

Opportunity Title: CIESESE Program

Opportunity Reference Code: CIESESE-at-NETL-2018

Organization National Energy Technology Laboratory (NETL)

Reference Code CIESESE-at-NETL-2018

How to Apply Important Dates

Below are the important dates for the 2018 program.

- **Application deadline:** January 31, 2018. Applications must be SUBMITTED by the application deadline via the link www.ornl.gov/netl/applicants/how-to-apply.html.
- Must send a CV to David Tucker at david.tucker@netl.doe.gov
- **Candidates notified of selection:** February 2018
- **Program dates:** June 4 to August 10, 2018

How to Apply

The online application can be found at www.ornl.gov/netl/applicants/how-to-apply.html

You must apply in the program that fits your education level.

You will need to upload your unofficial transcripts, upload a resume, and provide contact information for two individuals who can serve as a reference. Documents must be uploaded in PDF format. Your online application must be submitted by the application deadline listed above.

Technical Assistance

If you or your references experience any technical difficulties with the online system, please contact Program Specialists Kerri Fomby or Terry Howard at kerri.fomby@ornl.org or terry.howard@ornl.org.

Application Deadline 1/31/2018 11:59:00 PM Eastern Time Zone

Description About CIESESE

The Consortium for Integrating Energy Systems in Engineering and Science Education (CIESESE) is a U.S. Department of Energy (DOE)-sponsored project with the goal of increasing the pipeline of graduates ready to pursue a career in energy relevant fields. Among the activities of the consortium is the participation of faculty and students, from Engineering and the Physical Sciences, in Energy Systems Research. Energy systems refers to the infrastructure, technologies, and procedures to generate, store, and distribute energy for use by individual consumers and by the public and private/industrial sectors.

Universidad del Turabo (UT), a Hispanic-Serving Institution (HSI), under its Puerto Rico Energy Center (PREC), together with four HSI partner universities and two national laboratories, proposed the CIESESE to achieve the aforementioned goal. CIESESE directly supports DOE's goal to build a sustainable professional and academic pipeline, in particular professionals from the Hispanic community, ready to take on the challenges of current and future energy systems.



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The consortium will provide summer appointments (10 weeks - full time) for undergraduate, graduate students and faculty at the two national laboratories and at the academic partner institutions to augment excitement in energy careers and research. If you are interested in other consortium members, please check websites shown in below:

- Universidad Del Turabo, San Juan, Puerto Rico
- Miami Dade College, Miami, Florida
- University of New Mexico, Albuquerque, New Mexico
- Recinto Universitario De Mayaguez, Mayaguez, Puerto Rico
- University of Texas El Paso, El Paso, Texas
- Sandia National Laboratory (SNL), Albuquerque, New Mexico

Stipends

The CIESESE program provides stipends to Fellows based on the following scale:

- Current undergraduate students receive a weekly stipend of \$900
- Current Master's students receive a weekly stipend of \$1700
- Current Faculty receive a weekly stipend of \$2900

Some may be authorized to receive an additional allowance to offset the cost of housing and travel expenses. This allowance may not cover the full cost of housing or travel to the program site.

Locations

Selections are based on a student's qualifications and the needs of the host site. Proximity to the host is not factored during the selection process. The 10-week summer program will take place at the two locations below:

- National Energy Technology Laboratory, Morgantown, WV or Albany, OR

Qualifications Eligibility

- Be at least 18 years of age at time of application
- Be a U.S. Citizen
- Have a cumulative GPA of at least 3.0
- Be currently enrolled full-time as a degree-seeking student in a STEM program at one of the five universities listed below at the Bachelor's, Master's, Doctoral, or Faculty level.
- Be available to participate in the full 10-week program
- **Must be a student at one of these universities:**
 - Universidad Del Turabo-San Juan, Puerto Rico
 - Miami Dade College-Miami, FL
 - University of New Mexico-Albuquerque, NM
 - Recinto Universitario De Mayaguez-Mayaguez, Puerto Rico
 - University of Texas El Paso-El Paso, TX

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- Eligibility**
- **Citizenship:** U.S. Citizen Only
- Requirements**
- **Degree:** Bachelor's Degree, Master's Degree, or Doctoral Degree.
 - **Overall GPA:** 3.00
 - **Discipline(s):**
 - **Chemistry and Materials Sciences** ([12](#) )
 - **Communications and Graphics Design** ([1](#) )
 - **Computer, Information, and Data Sciences** ([16](#) )
 - **Earth and Geosciences** ([21](#) )
 - **Engineering** ([27](#) )
 - **Environmental and Marine Sciences** ([14](#) )
 - **Life Health and Medical Sciences** ([45](#) )
 - **Mathematics and Statistics** ([10](#) )
 - **Other Non-Science & Engineering** ([5](#) )
 - **Physics** ([16](#) )
 - **Science & Engineering-related** ([1](#) )
 - **Social and Behavioral Sciences** ([28](#) )