

# *The UC Lab Fees Research Program*

*Advancing Innovation and Partnership  
Through UC – National Lab Collaborative Research*



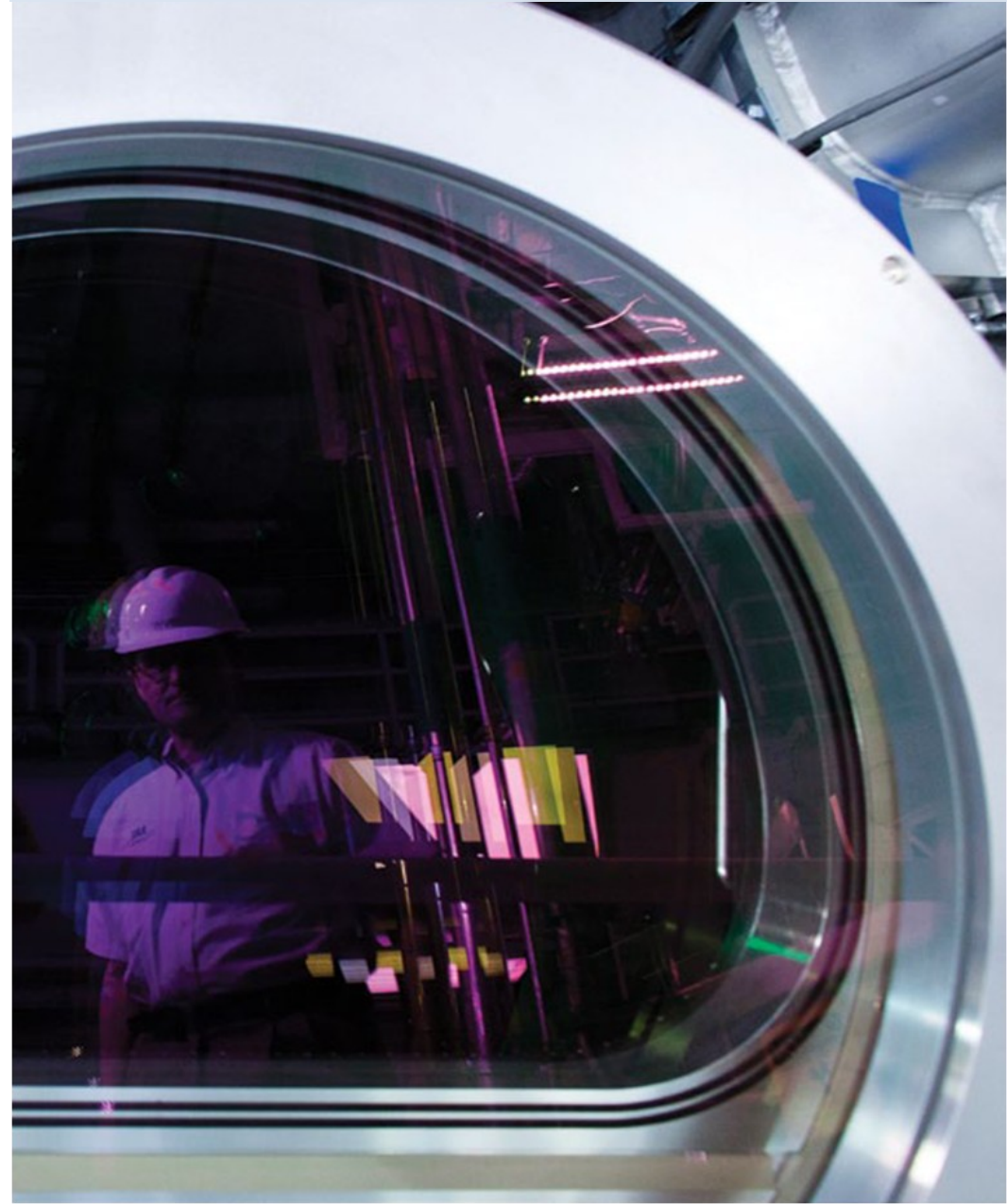
*UC Research Initiatives offer unique opportunities for collaboration and seed funding across the full breadth of academic scholarship to benefit UC, California, its people and the nation. UCRI research awards direct UC systemwide investments to emerging, promising areas of basic and applied research, and create avenues to pursue novel approaches at the frontiers of knowledge.*

*To learn more about future funding opportunities, please visit our website:*

<http://www.ucop.edu/research-grants-program/>

Email: [RGPOGrants@ucop.edu](mailto:RGPOGrants@ucop.edu)

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## UC Office of Research & Graduate Studies ~ Research Grants Program Office

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Established in 2008, the UC Lab Fees Research Program is sponsored by the University of California, Office of the President. Funding for the program comes from the net fee income UC receives for managing the Livermore and Los Alamos National Labs on behalf of the US Department of Energy.

Steven Beckwith, Vice President, Research and Graduate Studies at the UC Office of the President, is the primary sponsor of the UC Lab Fees Research Program. Oversight of the program resides in the Research Grants Program Office (RGPO), under Executive Director Mary Croughan. Kathleen Erwin, Director of UC Research Initiatives (UCRI), has direct responsibility for the program.

Working collaboratively with our colleagues at the UC Laboratory Management Office and the Los Alamos and Livermore National Labs, we strive to ensure that the UC Lab Fees Research Program attains the highest levels of research and collaboration to advance the research and public service missions of both UC and the national labs.

### UC-National Laboratory Research Collaborations

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The UC Lab Fees Research Program sponsors innovative research, fosters new collaborations between UC faculty and lab researchers, and provides unique training opportunities for UC graduate students and postdocs. The program brings to bear the distinct strengths and facilities of the research partners to launch compelling, multi-disciplinary and inter-disciplinary projects that carve out new frontiers of knowledge. Awarded projects span the physical and life sciences, engineering, computer and numerical sciences, energy, environmental, earth and space sciences, social sciences and policy studies.

In both the 2008 and 2012 competitions, the program received more than 500 collaborative applications proposing research totaling over one-half billion dollars, and underscoring the degree to which this initiative addresses the interests and priorities of researchers at both UC and at the Labs. Based on available funding, only 10% of proposals could be funded, and many highly meritorious projects could not be awarded. Funded projects may receive up to three years of support, and the active portfolio of research totals more than \$52 million.

***The UC Lab Fees Research Program supports training opportunities in all fields, from nuclear scientists and engineers to social scientists studying conflict and peace. By training this next generation of experts, UC solidifies its leadership in shaping national and international affairs.***



### Top Facilities and Unique Partnerships

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The UC-managed national laboratories unravel national security and energy challenges utilizing the top technology and facilities in the world to carry out their mission. The UC Laboratory Fees Research Program enhances access to these facilities for scientists and graduate students from all 10 campuses for unclassified research that benefits California and the nation.

The program also creates unique partnerships among problem solvers addressing a wide range of issues, including:

UC Merced environmental engineers work with Lawrence Livermore National Laboratory scientists, who have developed the most sophisticated instruments to measure carbon dioxide in an effort to parse out harmful greenhouse gases hovering over urban areas.

A UC Irvine psychologist-law professor and a Livermore chemist examine the use of forensic science in investigating weapons of mass destruction (WMDs). This research may help shape policy in how the US tracks WMDs or links them to terrorist events.

The Berkeley Nuclear Research Center (BNRC) collaborates with LANL and LLNL to train the next generation of scientists and engineers in nuclear safety and non-proliferation. BNRC trainees had the opportunity to work with lab scientists on data analysis from the Fukushima nuclear power plant disaster. These unique opportunities not only help address a crisis abroad, but also help enhance US knowledge and preparation to ensure the safety and security of our own energy infrastructure.