Pacific Northwest National Laboratory researchers honored for science and engineering education leadership

http://www.fristlight.cn 2007-04-28

[作者] Pacific Northwest National Laboratory
[单位] Pacific Northwest National Laboratory
[摘要] April 26, 2007，RICHLAND, Wash. – Pacific Northwest National Laboratory today honored 11 researchers for their contributions to science education efforts.
[关键词] science education

April 26, 2007，RICHLAND, Wash. –

Pacific Northwest National Laboratory today honored 11 researchers for their contributions to science education efforts.

James A. Campbell, Georgie V. Last and Shuttha Shutthanandan received PNNL's Fitzner-

Eberhardt Award for "outstanding contributions to science and engineering education." Heather E. Dillon, Janelle L. Downs, Gregory J. Exarhos, Steven C. Goheen, Pavel R. Hrma, Mitchell A. Pelton, Irvin R. Schultz and Susan S. Southard received the Department of Energy Office of Science Outstanding Mentor Award.

The Fitzner-

Eberhardt and DOE Office of Science Undergraduate Research Programs' Outstanding Mentor Awards are presented to PNNL staff annually and are based on nominations from their peers, managers and students and teachers they mentor.

PNNL established the Fitzner-

Eberhardt Award in 1994 in memory of Dick Fitzner and Les Eberhardt, both PNNL scientists whose careers were tragically cut short in a plane accident in 1992. Fitzner and Eberhardt have been honored through this award because of their outstanding contributions to the laboratory's science education program. Two PNNL researchers won the award last

The award recognizes those who have significantly impacted science and engineering education in several areas: participation in Lab-

based programs for students, teachers and faculty; establishment of research and education partnerships with colleges and universities; support of science, technology, engineering and mathematics education in grades kindergarten to 12; and engagement in community outreach through activities such as after

-school programs and educational competitions. Each of the award recipients has been involved in all of these areas.

The Office of Science Undergraduate Research Programs' Outstanding Mentor Award recognizes exceptional mentors in one of five DOE student programs. The focus of the award criteria is on the quality of mentoring, including prepping students before internships begin; providing well

-

defined research projects for the students that match their research interests; supporting student involvement in enrichment activities outside of the research project; supporting development of the student's research paper, presentation and abstract; and demonstrating practices that go above and beyond the normal responsibilities to students in the me

PNNL's education program has engaged more than 160,000 students, teachers and faculty since 1982. Currently, PNNL's Office of Science & Engineering Education offers 14 Lab

-based workforce development and diversity programs for students, conducts two Lab-

based professional development programs for teachers and faculty, leads two statewide science education reform projects, and participates in more than a dozen outreach efforts targeting students, teachers, education leaders, parents and community members.

In 2006, more than 180 laboratory staff members mentored students and teachers in the fields of environment, energy, homeland security and computational and fundamental sciences. They participated in efforts to improve the teaching and learning of science in our elementary, secondary and post

-secondary schools.

PNNL is a DOE Office of Science national laboratory that solves complex problems in energy, national security and the environment, and advances scientific frontiers in the chemical, biological, materials, environmental and computational sciences. PNNL employs 4,200 staff, has a $750 million annual budget, and has been managed by Ohio

-based Battelle since the lab's inception in 1965.

北京雷速科技有限公司 Copyright © 2003-2008 Email: leisun@firstlight.cn