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UC land grants: A photo history

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Research takes root: 1919–1945

A. A Picnic Day parade float at the University Farm in Davis featured a farm electrification demonstration, circa 1920.

B. From 1922 to 1934, Thomas Tavernetti, in a field of millet, was assistant dean of agriculture at the University Farm, which was designated as UC Davis in 1959.

C. At UC Berkeley, Ansel F. Hall constructed a relief model of Yosemite Valley in 1921. Hall went on to become the first park naturalist of Yosemite National Park.

D. In the 1930s, a researcher in the Citrus Experiment Station's Division of Plant Pathology studied citrus fruit quality. The station became UC Riverside in 1954.*

E. The 1920s are often considered the "golden age" for extension, with outreach helping many families achieve better livelihoods. In San Diego County, a farm advisor posed in his Model T.

F. UC Berkeley's Division of Forestry was established in 1913, with field camps in the Sierra Nevada. In 1926, advisors visited Whitaker's Forest; the image was taken by Woodbridge Metcalf, UC Berkeley forestry faculty from 1914–1956.

G. During the 1930s, chemical methods to control citrus pests were tested in a large fumigator at the Citrus Experiment Station in Riverside.



Fritz-Metcalf Collection/UC Berkeley/lib.berkeley.edu/BIOS/fmpc



ANR Communication Services



Special Collections & Archives, UC Riverside Libraries

* Corrected by California Agriculture April 13, 2012, after press run: "in 1954" not "in 1959."



Golden Book of California: 1860–1936



Fritz-Metcalf Collection/UC Berkeley/lib.berkeley.edu/BIOS/fmpc

Donating public lands to the several States and to benefit of agriculture and the mechanic arts

1946-2000



Ansel Adams Flat Lux Collection, UCR/CMP

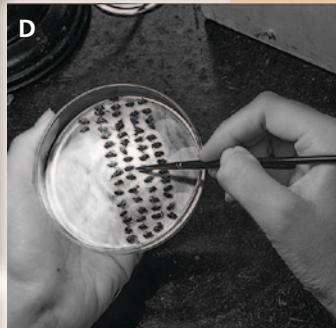


Special Collections, General Library, UC Davis

**Postwar years:
1946-2000**



Ansel Adams Flat Lux Collection, UCR/CMP



Ansel Adams Flat Lux Collection, UCR/CMP

A. The School of Veterinary Medicine was the first professional school at UC Davis; the first classes were in September 1948.
B. Extension biologist George Cooke is seen in the distance (in 1966)* in the cellars of the enology building at UC Davis, where research and outreach has been instrumental in building the state's \$18.5 billion wine industry.
C. In 1966†, watershed experiments were conducted at Hopland Research and Extension Center, one of 10 RECs operated by UC ANR. The centers represent the state's diverse growing conditions and natural ecosystems.



Ansel Adams/Special Collections, General Library, UC Davis



Jack Kelly Clark/UC Statewide IPM Program

D. UC Riverside entomology professor Vern Stern made critical contributions to IPM science; in 1966, lygus bugs, an important cotton pest, were segregated in his lab.
E. UC Berkeley and UC Davis biologist and geneticist G. Ledyard Stebbins (center) led an agricultural field trip, circa 1967.
F. UC Davis entomology professor Frank Zalom directed the UC Statewide IPM Program for 16 years; circa 1990, he placed a trap to monitor for oriental fruit moth.
G. The IMPACT (Integrated Management of Production in Agriculture using Computer Technology) system was established at UC Davis in 1979 (shown in 1981).



Jack Kelly Clark

H. In 1987, UC Berkeley plant pathologist Steven Lindow received permission to field-test genetically altered *Pseudomonas syringae* (known as "ice minus" bacteria) as a frost-preventive on potatoes in the Tulelake area.
I. UC has published peer-reviewed research and news in *California Agriculture* journal continuously since 1946.

* Corrected by California Agriculture April 13, 2012, after press run: "(in 1966)" not "(in 1960)."
 † Corrected by California Agriculture April 13, 2012, after press run: "In 1966" not "In 1960."



Gary Andersen

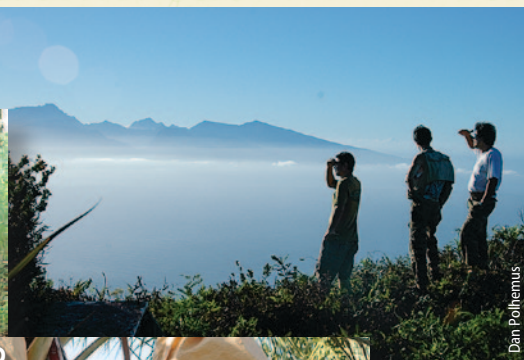




James Block



Matteo Garbelotto, Lab, UC Berkeley



Dan Polhemus



Carlos Puma/UCR Strategic Communications

Recent research highlights

A. Peggy Lemaux (second from right) examines sorghum in a UC Berkeley greenhouse; Lemaux was named the nation's first biotechnology advisor in 1990.

B. Botanists led by Jean-Yves Meyer (center) look out from Mt. Tohiewa on the Polynesian island of Moorea, during a plant-collecting expedition. UC Berkeley researchers are barcoding an entire tropical ecosystem on Moorea.

C. Matteo Garbelotto, forest pathology specialist at UC Berkeley, co-discovered the agent responsible for sudden oak death and is working to stem its spread.

D. UC Riverside entomology professor Thomas Perring investigates carob moth, a key pest of ripening date fruit.

E. UC Riverside entomologist Beth Grafton-Cardwell's work targets IPM and biocontrol solutions for citrus pests.

F. Carole Meredith, professor emerita of viticulture and enology at UC Davis, uses DNA analysis to determine the heritage of wine grape varieties.

G. Medical ecologist Rob Atwill, who leads the Western Institute for Food Safety at UC Davis, tests water samples for disease-causing microbes that could be transferred between livestock, wildlife and humans.

H. UC Davis plant scientist Abhaya Dandekar and colleagues have fused two genes to engineer resistance to Pierce's disease of grapevines.

I. UC school garden studies, curricula and projects have introduced thousands of students across the state to important science and health concepts. The California Master Gardener Handbook, published by ANR Communication Services, is a top seller.



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UC Davis



Karin Higgins



Suzanne Parsley



Gregory Urquiaga

Research highlights