DOE Office of Science Graduate Student Research (SCGSR) Program

The SCGSR Program provides supplemental awards to outstanding graduate students to spend 3 to 12 months conducting part of their doctoral thesis/dissertation research at a DOE national laboratory in collaboration with a DOE laboratory scientist.

- Graduate students must apply online through the online application system.
- The application requires a research proposal and letters of support from both the graduate student’s thesis advisor and the collaborating DOE laboratory scientist.
- Student’s research and proposed SCGSR project must be aligned with one of the identified SCGSR priority research areas defined by the SC Program Offices and specified in the solicitation.
- Applications proposing to use an SC user facility must apply for user facility time separately.

**Award Benefits:**

- A monthly stipend of up to $3,000/month for general living expenses
- Reimbursement of inbound/outbound traveling expenses to/from the DOE laboratory of up to $2,000.

(Award payments are provided directly to the student.)

**Eligibility:**

- U.S. Citizen or Permanent Resident
- Qualified graduate program & Ph.D. Candidacy
- Graduate research aligned with an SCGSR priority research area
- Establishment of a collaborating DOE laboratory scientist at the time of application

**2016 Solicitation 1 – Applications Due: May 11, 2016 5:00PM ET**

Full details, requirements, FAQs, and link to application at: [http://science.energy.gov/wdts/scgsr/](http://science.energy.gov/wdts/scgsr/)

Program Contact: sc.scgsr@science.doe.gov
SCGSR Program 2016 Solicitation 1 – Priority Research Areas

Advanced Scientific Computing Research (ASCR)
(a) Applied Mathematics
(b) Computer Science
(c) Next Generation Networking for Science

Basic Energy Sciences (BES)
(a) Accelerator and Detector R&D
(b) Heavy Element Radiochemistry
(c) Neutron Scattering Research and Instrumentation
(d) Predictive Materials Science and Chemistry
(e) Fundamental Electrochemistry related to Energy Transduction, Storage, and Corrosion
(f) Crystal Growth
(g) Ultrafast Materials and Chemical Sciences
(h) Electron and Scanning Probe Microscopy Research and Instrumentation
(i) Basic Geosciences

Biological and Environmental Research (BER)
(a) Computational Biology and Bioinformatics
(b) Biological Imaging - Mesoscale to Molecules
(c) Plant Science for Sustainable Bioenergy
(d) Environmental System Science
(e) Atmospheric Systems Research
(f) Earth System Modeling
(g) Regional and Global Climate Modeling

Fusion Energy Sciences (FES)
(a) Burning Plasma Science & Enabling Technologies
(b) Discovery Plasma Science

High Energy Physics (HEP)
(a) Theoretical and Computational Research in High Energy Physics
(b) Advanced Technology Research and Development in High Energy Physics
(c) Experimental Research in High Energy Physics

Nuclear Physics (NP)
(a) Medium Energy Nuclear Physics
(b) Heavy Ion Nuclear Physics
(c) Low Energy Nuclear Physics
(d) Nuclear Theory
(e) Nuclear Data and Nuclear Theory Computing
(f) Isotope Development and Production for Research and Applications
(g) Accelerator Research and Development for Current and Future Nuclear Physics Facilities

http://science.energy.gov/wdts/scgsr/how-to-apply/priority-sc-research-areas/