JOIN THE RESEARCH TEAM AT CISTAR

NSF Engineering Research Center

Prepare to be an innovative leader in the global energy economy by developing your skills as a researcher in our summer program where you will explore how a wide range of energy sources serve the needs of people, communities, and our changing world. Then spend time mentoring kids in the NSBE SEEK program.

RESEARCH EXPERIENCE AND MENTORING (REM) PROGRAM

10 WEEKS

6 WEEKS → CISTAR NSF Engineering Research Center, Center for Innovative and Strategic Transformation of Alkane Resources

Spend six weeks at CISTAR working on cutting-edge research at Purdue University

4 WEEKS → National Society of Black Engineers SEEK Summer Engineering Experience for Kids

Next, spend four weeks being a mentor to kids at a NSBE SEEK camp

- PAID SUMMER PROGRAM
- HOUSING & TRAVEL COVERED
- MULTIPLE MENTORS
- MENTORING KIDS
- PROFESSIONAL DEVELOPMENT

Listen to what previous REM students said about their summer experience!

https://youtu.be/3Blbu1Y1yHA

The NSF Research Experience and Mentoring Program is a unique combined summer opportunity with CISTAR and the National Society of Black Engineers Summer Engineering Experience for Kids (NSBE SEEK).

Participate in a 6-week immersive summer research experience at Purdue, guided by faculty and graduate student mentors. The program includes frequent interactions with corporate partners in the energy sector. Additionally, participants will be invited to present at the Emerging Researchers National (ERN) Conference in STEM, Washington, D.C. in February 2024, with all expenses covered.

2023 PROGRAM DETAILS

DATES: Program takes place May 22 – June 30, 2023

STIPEND: A total stipend of $5,000 for 6 weeks at CISTAR ($4,000 for completing the 6 weeks and $1,000 after submitting program deliverables).

ELIGIBILITY: Undergraduate student majoring in engineering or science, U.S. citizen or permanent resident. Must be currently enrolled in a college or university; and attending in the fall.

APPLY NOW

Accepting applications until all spots are filled. Application instructions on back.

APPLICATION INSTRUCTIONS:

Applicants need to **apply to both** CISTAR and NSBE SEEK to be considered for the REM program:

1. **Complete the CISTAR application form**
   - Visit **bit.ly/2023REMapp**

2. **Submit your letter of interest & resume. Please include the following:**
   - An understanding of the CISTAR mission and system
   - An explanation of your interest in this combined program
   - A description of your future goals and how this research opportunity would help you obtain those goals

3. **Send official or unofficial University transcript**
   - Upload a PDF of your original transcript to the application system.

4. **Complete the NSBE SEEK application**
   - Visit **https://seeknsbe.smapply.io/prog/staff_applicants_-_23/** and follow the steps of the application.

CISTAR: SHAPING A NEW ENERGY FUTURE

CISTAR's vision is to create transformative engineered systems to convert light hydrocarbons into lower carbon footprint chemicals and transportation fuels, by exploring decarbonization of manufacturing processes, modular design, and electrification based on renewable energy sources. CISTAR, is one of the flagship Engineering Research Centers (ERCs) funded by the National Science Foundation.

CISTAR INDUSTRIAL MEMBERS

NSF Engineering Research Center
Center for Innovative and Strategic Transformation of Alkane Resources

https://cistar.us

For more information, please contact Maeve Drummond Oakes, (maeve@purdue.edu)