

SUSTAINABLE RESEARCH PATHWAYS WORKSHOP BUILDING CONNECTIONS ACROSS DIVERSE COMMUNITIES WITH COMPUTING SCIENCES AT DOE LABS

Research Opportunities For Faculty and Students from Diverse Backgrounds

Imagine yourself and/or your students spending the summer of 2017 collaborating with computing sciences staff at Lawrence Berkeley National Laboratory, Lawrence Livermore National Laboratory, or Sandia National Laboratories, developing solutions to pressing scientific and engineering problems while making use of some of the fastest supercomputers, tools, methods, and high performance computing resources.

Networking and Exploratory Workshop

To facilitate the matching of faculty and their students to Lab research opportunities, selected faculty will be invited to a workshop at Berkeley Lab on December 6-7, 2016. Computing sciences staff will discuss their research projects and interests. Invited faculty will present their work during a poster blitz and poster session. Ample time will be provided for further discussions to explore potential research collaborations and sponsored programs.

This workshop, developed under a partnership between Sustainable Horizons Institute and three Department of Energy (DOE) National Laboratories, is designed for faculty from a variety of institutions including Minority Serving Institutions (MSI) and women's and community colleges, who are supporting students from under-represented or under-privileged backgrounds. Faculty will learn about opportunities for themselves and their students to engage in collaborative leading-edge research with computing scientists at participating DOE National Labs.

Come to learn about research projects and faculty and student opportunities at the labs

Faculty Benefits

- Travel funding to attend matching workshop December 6-7, 2016
- Assistance in applying for DOE and laboratory summer programs

Student Benefits

- Assistance in applying for DOE and laboratory summer programs

Application requirements and other details: <http://shinstitute.org/srpf/>

Application deadline: Friday, October 21, 2016

See back page for additional details.

A brighter scientific future is on the horizon



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Opportunities

Research Areas

Berkeley Lab

- [Computational Research Division](#)
- [Scientific Networking Division](#)
- [National Energy Research Scientific Computing Center](#)

Lawrence Livermore National Lab

- [Center for Applied Scientific Computing](#)
- [Computation Directorate](#)

Sandia National Labs

- [Center for Computing Research](#)
- [Computing and Information Sciences](#)
- [Sandia California](#)

Summer Programs

Faculty/Student Teams

- [DOE Visiting Faculty Program](#)
- [Berkeley Lab Undergraduate Faculty Fellowship](#)
- Other collaboration opportunities are available

Workshop Details

Selection

- Lab scientists review applications and select faculty participants based on their potential for a research collaboration match

Travel

- Faculty selected to attend the networking workshop will be notified in November and travel arrangements for the workshop must be completed by November 22, 2016

Program Assistance

- Faculty who have successfully matched after the workshop will be assisted with application to appropriate summer program

Student Intern programs

- [Berkeley Lab Computing Science Summer Program](#)
- [Lawrence Livermore Lab Computation Intern Program](#)
 - [Cyber Defenders](#)
 - [Data Heroes](#)
- [Sandia Interns and Co-Ops](#)



Faculty and Staff at 2015 Workshop

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