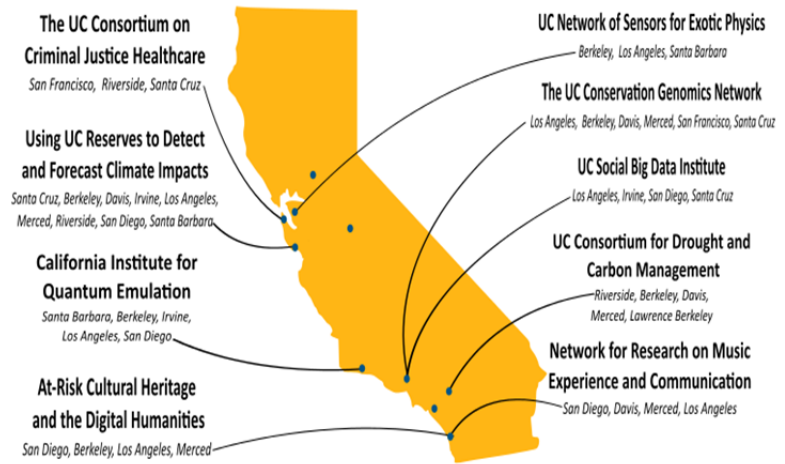




In its first two years, the President's Research Catalyst Awards have funded nine projects totaling \$7.9 million. The impact of this critically important investment has been felt across the UC system. These awards have catalyzed:

Innovative scholarship with real-world benefit

The President's initiative has provided funding to **over 50 UC faculty**, working in collaboration to tackle some of California's most challenging issues, from climate change and environmental conservation to cultural preservation. This diverse portfolio leverages expertise across the system, drawing on rich resources at all ten campuses, the UC Natural Reserve System, the UC medical centers, Cal IT2, the agricultural research stations, and Lawrence Berkeley National Lab. This cutting-edge research has helped grantees secure **more than \$1.8 million in extramural funds** in the first year alone.



Training for the next generation of problem-solvers

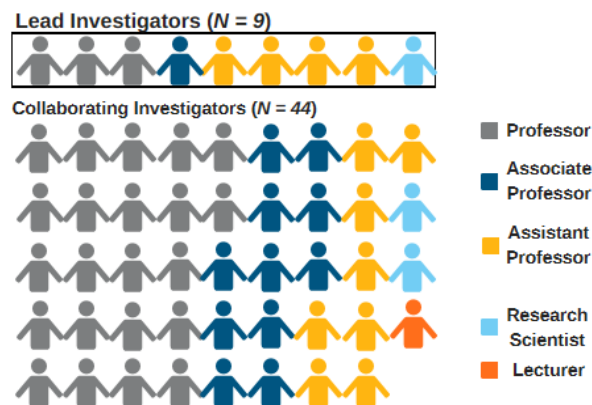
Catalyst Award funding has provided about **\$2 million to 59 UC graduate students** for tuition and research stipends, helping propel them into successful careers that benefit California and the nation, and advance basic science discoveries. As one example, student trainees construct and run particle detectors as part of the *UC Network of Sensors for Exotic Physics* collaboration. Overall, Catalyst project teams also include **more than 20 UC undergraduate students** directly engaged in research endeavors.

Public engagement in the UC research mission

UC research teams connect with the California public through a variety of strategies. Notable examples include:

- ❖ **Community Outreach:** *At-Risk Cultural Heritage and the Digital Humanities* is installing kiosks in two museums so the public can virtually interact with 3D projected photographs and models of at-risk archeological sites.
- ❖ **Citizen Science:** *The UC Conservation Genomics Network* has created a biodiversity sampling toolkit for the public to actively document and collect environmental samples from habitats across California.
- ❖ **Public Policy:** *The UC Consortium on Criminal Justice Healthcare* leverages UC knowledge and community partnerships to present actionable policy solutions to lawmakers, including the State Senate Mental Health Caucus.

Faculty collaboration across campuses and mentorship across career stages



Collaboration is key to the success of Catalyst Awards, and the funding stimulates multidisciplinary engagement across campuses and among faculty of all career stages. Leadership opportunities for early career faculty are supported by mentorship and professional development that position UC faculty for even greater success and attract new faculty to our campuses. **Four of the projects (44%) are led by assistant professors, and two-thirds of Catalyst research projects are composed of teams that include assistant, associate, and full professors.**