

# UCR



## Secret Pots of Money “Agriculture”

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# Presentation Outline

- › WE LURED YOU WITH FOOD! 😊
- › State Funding
  - › Dept. of Food and Ag (CDFA)
  - › Dept. of Pesticide Regulation (CDPR)
  - › Strategic Growth Council (SGC)
- › Federal Funding
  - › Natural Resources Conservation Service (NRCS)
  - › Animal and Plant Health Inspection Service (APHIS)
  - › Foundation for Food and Agricultural Research (FFAR)
  - › NIFA Equipment Grants
  - › NIFA HSI Grants

# CDFA: Healthy Soils Program Demonstration Projects

- › Overview: Funds come from the greenhouse gas reduction fund (GGRF). Help lower GHGs by sequestering carbon in soils.
- › Eligibility: UC eligible to apply for 2017 demonstration projects. (UC not eligible for the incentives program. Instead, UC is eligible for “technical assistance workshop” grants of \$5,000 for the incentives program.)
  - › Type A: Projects are required to implement the selected eligible agricultural management practice(s) and include field measurements of GHG emissions at the on-farm demonstration sites where soil management practices are implemented, in addition to conducting outreach and education to other farmers and ranchers. The maximum grant award for a Type A project is \$250,000.
    - › UC Davis and ANR received several awards.
- › **Deadlines**
  - › RFP released: March 6, 2018
  - › Proposals due: April 13, 2018
- › **Total Funding and Award Size**
  - › Total: \$3 million
  - › Maximum Award: \$750,000
- › **Website:**  
<https://www.cdfa.ca.gov/oefi/healthypoils/DemonstrationProjects.html>

# CDFA: Specialty Crop Block Grant Program

- › Overview: Farm Bill funds passed through from USDA/AMS. Enhance the competitiveness of CA's specialty crops
- › Eligibility: UC is eligible.
- › Deadlines:
  - › RFP released: September 12, 2017
  - › Proposals due: October 13, 2017
- › Total Funding and Award Size:
  - › Total: \$19 million
  - › Maximum award: \$300,000
- › Website:
  - › <https://www.cdfa.ca.gov/SpecialtyCropCompetitivenessGrants/>

<i>Campus</i>	<i>Total \$</i>	<i>% of Overall Total</i>
Davis	\$ 22,275,484	71.27%
Riverside	\$ 3,525,714	11.28%
ANR	\$ 2,837,641	9.08%
Berkeley	\$ 1,425,280	4.56%
Santa Cruz	\$ 570,640	1.83%

Fig 1. CDFA Specialty Crop awards (2013-2015)

## CDFA: Specialty Crop Multi-State Program

- › Overview: Competitively funds projects to solely enhance the competitiveness of specialty crops through collaborative, multi-state projects that address regional or national level specialty crop issues, including food safety, plant pests and disease, research, crop-specific projects addressing common issues, and marketing and promotion.
  - › Applications are screened by CDFA, but funded ultimately by USDA/AMS.
- › Eligibility: UC is eligible.
- › Deadlines:
  - › RFP released: June 26, 2017
  - › Proposals due: September 25, 2017
- › Total Funding and Award Size:
  - › Total: \$7 million
  - › Maximum award: \$1 million
- › Website:  
[https://www.cdfa.ca.gov/Specialty\\_Crop\\_Competitiveness\\_Grants/scmp.htm](https://www.cdfa.ca.gov/Specialty_Crop_Competitiveness_Grants/scmp.htm)  
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# CDPR: Research Grants Program

- › Overview: Research grants develop practices that contribute to an integrated pest management (IPM) system to reduce use of high-risk pesticides and their unanticipated impacts on public health and the environment. These IPM systems may be promoted in the future through DPR's Alliance Grant Program, which emphasizes outreach and implementation.
- › Eligibility: UC is eligible.
- › Deadlines:
  - › RFP released: September 5, 2017
  - › Concept papers due: September 29, 2017
  - › Proposals due: December 13, 2017
- › Total Funding and Award Size:
  - › Total: \$1.1 million
  - › Maximum award: \$500,000
- › Website:
  - › <http://www.cdpr.ca.gov/docs/pestmgt/grants/research/index.htm>

<i>Campus</i>	<i>Total \$</i>	<i>% of Overall Total</i>
Davis	\$ 3,383,685	38.16%
ANR	\$ 2,670,438	30.12%
Riverside	\$ 1,291,170	14.56%
San Francisco	\$ 921,067	10.39%
Santa Cruz	\$ 399,304	4.50%
Berkeley	\$ 200,482	2.26%

*Fig 1. CDPR Research Grants Program (2013-2015)*

# CDPR: Alliance Grants Program

- › Overview: DPR's Pest Management Alliance Grant Program, established in 1997, provides funding for projects that increase implementation and adoption of proven, effective integrated pest management (IPM) practices that reduce pesticide risks to human health and the environment. A key component of these projects funded is the formation of an Alliance, a team of individuals representing state, local, public, private, educational, and other stakeholders in the adoption and implementation of urban and agricultural IPM practices.
- › Eligibility: UC is eligible.
- › Deadlines:
  - › RFP released: January 2, 2018
  - › Concept papers due: February 2, 2018
  - › Proposals due: April 3, 2018
- › Total Funding and Award Size:
  - › Total: \$400,000
  - › Maximum award: \$400,000
- › Website: <http://www.cdpr.ca.gov/docs/pestmgt/grants/research/index.htm>

# SGC: Sustainable Ag Lands Conservation

- › Overview: Protecting critical agricultural lands from conversion to urban or rural residential development promotes smart growth within existing jurisdictions, ensures open space remains available, and supports a healthy agricultural economy and resulting food security.
  - › Agricultural Land Conservation Strategies and Outcomes (Strategies) – Grants to design and implement a local or regional agricultural land conservation strategy that reduces GHG emissions through the long-term protection of agricultural lands under threat of conversion
- › Eligibility: Cities, counties, NGOs, resource conservation districts, and open space districts. UC could likely be a subawardee.
- › Deadlines:
  - › RFP released: February 23, 2018
  - › Pre-proposals due: May 22, 2018
  - › Proposals due: August 1, 2018
- › Total Funding and Award Size:
  - › Total: \$1 million
  - › Maximum award: \$250,000
  - › Match: 25% minimum
- › Website: <http://sgc.ca.gov/programs/salc/resources/>



# SGC: Climate Change Research

- › Overview: The research program was initiated by Cap-and-Trade legislation and supports “research on reducing carbon emissions, including clean energy, adaptation, and resiliency, with an emphasis on California.”
  - › 2018 research priorities include: Integrating land use, conservation, and management into California’s climate change programs.
    - › Additional research is needed to understand the relationships between natural and social systems, and to develop mechanisms that integrate and account for ecosystem services (including those from freshwater and coastal environments) in conservation, management, and development decisions and in the State’s climate change programs. Research results can include tools and methodologies to assess and advance State and local planning decisions. Addressing these issues will require expertise spanning multiple disciplines, including planning, public policy, economics, ecology, agriculture, and others.
- › Eligibility: UC is eligible
- › Deadlines:
  - › RFP released: February 28, 2018
  - › Proposals due: April 13, 2018
- › Total Funding and Award Size:
  - › Total: \$11 million
  - › Maximum award: \$4 million
- › Website: <http://sgc.ca.gov/programs/climate-research/>

# NRCS: Conservation Innovation Grants

- › Overview: CIG projects are expected to lead to the transfer of conservation technologies, management systems, and innovative approaches (such as market-based systems) into NRCS technical manuals and guides or to the private sector. CIG is used to apply or demonstrate previously proven technology in order to increase adoption with an emphasis on opportunities to scale proven, emerging conservation strategies.
  - › Make use of proven technology or a technology that has been studied sufficiently to indicate a high probability for success,
  - › Demonstrate, evaluate, or verify environmental (soil, water, air, plants, energy and animal) effectiveness, utility, affordability, and usability of conservation technology in the field,
  - › Adapt conservation technologies, management, practices, systems, procedures, approaches, and incentive systems to improve performance, and encourage adoption, or
  - › Introduce conservation systems, approaches, and procedures from another geographic area or agricultural sector, or
  - › Demonstrate transferability of knowledge.
- › Eligibility: UC is eligible
- › Deadlines:
  - › RFP released: December 18, 2017
  - › Proposals due: February 26, 2018
- › Total Funding and Award Size:
  - › Total: \$20 million
  - › Maximum award: \$4 million
- › Website: <http://sgc.ca.gov/programs/climate-research/>

# APHIS: Sec. 10007

- › Overview: “Suggestions” should focus on specialty crops.
- › Six main goal areas:
  - › Goal 1: Enhance plant pest/disease analysis (1A) OR survey (1S)
  - › Goal 2: Target domestic inspection activities at vulnerable points in the safeguarding continuum
  - › Goal 3: Pest identification and detection technology enhancement
  - › Goal 4: Safeguard nursery production
  - › Goal 5: Outreach and education
  - › Goal 6: Enhance mitigation capabilities
  - › In FY 2018, the bulk of the funds went to Goals 1S and 6
  - › NCPN also funded out of Sec. 10007 (with ~\$5 million set aside)
- › Eligibility: UC is eligible
- › Deadlines:
  - › “Implementation Plan” released: July 2017
  - › Proposals due: August 2017
- › Total Funding and Award Size:
  - › Total: \$70 million
  - › Maximum award: No maximum stated. Awards are generally in the \$100,000s, but CDFA has received large survey grants (Goal 1S) for \$3-4 million
- › Website: <https://www.aphis.usda.gov/aphis/resources/farm-bill>

# FFAR

- › Overview: Established by the 2014 Farm Bill with \$200 million. Challenge areas include:
  - › Challenge areas:
    - › Food waste and loss
    - › Protein challenge
    - › Water scarcity
    - › Innovation pathway to sustainability
    - › Health soils, thriving farms
    - › Urban food systems
    - › Making My Plate your plate
  - › Solicitations are one-off and not annual. Follow Sally Rockey's blog for the latest updates.
  - › Requires a 1:1 match. Rosibel Ochoa and Jim Llano may be able to help finding an industry match.
- › Eligibility: UC is eligible.
- › Website: <https://foundationfar.org/ffar-blog/>

# NIFA: Hispanic-Serving Institution

- › Overview: To promote and strengthen the ability of HSIs to carry out higher education programs that attract, retain, and graduate outstanding students capable of enhancing the nation's food, agriculture, natural resources, and human sciences professional and scientific work force
- › Eligibility: UCR is eligible.
- › Deadlines:
  - › Solicitation released: February 7, 2018
  - › Proposals due: April 5, 2018
- › Total Funding and Award Size:
  - › Total: \$8.8 million
  - › Maximum award: Regular: \$250,000; Collaboration (\$1 million); Conference (\$50,000)
- › Website: <https://nifa.usda.gov/funding-opportunity/hispanic-serving-institutions-education-grants-program-hsi>

# USDA Equipment Grants

## › **Strengthening Grants via NIFA/AFRI**

- › Equipment grants are designed to strengthen the research, education, and/or extension capacity of institutions and are intended to fund items of equipment that will upgrade infrastructure.
  - › Each request shall be limited to one major piece of equipment within the cost range of \$10,000-\$250,000 and is not renewable. The amount of federal funding requested shall not exceed 50 percent of the cost or \$50,000, whichever is less. No installation, maintenance, warranty, or insurance expenses may be paid from these grants, nor may these costs be part of the matching funds. Indirect costs are not permitted on Equipment grant awards.
- › UCR is eligible, but many other R1s are not.

## › **Equipment for HLB/Citrus work via APHIS/MAC**

- › **MUST** be for huanglongbing or Asian Citrus Psyllid work and **MUST** be connected to a project that will have a near-term impact on commercial citrus growers.
- › “Suggestions” are submitted to APHIS/MAC and deadline is rolling.