

Subject: The DOE Office of Science Graduate Student Research (SCGSR) program is now accepting applications!

Dear Colleagues,

The Department of Energy's (DOE) Office of Science is pleased to announce that the Office of Science Graduate Student Research (SCGSR) program is now accepting applications for the 2017 Solicitation 1. **Applications are due 5:00pm ET on Tuesday May 16, 2017.**

Starting from 2015 Solicitation 2, the SCGSR program is open to graduate students with Permanent Resident status, in addition to U.S. Citizens, who meet all other eligibility requirements. Detailed information about the program, including eligibility requirements and access to the online application system, can be found at: <http://science.energy.gov/wdts/scgsr/>.

The SCGSR program supports supplemental awards to outstanding U.S. graduate students to conduct part of their graduate thesis research at a DOE national laboratory in collaboration with a DOE laboratory scientist for a period of 3 to 12 consecutive months—with the goal of preparing graduate students for scientific and technical careers critically important to the DOE Office of Science mission.

The SCGSR program is open to current Ph.D. students in qualified graduate programs at accredited U.S. academic institutions, who are conducting their graduate thesis research in targeted areas of importance to the DOE Office of Science. The research opportunity is expected to advance the graduate students' overall doctoral thesis/dissertation while providing access to the expertise, resources, and capabilities available at the DOE laboratories. The supplemental award provides for additional, incremental costs for living and travel expenses directly associated with conducting the SCGSR research project at the DOE host laboratory during the award period.

The Office of Science expects to make approximately 50 awards in 2017 Solicitation 1, for project periods beginning anytime between October 30, 2017 and February 28, 2018.

Since its inception in 2014, the SCGSR program has provided support to over 200 graduate awardees from about 90 different universities to conduct thesis research at DOE national laboratories across the nation.

The SCGSR program is sponsored and managed by the DOE Office of Science's Office of Workforce Development for Teachers and Scientists (WDTS), in collaboration with the six Office of Science research programs offices and the DOE national laboratories, and the Oak Ridge Institute of Science and Education (ORISE).

For any questions, please contact the SCGSR Program Manager, Dr. Ping Ge, at sc.scgsr@science.doe.gov.

U.S. Department of Energy, Office of Science

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

2017 Solicitation 1 – Applications Due: May 16, 2017 5:00PM ET

Full details, requirements, FAQs, and link to application at: <http://science.energy.gov/wdts/scgsr/>

SCGSR Program 2017 Solicitation 1 – Priority Research Areas

Advanced Scientific Computing Research (ASCR)

- (a) Applied Mathematics
- (b) Computer Science
- (c) Next Generation Networking for Science
- (d) Research and Evaluation Prototypes

Basic Energy Sciences (BES)

- (a) Accelerator and Detector R&D
- (b) Nuclear Chemistry and Radiochemical Separations (*updated from “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
- (j) Gas Phase Chemical Physics
- (k) Radiation Effects in Materials
- (l) Catalysis Science with NMR Spectroscopy and Neutron Scattering
- (m) Highly Ionizing Radiation in Chemistry

Biological and Environmental Research (BER)

- (a) Computational Biology and Bioinformatics
- (b) Novel in situ Imaging and Measurement Technologies for Biological Systems Science (*updated from “Biological Imaging - Mesoscale to Molecules”*)

- (c) Plant Science for Sustainable Bioenergy
- (d) Soil Microbiology
- (e) Environmental Systems Science
- (f) Atmospheric System Research
- (g) Earth System Modeling
- (h) 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

Key Dates for 2016 -2017

At the submission deadline (shown in red), the online application system will close after which no additional materials will be accepted.

The online application system closes at 5:00 PM Eastern Time.

	2016 Solicitation 2	2017 Solicitation 1	2017 Solicitation 2***
On-line Application Opens	August 30, 2016	February 21, 2017	August 2017
Applications Due	November 21, 2016 5:00 PM ET	May 16, 2017 5:00 PM ET	November 2017
Offer Notification Period <i>Begins on or around</i>	April 2017	September 2017	April 2018
<i>Earliest*</i> Start Date for Proposed Project Periods	June 1, 2017	October 30, 2017	June 4, 2018
<i>Latest**</i> Start Date for Proposed Project Periods	October 2, 2017	February 28, 2018	October 1, 2018

**Proposed project periods may not begin before this date, and may be 3 to 12 consecutive months in duration.*

*** Proposed project period must begin no later than this date, and may be 3 to 12 consecutive months in duration.*

****All Dates are tentative.*