STUDENT OPPORTUNITIES

Undergraduate, Graduate and Post-Doctoral Research

Jefferson Lab

The metallic niobium cavity shown here is one of more than 400 that power the Continuous Electron Beam Accelerator Facility.

About one-third of nuclear science Ph.D.s awarded in the U.S. are based on Jefferson Lab research.

Thomas Jefferson National Accelerator Facility is a U.S. Department of Energy Office of Science national laboratory. Jefferson Lab's unique and exciting mission is to expand our knowledge of the universe by studying the basic building blocks of matter within the nucleus: subatomic particles known as quarks and gluons.

To learn how these particles build our universe, we have embarked on a journey of discovery into the heart of matter using the Continuous Electron Beam Accelerator Facility. CEBAF is the world's most advanced particle accelerator for investigating the quark structure of the atom's nucleus. Learn more about nuclear physics at Jefferson Lab in Exploring Matter.

BROAD SCIENTIFIC IMPACTS

Scientists who are registered to conduct research with CEBAF, called Users, pursue a broad range of research topics in nuclear physics at Jefferson Lab.

More than 1,600 scientists from more than 275 institutions and 35 countries flock to Jefferson Lab to conduct their research with CEBAF's unique and state-of-the-art facilities. One-third of U.S. Ph.D.s in Nuclear Physics are based on research carried out at Jefferson Lab, with more than 630 Ph.D.s granted and 197 more in progress, helping to ensure continued U.S. leadership in this critical field.

OPPORTUNITIES

- **The Department of Energy's Science Undergraduate Laboratory Internships (SULI):** For undergraduate students wishing to explore a career in science.
  Application Deadline: mid-January

- **Jefferson Lab/Old Dominion University Research Experience for Undergraduates (REU):** For undergraduate students wishing to explore a career in Accelerator Science.
  Application Deadline: mid-February

- **JSA Minority/Female Undergraduate Research Assistantship:** For a minority or female undergraduate student to work on projects that are part of the lab's research program or related to the scientific or engineering aspects of the research program.
  Application Deadline: end of May

- **Hampton University Graduate Studies Program (HUGS):** For experimental and theoretical nuclear and particle physics graduate students who have finished their coursework and have at least one year of research experience in these fields.
  Application Deadline: end of March

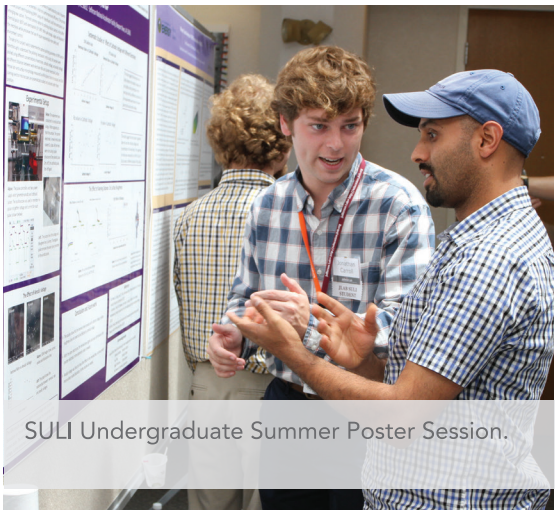
- **JLab EIC Graduate Fellowship:** Eligible students must be enrolled full-time in a relevant doctoral program.
  Application Deadline: end of April

- **JSA/JLab Graduate Fellowship Program:** For doctoral students at SURA member universities conducting research related to the theoretical and experimental programs at Jefferson Lab.
  Application Deadline: early March

- **JLab EIC Post-Doctoral Fellowship:** Postdocs must have a full-time position with a university or laboratory research program of relevance.
  Application Deadline: end of April

www.jlab.org/education/continuing

The nuclear sciences train next-generation experts in a variety of STEM fields.

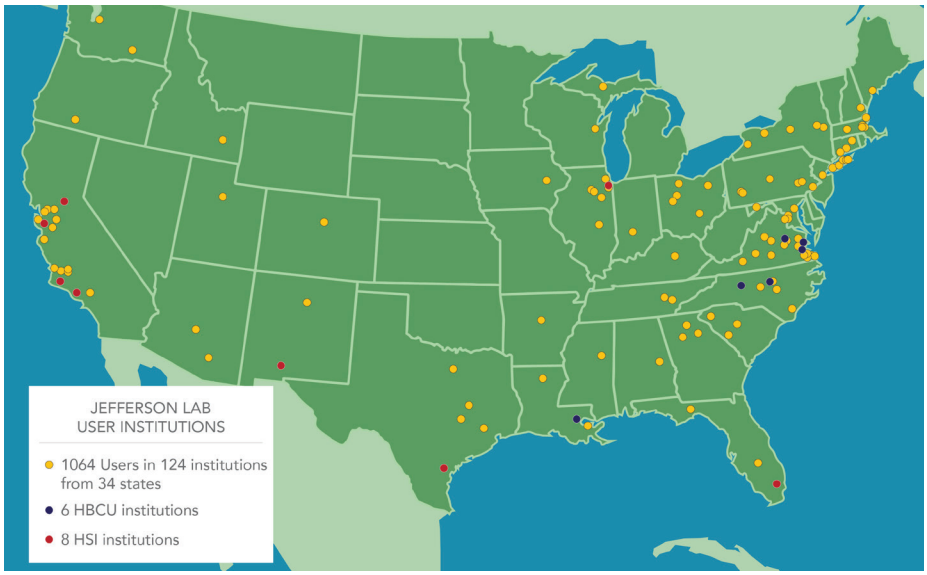


SULI Undergraduate Summer Poster Session.

USER INSTITUTIONS

In the U.S., Jefferson Lab has 1,064 registered scientists, called Users, who represent 124 institutions in 34 states. Our diverse community includes six historically black colleges and universities (HBCU) and eight Hispanic-Serving Institutions (HSI), representing 9% of U.S. Users.

www.jlab.org/physics/user-liaison



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JSA

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