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.

NOW ACCEPTING APPLICATIONS UNTIL ALL SPOTS ARE FILLED FOR SUMMER 2022

RESEARCH AREAS TO INCLUDE BUT NOT LIMITED TO:
- Integrated Energy Systems Planning
- Reaction and Reactor Modeling
- Future of Energy
- Carbon Sequestration
- Process Optimization

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

PROGRAM WEBSITE: https://bit.ly/22REMprogram

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 (i.e. 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.

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.