



Press Release

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JSA Awards \$395K for FY18 Initiatives Fund Program

Washington, DC – Jefferson Sciences Associates (JSA) announced the award of \$395,000 to support projects related to education, outreach and career development to staff and users at the U.S. Department of Energy's Thomas Jefferson National Accelerator Facility (Jefferson Lab).

Since 2006, JSA, which manages and operates Jefferson Lab for the DOE's Office of Science, has provided \$5.4 million to support over 330 projects under its JSA Initiatives Fund Program. The Initiatives Fund supports programs, initiatives and activities that further the scientific outreach, and promote the science, education and technology missions of Jefferson Lab in ways that complement its basic and applied research focus. Program funds also support activities of the laboratory's extended user community.

The Program is managed and administered by SURA, a consortium of more than 60 leading universities, for the JSA Programs Committee. SURA and PAE Applied Technologies jointly own JSA. The owners provide funds annually to Jefferson Lab and its users to engage more effectively in many educational, scientific, technical, and outreach activities that contribute to the Lab's overall ability to accomplish its mission.

Lab Director Stuart Henderson said, "The many projects and activities supported by the Initiatives Fund Program are important to the Lab and user community. The Program has been recognized as an innovative way for the owners to further contribute to the advancement of the Lab's mission. This year's awards, including several aimed at supporting and encouraging young researchers, will continue to have a positive impact on the field of nuclear physics."

The FY18 Initiatives Fund Program includes new awards for 36 projects. Over 60% of the award funds support the education and outreach programs and activities at Jefferson Lab. The remaining funds support meetings, workshops and conferences, as well as other laboratory programs and activities. Matching funds totaling over \$675,000 are associated with the new awards. Awards were made for:

- JSA/JLab Graduate Fellowships, \$100,000
- Director's Discretionary Fund, \$87,500
- JSA/JLab Sabbatical/Research Leave Support, \$27,000
- JLab Science Activities for Teachers, \$23,000
- Junior Scientist Travel Support, \$15,000
- Undergraduate Support in Jefferson Lab Research, \$12,000
- JSA Post Doctoral Fellow, \$10,800
- Nathan Isgur Research Fellow Grant, \$10,000
- Users Group Annual Meeting Support, \$9,000
- Nuclear Physics Hill Day and Other Congressional Visits, \$9,000
- JSA/JLab Minority/Female Undergraduate Research Assistantship, \$7,000
- JSA Outstanding Nuclear Physicist Award, \$6,500
- Users Group Satellite Meeting Support, \$6,000
- Users Group Awards: Thesis Prize, Poster Awards, \$5,650



Graduate Student and PostDoc Association Activities, \$5,000
JSA/JLab Cooperative Education Program, \$5,000
Honoraria for Foreign PAC Members, \$4,800
Gordon Research Conference on Photonuclear Reactions, \$4,500
HUGS International Fellowship for Graduate Students in Developing Countries, \$4,000
Conference for Undergraduate Women in Physics at GWU, \$4,000
Conference for Undergraduate Women in Physics at UVa, \$4,000
APS Outstanding Doctoral Thesis Research in Beam Physics Award, \$3,250
Users Group Board Business Travel, \$3,000
Transversity 2017: Transverse Polarisation Phenomena in Hard Processes, \$3,000
African School on Fundamental Physics and Its Applications, \$3,000
Nature of Hadron Mass and Quark-Gluon Confinement Era, \$2,500
Tensor Spin Observables Workshop, \$2,500
Correlations in Partonic and Hadronic Interactions Workshop, \$2,500
LC2018: Light Cone 2018, \$2,500
HYP2018: International Conference on Hypernuclear and Strange Particle Physics, \$2,500
Technology Transfer at Jefferson Lab and Opportunities Workshop, \$2,500
Extra Child Care (ExCARE) Travel Support, \$2,000
Frontiers and Careers in Photonuclear Physics Workshop, \$2,000
Market Research Resource for JLab Technology Transfer, \$2,000
Promising Young Scientist Program, \$1,000
FIRST Robotics Teams Sponsorship, \$1,000

The 2018 evaluation committee was chaired by David Armstrong from the College of William & Mary. Other committee members included: JSA Programs Committee members Paul Eugenio-Florida State University, Tanja Horn-The Catholic University of America, George Lolos-University of Regina, Lawrence Weinstein-Old Dominion University; Robert McKeown, Jefferson Lab Deputy Director; and, Elizabeth Lawson, Initiatives Fund Program manager.

David Armstrong said, “The JSA Initiatives Fund Program is recognized for its impact on the education and training of the next generation of science leaders. The Graduate Fellowship Program, one of the projects supported by the Fund, has awarded over 200 fellowships to doctoral students enabling their educational pursuit in nuclear physics as they spend time at Jefferson Lab on their research projects. Outreach activities, such as the Jefferson Lab Science Activities for Teachers (JSAT), have helped to build the skills of over 500 middle-school science teachers who have participated in this award-winning program. Support for scientific workshops and conferences has provided young researchers the opportunity to participate with colleagues and often presenting results of their Jefferson Lab research. It is important to the Lab’s user community that JSA continues its support of the Initiatives Fund Program.”

Jefferson Lab, located in Newport News, VA, is a world-leading nuclear physics research facility. More than 1,600 scientists from around the world use the lab’s unique particle accelerator to conduct experiments to expand our understanding of the visible universe.

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About the JSA Initiatives Fund. JSA established the JSA Initiatives Fund to support programs, initiatives, and activities that further the scientific outreach, and promote the science, education and technology missions of Jefferson Lab in ways that complement its basic and applied research focus. Initiatives Fund awards are for those projects that benefit the Lab user community and that leverage commitments of others. The annual commitment is administered by SURA for the JSA Programs Committee. For more information, visit <http://www.jsallc.org/index.html>.



The Southeastern Universities Research Association (SURA) is a consortium of over 60 leading research institutions in the United States and the District of Columbia established in 1980 as a non-stock, nonprofit corporation. SURA serves as an entity through which colleges, universities, and other organizations may cooperate with one another, and with government and industry in acquiring, developing, and using laboratories and other research facilities and in furthering knowledge and the application of that knowledge in the physical, biological, and other natural sciences and engineering. For more information, visit www.sura.org.

Jefferson Lab (for more information, visit www.jlab.org) is supported by the Office of Science of the U.S. Department of Energy. DOE's Office of Science is the single largest supporter of basic research in the physical sciences in the United States, and is working to address some of the most pressing challenges of our time. For more information, visit science.energy.gov.