



DEPARTMENT OF ENERGY

# COMPUTATIONAL SCIENCE GRADUATE FELLOWSHIP

*The DOE CSGF is open to senior undergraduates and students in their first year of doctoral study.*

The Department of Energy Computational Science Graduate Fellowship (DOE CSGF) provides up to four years of financial support for students pursuing doctoral degrees in fields that use high-performance computing to solve complex problems in science and engineering.

The program also funds doctoral candidates in applied mathematics, statistics or computer science who are pursuing research that will contribute to more effective use of emerging high-performance systems. Complete details and a listing of applicable research areas can be found on the DOE CSGF website.

**OAK RIDGE NATIONAL LABORATORY**

The first simulation of an atomic nucleus on a quantum computer: a deuteron, the bound state of a proton (red) and a neutron (blue).

**ARGONNE NATIONAL LABORATORY**

Streamlines from an early time step of the Rayleigh-Taylor instability depend on scalable storage, communication, and data analysis algorithms developed at extreme scale.

## BENEFITS

- + \$37,000 yearly stipend
- + Payment of full tuition and required fees
- + Yearly program review participation
- + Annual professional development allowance
- + 12-week research practicum experience
- + Renewable up to four years

## APPLICATIONS DUE

# 1.09.19

*This equal opportunity program is open to all qualified persons without regard to race, gender, religion, age, physical disability or national origin.*

[www.krellinst.org/csgf](http://www.krellinst.org/csgf)



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