Conference, "Our Place in the World 3 —Central Valley Mosaic," being held May 10 and 11, in Sacramento.

JPC Coordinator Gutierrez can be reached at 510/987-9869 or at john.gutierrez @ucop.edu for more information.

# **Butte County support group formed** to raise funds for CE

A grass-roots campaign in Butte County to support local Cooperative Extension activities has resulted in the formation of the first county-based University support group for UC Cooperative Extension.

On April 24 Vice President *Gomes* notified *Ed Mclaughlin*, chair of the directors of the Butte County Farm Home and 4-H Support Group, that on behalf of the University he was officially recognizing them as a University support group.

The group hopes to raise as much as \$20,000 for CE in 2000-01 through tax-deductible contributions.

"This effort started with a 16-member steering committee who dedicated many hours over the last year to the formation of this group and to the application process," said County Director *Bill Olson*. The members of the committee started discussions last July to seek official recognition from the University, which enables them to "support, benefit and promote Butte County Cooperative Extension programs and services in research, teaching, outreach efforts, facilities, equipment and internships," Olson said.

"We are very appreciative and thank these volunteers and former employees, who have organized to strengthen Cooperative Extension activities in the county," said Assistant Vice President *Toby Winer*, who oversees the Division's development activities.

Olson, Regional Director *Linda Manton* and EFNEP and home advisor *Susan Donohue* are ex officio members of the support group's board of directors.



# 'How can we be of help?'

That was, according to former communications specialist Mel Gagnon, "the spoken question as well as the spirit emerging" at a gathering of Cooperative Extension retirees held March 22-24 at Asilomar. The event was organized by Luella Zamzow, a former 4-H and home economics advisor and statewide specialist. In addition to renewing friendships and touring nearby agricultural and historical sites, the 25 attendees heard from Steve Nation, ANR's director of Governmental and External Relations, who updated them on the outlook for state funding for CE in 2000-01. Nation and Assistant Vice President Toby Winer, Development Services, represented Vice President Gomes at the event.

### 12 new members join ANR planning advisory groups

A ssistant Vice President *Lanny Lund* announced the appointment of 12 new members to the Division's three program planning advisory committees, known as PPACs. The new appointees replace committee members whose terms expired at the end of 1999.

Each year the PPACs take a fresh look at the issues affecting the state and recommend adjustments, if they are needed, to the Division's three-to-five year program priorities. Their recommendations are made at the end of the year and published after they have been reviewed and endorsed by Division administrators. Their February 2000 update of program priorities can be downloaded in PDF format from the Division's homepage (http://danr.ucop.edu/).

The 15 members on each committee usually serve for three years, and their terms are staggered so that new members can be added each year. The four program leaders serve as ex officio members on the PPAC for their programmatic area. In each planning cycle, the PPACs are convened at least twice. This year, they met on April 4 and are scheduled to reconvene in September.

Members of the Division are encouraged to share their ideas with PPAC members. Here is the current PPAC membership roster. An  $\ast$  indicates the 12 members who started their terms this year:

# AGRICULTURAL RESOURCES PPAC

Jim Thompson (chair) UCD specialist Biological & ag engineering 530/752-6167 jfthompson@ucdavis.edu

Harry Andris Fresno CE advisor 209/456-7557 hlandris@ucdavis.edu

#### \* Hoy Carman

UCD professor Ag & resource economics 530/752-1525 hfcarman@ucdavis.edu

Dan Drake Siskiyou CE advisor 530/842-2711 djdrake@ucdavis.edu

David Gumpf UCR professor Plant pathology 909/787-4133 dgumpf@ucrac1.ucr.edu Ann King San Mateo-San Francisco CE advisor 650/726-9059 aiking@ucdavis.edu

John Kirk
UCD extension veterinarian
Veterinary medicine extension
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jkirk@vmtrc.ucdavis.edu

Frank Laemmlen
Santa Barbara CE county director
805/934-6240
ffleaemmlen@ucdavis.edu

Mike Murray Colusa CE county director 530/458-0577 mmurray@ucdavis.edu

\* James Oltjen
UCD specialist
Animal science
530/752-5650
jwoltjen@ucdavis.edu

Mikeal L. Roose UCR professor Botany & plant sciences, 909/787-4137 roose@ucrac1.ucr.edu

Norman Terry UCB professor Plant & microbial biology 510/642-3510 nterry@nature.berkeley.edu

#### \* Larry Teuber

UCD professor Agronomy & range science 530/752-2461 lrteuber@ucdavis.edu

#### \* John Trumble

UCR professor Entomology 909/787-5624 john.trumble@ucr.edu

Paul Vossen Sonoma CE advisor 707/527-2621 pmvossen@ucdavis.edu

Michael Reid Ag productivity program leader 530/754-6751 msreid@ucdavis.edu

Joe Morse
Ag policy & pest mgmt program leader
909/787-5814
joseph.morse@ucr.edu

#### HUMAN RESOURCE PPAC

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fhlee@ucdavis.edu

Carolyn Aldwin
UCD professor
Human & community development
530/752-2415
cmaldwin@ucdavis.edu

#### \* Nancy K. Amy

UCB professor, nutritional science & toxicology 510/642-8178 nkamy@nature.berkeley.edu

Susan Donohue Butte CE advisor 530/538-7797 ssdonohue@ucdavis.edu

Linda Garcia (chair-elect) Sonoma CE advisor 707/527-2621 lcgarcia@ucdavis.edu

Larry Harper UCD professor, human & community development 530/752-3624 lharper@ucdavis.edu

You-Lo Hsieh UCD professor Textiles & clothing 530/752-0843 ylhsieh@ucdavis.edu

#### \* Margaret Johns

Kern CE advisor 661/868-6217 mcjohns@ucdavis.edu

Richard Mahacek Merced CE advisor 209/385-7418 rlmahacek@ucdavis.edu

Michael Mann Orange CE advisor 714/708-1606 mpmann@ucdavis.edu

Patrick O'Connor-Marer IPM coordinator, IPM Education & Publications 530/752-7694 pjmarer@ucdavis.edu

Susan Oace UCB professor Nutritional sciences & toxicology 510/642-7266 oace@nature.berkeley.edu

#### \* Stephen T. Russell

UCD specialist, human & community development 530/752-7069 strussell@ucdavis.edu

#### \* Trevor Suslow

UCD specialist Vegetable crops 530/754-8313 tvsuslow@ucdavis.edu

Edwina Williams Los Angeles CE advisor 323/838-8336 euwilliams@ucdavis.edu

Karen Varcoe Human resources program leader 909/787-3419 karen.varcoe@ucr.edu

#### NATURAL RESOURCES PPAC

David M. Crohn (chair) UCR specialist, soil & environmental sciences 909/787-3333 crohn@ucrac1.ucr.edu

Barbara Allen-Diaz UCB professor ESPM-ecosystem sciences 510/642-7125 ballen@nature.berkeley.edu

Edward R. Atwill UCD specialist and veterinarian, Vet Med Teaching & Research Center 209/688-1731 ext. 218 ratwill@vmtrc.ucdavis.edu

#### \* John Carroll

UCD professor LAWR 530/752-3245 jjcarroll@ucdavis.edu

#### \* Michael De Lasaux

Plumas-Sierra CE advisor 530/283-6125 mjdelasaux@ucdavis.edu

Wayne Jensen Santa Barbara CE advisor 805/934-6240 wjjensen@ucdavis.edu Deanne Meyer UCD specialist Animal science 530/752-9391 dmeyer@ucdavis.edu

Paul Olin Sonoma CE advisor 707/527-2621 pgolin@ucdavis.edu

Ralph Phillips Kern CE advisor 805/868-6219 cekern@ucdavis.edu

Terry L. Prichard UCD specialist San Joaquin CE/LAWRhyrodology program 209/468-2085 tlprichard@ucdavis.edu

Richard Redak UCR professor Entomology 909/787-7250 redak@ucrac1.ucr.edu

Kate Scow UCD professor LAWR 530/752-4632 kmscow@ucdavis.edu

#### \* John Shelly

Forest Products Lab advisor 510/215-4210 ursfpl@nature.berkeley

Kenneth W. Tate UCD specialist Agronomy & range science 530/754-8988 kwtate@ucdavis.edu

#### \* William D. Tietje

UCB specialist San Luis Obispo CE 805/781-5938 wdtietje@ucdavis.edu

Bill Frost
Natural resources program
leader
530/621-5509
wefrost@ucdavis.edu

#### In memoriam

A memorial service was held April 10 at Freeborn Hall on the UC Davis campus for the five researchers who died in a March 27 boating accident in Baja California.

About 500 family and friends gathered to remember UCD ecologist *Gary Polis*, UCD postgraduate researcher *Michael Rose* and three faculty members from Kyoto University: *Takuya Abe, Masahiko Higashi*, and *Shigeru Nakano*.

"Gary Polis and Michael Rose were valued members of our community and they enriched our lives and the life of the University in countless ways," President *Atkinson* said in a statement read at the service. "Our mourning, however, must not overshadow their achievements and the joy so many of you took in their company. They dedicated their lives to the risks and rewards of intellectual discovery, and they have left us a bright legacy of accomplishment that will make them remembered.

"We share our sorrow with the Kyoto University community—the lamp of learning burns a little less brightly today in Kyoto and Davis."

The five scientists died when their boat capsized in rough seas as they returned to the mainland after a research expedition to study spiders and scorpions on Isla de Cabeza de Caballo. Four others on the boat were able to swim to nearby islands and were rescued.

The accident received extensive coverage from national and state news organizations.

The Gary Polis Memorial Fund has been established to support the education of his children, Evan, aged 10, and Maia, aged 4. Contributions should be made to The Gary Polis Memorial Fund, c/o First Northern Bank, 434 Second Street, Davis, CA 95616.

■ Earle Gorton Linsley, dean of the UC Berkeley College of Agricultural Sciences from 1960 to 1973, died March 8 in Sonoma, California. He was 89.

His contributions to the campus include playing an important role in transforming UCB's former agricultural college into the current College of Natural Resources, said *Henry J. Vaux Sr.*, former dean of the UCB School of Forestry.

Linsley was one of the world's leading authorities on the classification and biology of wild bees and wood-boring beetles. He also made contributions in related fields including forest entomology, the pollination of agricultural seed crops, and the study of insects affecting stored food products.

Linsley earned his PhD in systematic entomology at UC Berkeley in 1938. He began his teaching career as an instructor at UC Berkeley the following year, and advanced to professor of entomology in 1953. He chaired the entomology and parasitology department from 1951 to 1959, and then became dean of the college.

"He was truly an outstanding person, scientist and dean," said *David Schlegel*, former dean of the college. Linsley published more than 400 scientific articles and books and received many honors, including the Berkeley Citation.

# 4-H Center publishes book on youth programming in California

By Marc Braverman

here has been a nationwide explosion of interest and research on out-ofschool programs, as society recognizes the important role these programs can play in promoting positive development in youth. UCCE county programs have played an active role in this process, and some of this creative activity has now been captured in a volume titled "Advances in Youth Development Programming: Reviews and Case Studies from the University of California," produced by the 4-H Center for Youth Development and printed by Communication Services (Publication 3401).

The book consists of chapters written by 4-H advisors and other personnel from around California and edited by 4-H youth development specialist *Marc Braverman* and researchers *Ramona Carlos* and *Sally Stanley*. The book includes a foreword by nationally known developmental researcher *Nancy Leffert*.

The compilation resulted from a call for papers issued by the 4-H Center, inviting UCCE personnel to provide empirically based articles describing the development and analysis of youth development programming innovations. Incoming proposals were selected for rigor and conceptual fit, and authors were invited to develop and submit their chapters. Each chapter was peer reviewed by academic personnel both within and outside of UCCE. In addition, the full volume underwent the Communication Services publication review process.

The chapters provide an introduction to the rich variety of research-based youth programming currently underway in UCCE:

- The editors provide an introductory chapter on the challenges of studying and evaluating youth programs.
- Shelley Murdock and colleagues describe an evaluation of cross-age teaching strategies based on evidence from Bay Area youth programs.
- Rasjidah Franklin and Carolyn Hartsough describe Operation Promise, a developmental program for innercity youth in Alameda County.
- Sharon Junge and colleagues describe the beneficial effects of high-quality child care on parents' work productivity.
- Faye Lee describes the qualitative evaluation of a school-based Healthy Start program in San Francisco.
- Richard Ponzio and colleagues describe the SERIES program's extensive experience in using teens as science teachers for children.
- Richard Enfield describes the development of San Luis Obispo County's family-based science education program.
- Eric Jorgensen analyzes the complex experiences of a multi-faceted community partnership for youth in San Jose.
- Ellen Rilla and Dan Desmond complete the volume with a review and analysis of agricultural literacy programs in California.

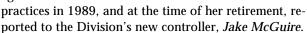
All UCCE county offices have received a complimentary copy of the book, courtesy of the 4-H Center.

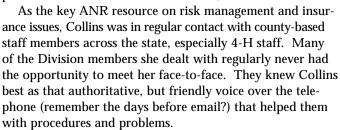
#### On the move

Kay Collins, a senior administrative analyst with ANR's Oakland-based administrative team, retired on May 1.

She has moved to a small town in western Colorado, where she intends to devote as much time as she can to weaving, gardening, cooking, hiking and camping, she told *ANR Report*.

Collins joined the Division in 1984. She became responsible for risk management and information





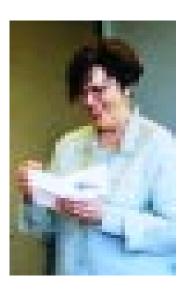
"Among the things I'll miss the most," Collins said, "is the people in the counties. They are fantastic. I wish I could have visited everyone personally. They are the lifeblood of the organization."

A multi-talented individual with many interests, Collins held a variety of jobs before joining UC. These pursuits included teaching art, being a director at an agency that trained developmentally disabled adults, and owning a weaving business.—G.K.



Farmers and other agri-business professionals will have access to the latest information on agricultural labor laws, payroll taxes, services for employers and farmworkers, and proposed and enacted ag labor legislation in *Ag-busnet*, a new UCCE electronic newsletter developed by area personnel management farm advisor *Steve Sutter*.

Ag-busnet extends and supplements Agriculture Personnel Management Program Newsletter, a CE Fresno County publication that Sutter currently mails to more than 3,000 subscribers. With the costs of printing and postage mounting, Sutter developed the new electronic forum to more efficiently communicate with his readership. To learn more about the new publication, call Sutter at 559/456-7560.



# New NRS associate director takes post May 15

atural Reserve System Director *Alex Glazer* has announced the appointment of *Chen Yin Noah* as associate director of the 33-site reserve system.

Noah assumes her new position May 15. She succeeds *Liza Riddle*, who has joined the Trust for Public Land.

Noah currently works for UC Berkeley Office of Resource Development, Business and Administrative Services, where she has been the project manager for a variety of revenue-generating business initiatives. In this capacity, she has closely collaborated with many campus units and private industry to forge strategic partnerships throughout the campus and beyond. She was also responsible for the budget and strategic development for that office.

"Noah brings much relevant experience and many valuable skills to the NRS, as well as drive and high enthusiasm for her new career," Glazer said.

Noah is a native of the Bay Area, having grown up in Orinda, a small town east of Berkeley. She completed her undergraduate work in environmental studies with honors from Brown University in 1984. She earned a J.D. from UC Davis in 1989, where she was staff editor of the "UC Davis Law Review."

Before joining UC in 1995, she was a real estate attorney with the firm of Pettit & Martin in San Francisco and later held a similar position with the Nature Conservancy. She also has worked at the Sierra Club Legal Defense Fund, San Francisco.

"I truly believe that the preservation of natural areas for the purposes of studying and understanding natural systems is one of the most important functions of the University," Noah said. "So, I'm incredibly honored and deeply gratified to be able to contribute personally to the mission of the NRS. I'm thrilled to be here!"

# 90 proposals submitted for ANR workgroup funding

Ninety proposals to fund DANR workgroups in 2000-01 were received by the April 17 submissions deadline, according to Assistant Vice President *Lanny Lund*. The number of proposals in each programmatic area is as follows:

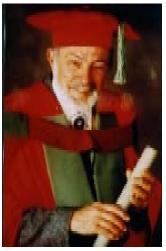
Ag policy and pest management	17
Agricultural productivity	35
Human resources	20
Natural resources	18

The process of evaluating the proposals has begun and will be described in detail in the next *ANR Report*.

Award announcements will be mailed July 1, along with the announcements of the allocations for permanent and temporary budgets and for Hatch funds.

#### Names in the news

- Bill Jury, a professor of soil physics at UC Riverside, was among 60 new members and 15 foreign associates, elected to the National Academy of Sciences this year. "This is a distinction reserved for the very top scientists in the nation, and represents a recognition, at the highest levels, of the invaluable contributions that Bill has made to science throughout his career," said Marylynn Yates, chair of the UCR department of environmental sciences.
- Elaine Miller Bond, senior science writer for the Natural Reserve System, is the author of the cover article for the Spring 2000 issue of UCSD Perspectives. Her article, "Mother Nature's Labs," provides an overview of the research and educational programs conducted on the four reserves in San Diego. The magazine is distributed to 20,000 readers, including donors, civic leaders, alumni and faculty. The magazine is not yet on the internet, but copies can be obtained from editor Denys Horgan (dhorgan@ucsd.edu).
- Brian Staskawicz, UCB, has been elected a fellow of the American Academy of Microbiology. He conducts research on the molecular genetics of plant-pathogen interactions. Recently, he has been working with a bacterial pathogen that causes disease in pepper and tomato plants. His lab has isolated the disease resistance gene in the pepper and has introduced it into the tomato plant, making the tomato resistant to the pathogen. He



Chester N. Roistacher

also is a fellow of the National Academy of Sciences.

■ Chester N. Roistacher, a retired staff scientist in the plant pathology department at UC Riverside, received an honorary doctorate from the University of Pretoria in South Africa in recognition of his contributions to the South African citrus industry.

Roistacher, an internationally recognized plant virologist who was associated with the California Citrus **Clonal Protection Program** at UCR for 26 years, was cited for his role in establishing South Africa's Citrus Improvement Programme. That program, which provides propagation material to citrus nurseries and groups, enabled the country's citrus industry to thrive, according to the Council of the University of Pretoria, which conferred the honorary degree.

#### New number

The new telephone number for *Alberto Hauffen*, senior writer in Spanish Broadcast and Media Services, is 909/787-2769.

#### **COMING UP**



#### **JUNE**

- \*Conservation Biology Workgroup June 1; UCD; Cal Qualset (530/754-8502; coqualset@ucdavis.edu)
- \*Black Berry Field Day June 6; Kearney Ag Ctr; Manuel Jimenez (559/733-6791)
- \*Squash Field Day June 12; Kearney Ag Ctr; Manuel Jimenez (559/733-6791)
- \*Mother Lode Wine Grape and Olive Oil Day

June 16; Murphys; Ken Churches (209/754-6477)

- \*Variety Display Meeting
  June 20; Kearney Ag Ctr; Kevin Day
  (559/733-6485)
- \*Geoinformatics 2000 Conference June 20-23; CSU Monterey; Maggi Kelly (mkelly@nature.berkeley.edu)

Organic Farming in the San Joaquin Vlly June 29-30; Reedley; Richard Molinar (559/456-7555; rhmolinar@ ucdavis.edu)

#### **JULY**

\*2nd California Conference on Biological Control

July 11-12; Riverside; Lisa Arth (909/787-7292; website http://biocontrol.ucr.edu)

\*New listing

To list events, call 510/987-0631 or send to ANR Report

# Off the press

Recently available from ANR Communication Services is the *Organic Apple Production Manual*, a concise, 72-page compendium of more than 20 years of state-of-the-art UC research and grower experience.

"This is an indispensable resource for current or potential producers of organic apples," said *Sean L. Swezey*, director of the Sustainable Agriculture Research and Education Program (SAREP) and one of the book's principal authors. "Modern apple production is a highly technical undertaking to begin with. Producing apples organically requires even more vigilance and ingenuity to deal effectively with pest control, soil fertility and postharvest handling and other management challenges."

#### **Efarm** (from p. 1)

including a 37-minute talk by IPM advisor *Phil Phillips* on the glassy-winged sharpshooter. Phillips' presentation includes 62 images that are useful in distinguishing the glassy-winged sharpshooter from other sharpshooters and identifying signs of glassy-winged infestation and parasitism.

Other presentations on the website deal with shredding and chipping of almond prunings, reducing the environmental impact of orchard sprays, controlling fireants and improving shell seal in almonds.

Currently, efarm.org focuses on meetings in the central San Joaquin Valley. However, Freeman said eventually agricultural presentations made all over the state will be included on the website. "Many people absorb information best when it is spoken and shown, rather than presented in a written format. Efarm.org was designed with them in mind," Freeman said. "And with the explosive growth in World Wide Web usage, especially among younger farmers, we believe that our clients will come to rely on this means of obtaining UC's researchbased information."

Each of the presentations is made available in formats compatible either with modem connections or with higher-speed connections, such as local area networks, cable modems, ISDN lines or T1 lines. For low bandwidth users, an audio-only format is posted.

Users will need a copy of RealPlayer 7 to view the slide shows. A free version of the software can be downloaded from the internet. A link to the Real-Player download site is provided at the bottom of each efarm.org presentation page. For more information, contact *Jeannette Warnert* at 559/241-7514 or jwarnert@uckac.edu.

Efarm.org was recently spotlighted on UC's Newswire. The website was created with seed money provided by the Division's Program Council.

Warnert is ANR's senior public information representative in Fresno.



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### UC task force report on Pierce's disease now available on internet

There is now a quick and easy way to gain access to the "Report of the University of California Pierce's Disease Research and Emergency Response Task Force."

The full report had been posted at ANR's online media kit for the glassy-winged sharpshooter and Pierce's disease, from where it can be downloaded in HTML or PDF versions.

Other related materials are at your fingertips as well including the brochure on the glassy-winged sharpshooter, color photos, slide presentations, news releases, a list of UC experts, radio news features and links to other useful sites. Visit <a href="http://danr.ucop.edu/news/MediaKit/GWSS.shtml">http://danr.ucop.edu/news/MediaKit/GWSS.shtml</a>

THANK YOU TO THE FOLLOWING PEOPLE for contributing to this issue of ANR Report: Pam Fabry, David Flattery, Jill Goetz, Jason Joseph, Lorrie Mandoriao, Peggy Michel, Susan Rumsey and John Stumbos.

# **ANR REPORT**

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