EXPLORE RESEARCH OPPORTUNITIES FOR TEACHERS

JOIN THE CISTAR™ RESEARCH TEAM

PURDUE UNIVERSITY · THE UNIVERSITY OF NEW MEXICO · Northwestern University · UNIVERSITY OF NOTRE DAME · TEXAS The University of Texas at Austin · NSF

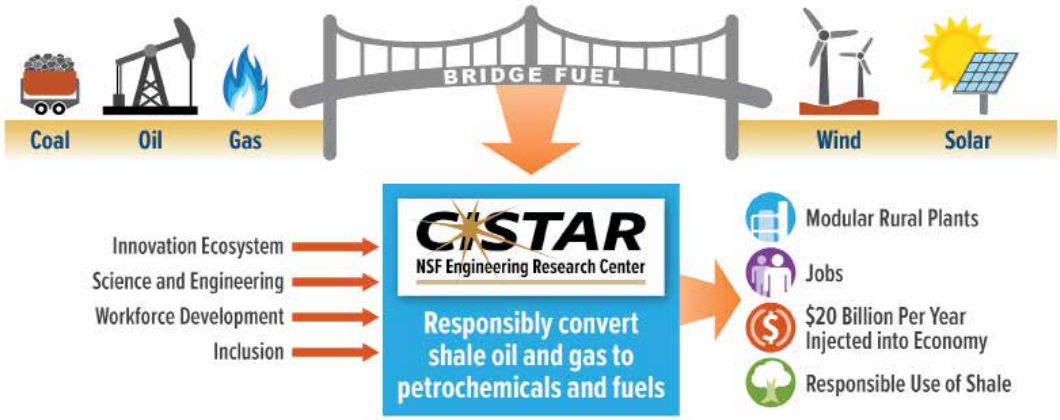
Engineer solutions for the revitalization of the U.S. petrochemical and fuels industries through basic research aimed at sustainable development of America's light hydrocarbon resources today for a sustainable tomorrow

MAY 28, 2019 - JULY 3, 2019

APPLY NOW:
http://bit.ly/RETapp19

RESEARCH EXPERIENCE FOR TEACHERS (RET)

Participate in relevant research focused catalysis, separations, and process design research while collaborating with world-class researchers.



- **PROGRAM LENGTH:** Six-week session
- **ELIGIBILITY:** Engineering, technology, science, and math teachers are eligible to apply.
- **STIPEND:** $6,000 stipend plus $2,000 additional funding for implementing, assessing and disseminating lesson materials.
- **APPLICATION MATERIALS:**
  - Resume
  - Essay describing why you are interested in participating in the CISTAR RET program and how might use what you learn from the program in your classroom next year
  - Letter of support from your Principal or other Senior Administrator

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

For more information about CISTAR research opportunities, please contact:
Assistant Director for Education, Maeve Drummond. maeve@purdue.edu, 765-494-2254

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CISTAR is dedicated to creating an environment that welcomes, respects, and supports people from all backgrounds.

CISTAR: SHAPING A NEW ENERGY FUTURE

SHANNON BANDY

2018 RET program participant

"One of my goals as a math teacher is to expose my kids to real-world applications and incorporate engineering curriculum into my classroom. I was introduced to the different faucets of relevant CISTAR research and had the opportunity to make some wonderful connections with individuals that can help me provide my students with projects that they can relate to when it comes to energy and renewable sources."

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 who value cultural differences in the global energy economy.

CISTAR INDUSTRIAL PARTNERS

CISTAR program participants have the opportunity to interact with CISTAR Industrial Partners through professional development activities, site visits and at CISTAR center-wide meetings.

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