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.

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

Applications due 1.15.2020

The 3-D visualization of the Gravitationally Confined Detonation model, depicting a Type Ia supernova at the moment when a detonation wave sweeps through a white dwarf star. The simulation was performed on a high-performance computer at the Argonne Leadership Computing Facility, a Department of Energy user facility. Credit: Flash Center for Computational Science, University of Chicago.

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

www.krellinst.org/csgf