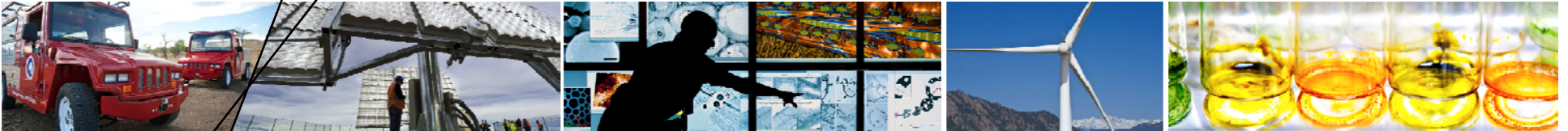


# DOE Internship Programs



## Workforce Development and Education Programs Staff

**Linda Lung**

**Madison Martinez**

**Marcus Giron**

# Portfolio of Programs

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## K-12 Programs

- Middle School Car competitions
- Colorado High School Science Bowl
- DOE National Science Bowl®
- Student Programs at the Education Center

## Teacher Programs

- Energy Institute for Teachers
- STEM Teacher and Researcher Program (STAR)
- Energy: A Multidisciplinary Approach for Teachers (EMAT)

## Undergraduate Programs

- Science Undergraduate Laboratory Internships (SULI)
- Community College Internships (CCI)
- Minority Educational Institution Student Partnership Program (MEISPP)
- EERE's Robotics Internship

## Graduate Programs

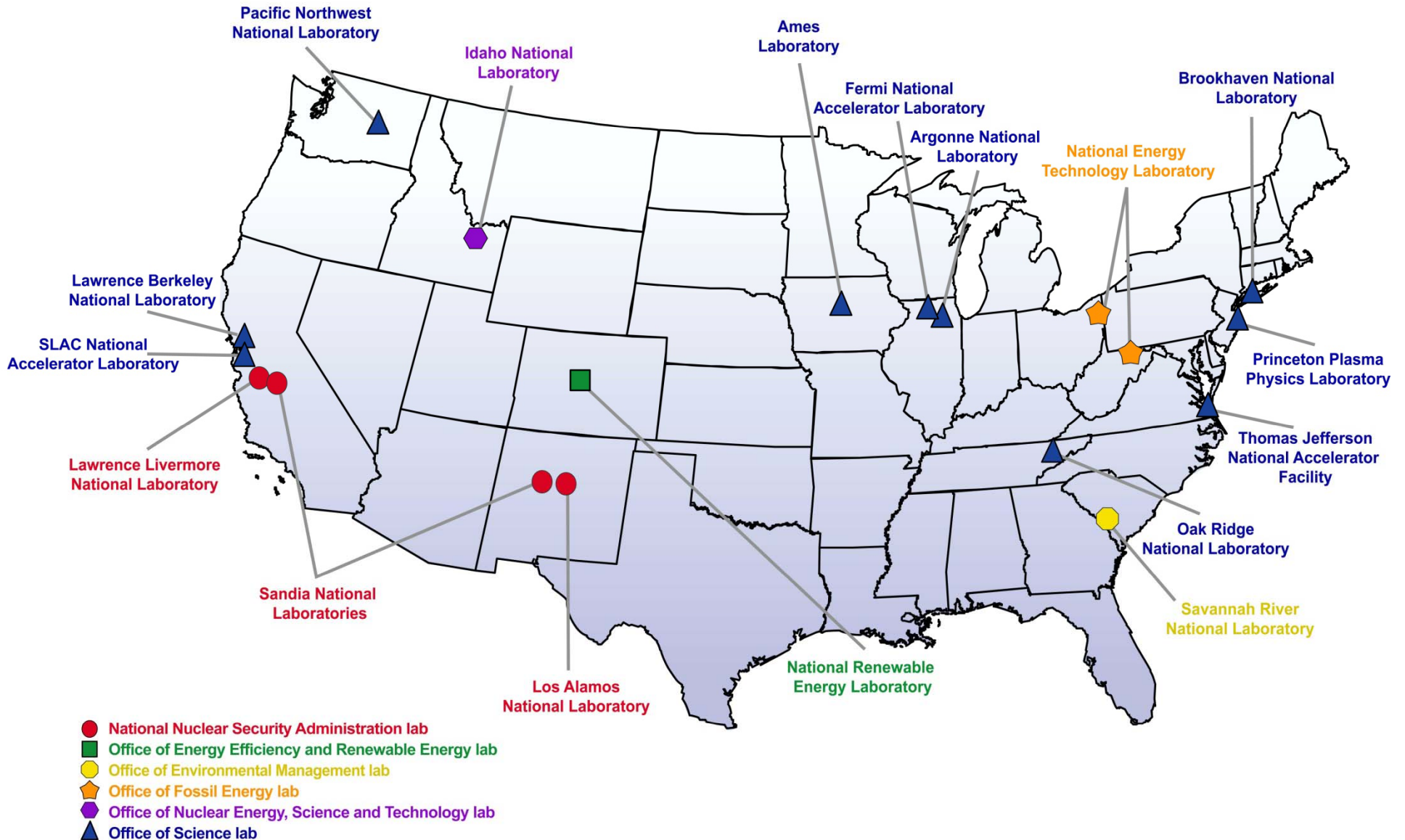
- Office of Science Graduate Student Research (SCGSR) Program

## Faculty Programs

- Visiting Faculty Program (VFP)



# DEPARTMENT OF ENERGY NATIONAL LABORATORIES



# DOE Office of Science

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**The Office of Science is the single largest supporter of basic research in the physical sciences in the United States and is working to address some of the most pressing challenges of our time.**

**For over 60 years the Department of Energy has supported the education and training of scientists, engineers, and technology specialists to maintain the scientific and technical workforce needed to address the Department's and Nation's complex challenges in energy, national security, the environment, and discovery science.**

## **American Institute of Physics Style Guide**

### **Quick Reference Guide**

- Research Paper
- Poster

# DOE and NREL Internship Goal

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- **What do we want: Encourage undergraduate and graduate students to pursue science, technology, engineering or mathematics (STEM) careers, especially relevant to the DOE mission**
- **How do we do this: Provide research experience at DOE National Laboratories**
- **Who is involved: Under the direction of laboratory scientific and technical staff, who serve as research advisors and mentors.**

# What's In It For The Interns?

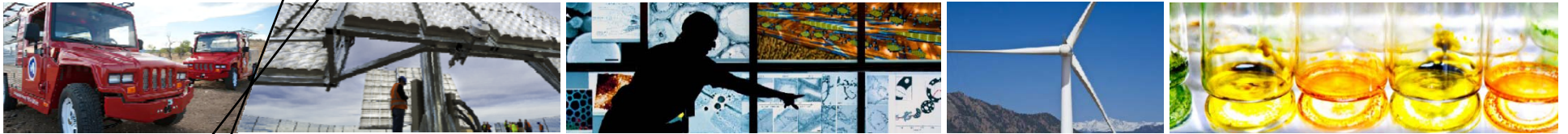
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- **Networking**
- **Research**
- **Publications and Presentations**
- **Future Employment**
- **College Credit**
- **Stipend, Housing Allowance, Travel To and From Lab**
- **Life-Long Friendships**





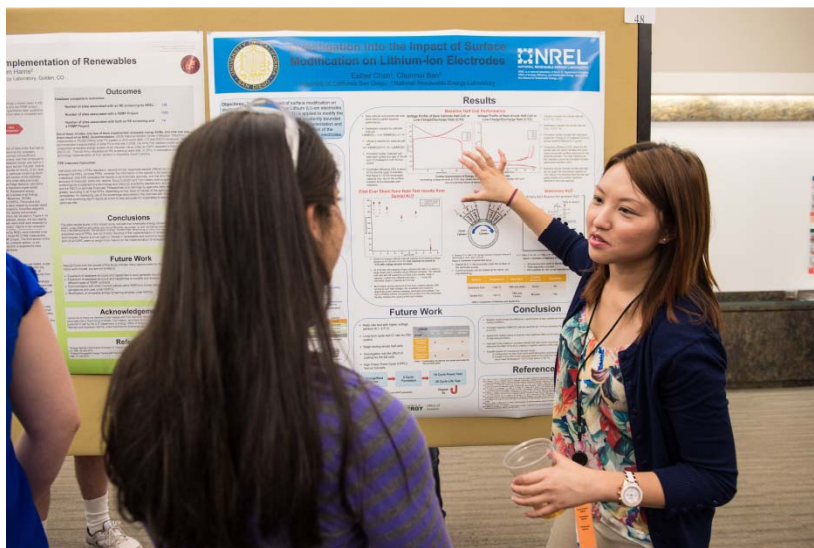
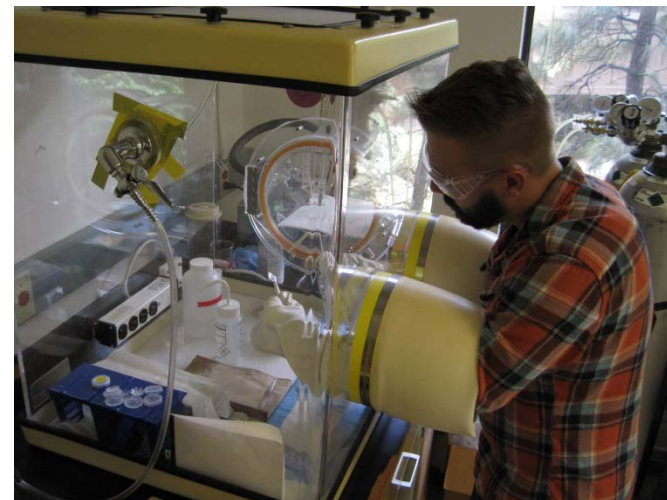


# Internship Programs

## Overview

The Science Undergraduate Laboratory Internship (SULI) program encourages undergraduate students to pursue science, technology, engineering, and mathematics (STEM) careers by providing research. Selected students participate as interns appointed at one of 17 participating DOE laboratories/facilities. They perform research, under the guidance of laboratory staff scientists or engineers, on projects supporting the DOE mission. Fall and spring programs are 15 weeks. Summer program is 10 weeks.

For more info, see: <https://science.energy.gov/wdts/suli/>



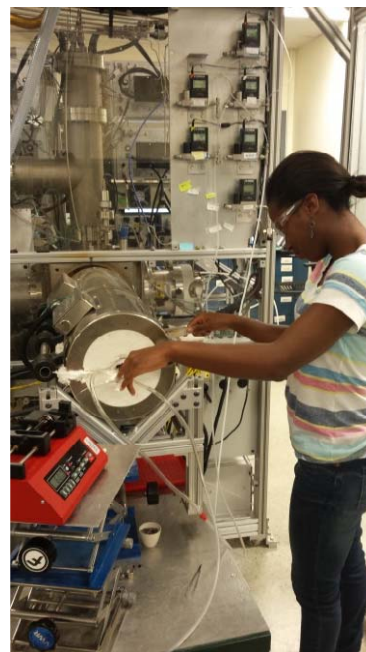
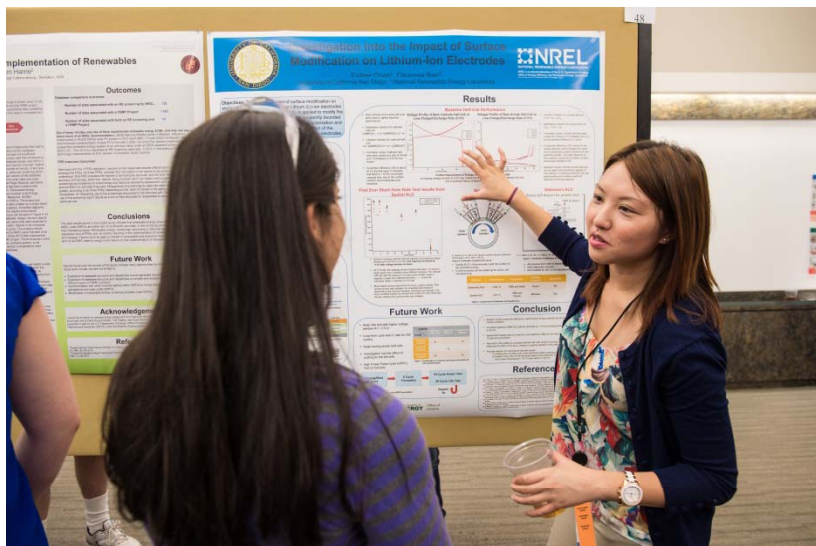
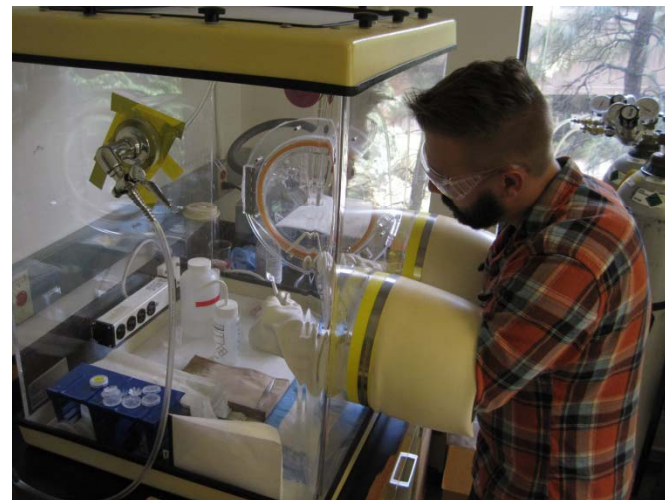


## Eligibility

- currently enrolled as a full-time undergraduate student and have completed at least one year
- undergraduate cumulative minimum Grade Point Average (GPA) of 3.0 on a 4.0 scale
- Must be a United States Citizen or Lawful Permanent Resident

See additional requirements:

<https://science.energy.gov/wdts/suli/eligibility/>



## Key Dates for 2017 Internships

SULI Internship Term:	Spring 2017	Summer 2017	Fall 2017
On-line Application Opens	July 18, 2016	October 17, 2016	March 18, 2017
<b>Applications Due</b>	October 7, 2016 5:00 PM ET	<b>January 13, 2017</b> <b>5:00 PM ET</b>	May 31, 2017 5:00 PM ET
Offer Notification Period Begins on or around	October 14, 2016	January 23, 2017	June 7, 2017
All DOE Offers and Notifications Complete	December 23, 2016	March 31, 2017	August 1, 2017

## Overview



- **The Community College Internship (CCI) program provides technical training experiences for community college students to enter technical careers relevant to the DOE mission**
- **There are two types of students that apply to the CCI program:**
  - Working on technologies or instrumentation projects or major research facilities supporting DOE's mission
  - Working to complete general coursework before transferring to a 4-year degree
- **For more info, see:**  
<https://science.energy.gov/wdts/cci>

## Schedule

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### Options

- There is an option for a “flex-schedule” where the equivalent of 400 hours spent onsite at NREL can be spread over a 16-week duration term. DOE is offering this option of 10 weeks spread out over 16 weeks to accommodate class schedules or working schedules (January 16-May 5)
- Community college interns also have the option to work 40 hours for 10 weeks starting January 16
- **For spring 2017, all of the community college interns have opted to work 25 hours per week for the entire 16-week appointment.**
- DOE Office of Science is expanding the community college program to include appointments during the semester sessions.

## Key Dates for 2017 Internships

<b>SULI Internship Term:</b>	<b>Spring 2017</b>	<b>Summer 2017</b>	<b>Fall 2017</b>
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## Overview

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- **The SCGSR research proposal is developed by the applying graduate student in collaboration with a NREL laboratory research scientist, and in consultation with the student's primary graduate thesis advisor. The SCGSR research proposal includes the scope of thesis research proposed to be conducted at NREL**
- **Provides supplemental funds for Ph.D. candidates to conduct part of their thesis work with an NREL lab scientist**
  - \$3,000 Monthly stipend
  - \$2,000 for Travel to and from the lab
- **Goal is to prepare graduate students for careers in STEM critically important to the DOE Office of Science mission**
- **Award period between 3-12 consecutive months**
- **Office of Science has 2 solicitations each year**

<http://science.energy.gov/wdts/scgsr>

## Logistics

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### Eligibility

- **Ph.D. Candidate whose thesis aligns with the Office of Science Research areas:**
- **Basic Energy Sciences (BES)**
- **Biological and Environmental Research (BER)**
- **Advanced Scientific Computing Research (ASCR)**

### Research Project

- **Collaborate with an NREL scientist to design a joint research project that is mutually beneficial for student and researcher**

### Deliverables

- **Submit an end-of-award report**
- **For research awards greater than 6 months in duration, a mid-term progress report will be required in addition to the end-of-award report.**

## Key Dates

On-line Application Opens	February 16, 2016	August 30, 2016	February 2017
Applications Due	May 11, 2016 5:00 PM ET	November 21, 2016 5:00PM ET	May 2017
Offer Notification Period <i>Begins on or around</i>	September 2016	April 2017	August/September 2017
<i>Earliest*</i> Start Date for Proposed Project Periods	November 1, 2016	June 1, 2017	October 31, 2017
<i>Latest**</i> Start Date for Proposed Project Periods	February 28, 2017	October 2, 2017	February 28, 2018