



NOW ACCEPTING APPLICATIONS UNTIL ALL SPOTS ARE FILLED FOR SUMMER 2022



NATIONAL SOCIETY OF BLACK ENGINEERS
SEEK
SUMMER ENGINEERING EXPERIENCE FOR KIDS

RESEARCH EXPERIENCE & MENTORING PROGRAM ON ENERGY FOR OUR GROWING WORLD:

Explore how a wide range of energy sources serve the needs of people and how we balance those needs with their impact on our world.

PROGRAM DETAILS :

- Program dates: May 23-July 1, 2022 at Purdue University
- Total stipend of **\$5,000** for 6 weeks at CISTAR (**\$4,000** for completing the 6 weeks and **\$1,000** after submitting program deliverables).
- Travel and housing provided

RESEARCH AREAS TO INCLUDE BUT NOT LIMITED TO:

- Integrated Energy Systems Planning
- Reaction and Reactor Modeling
- Future of Energy
- Carbon Sequestration
- Process Optimization



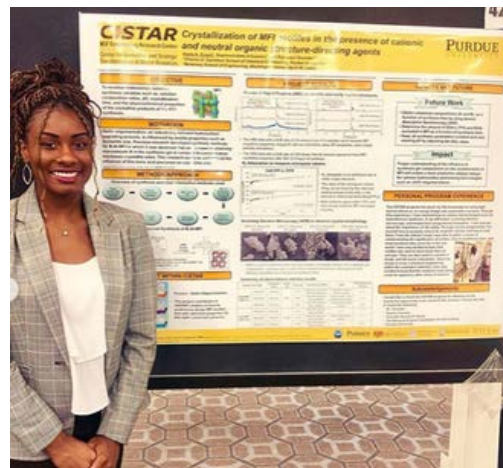
See what some of our 2021 cohort of students said about their summer REM experience, watch this [short video](#)

The NSF Research Experience and Mentoring (REM) Program is a unique combined summer opportunity. Participants will spend:

- Six weeks on a cutting-edge research project on energy while being guided by a graduate student mentor and a faculty mentor.
- Four weeks mentoring kids as part of a NSBE SEEK camp.

While working on their research project students will regularly interact with [corporate partners in the energy sector](#) (ie. interactive industry sessions, tours and informal mentoring. Additionally, participants will be paid to present at [Emerging Researchers National \(ERN\) Conference in STEM](#), Washington, D.C.

Program Website: <https://bit.ly/22REMprogram>



CISTAR™ CORPORATE PARTNERS:



HOW TO APPLY:

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

1. Complete the CISTAR application form

Visit <https://bit.ly/2022REMap>

2. Submit your letter of interest & resume

- Demonstrate your understanding of the CISTAR mission and why you are interested in this combined program.
- Include a description of your future goals and how this research opportunity would help you obtain those goals.

3. Send a University transcript

Upload a PDF of your transcript to the application system.

4. Complete the NSBE SEEK application

Visit <https://seeknsbe.smapply.io> and follow the steps of the application.

ELIGIBILITY:

- Undergraduate student majoring in engineering or science
- U.S. citizen or permanent resident
- Currently enrolled in a college or university, and attending in the fall

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



CISTAR: SHAPING A NEW ENERGY FUTURE

CISTAR's vision is to create a transformative engineered system to convert light hydrocarbons from shale resources to chemicals and transportation fuels in smaller, modular, local, and highly networked processing plants. Through CISTAR's four pillars: hydrocarbon research, workforce development, diversity and inclusion and industrial partnerships, CISTAR program participants are given the tools to become technically-excellent and innovative leaders in the global energy economy.