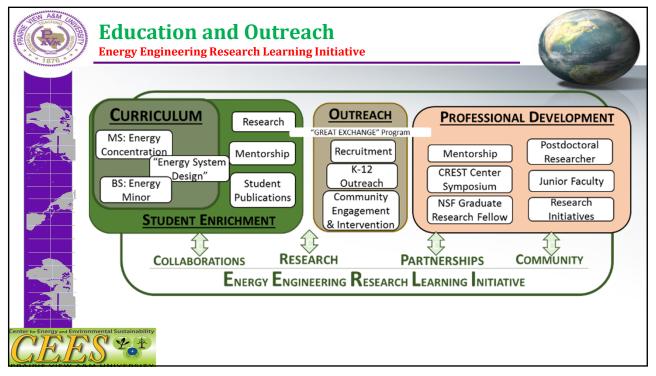
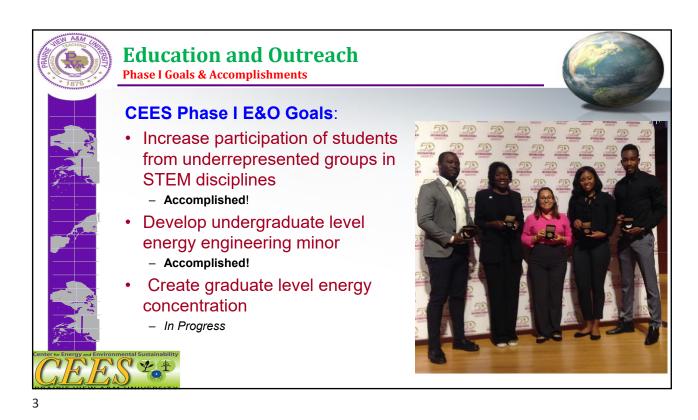


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Phase II Goals



- Expand and strengthen the **energy curriculum and recruitment** for the Energy Engineering minor at the undergraduate level and enhance and establish the graduate Energy Engineering concentration.
- Coordinate a series of student-centered activities, including graduate school preparation workshops, corporate/industry mentoring, internships, and presentations at national and regional symposiums.
- Increase K-12 and community engagement efforts aimed at improving energy education by participating in local K-12 activities, providing training for K-12 teachers, hosting EERLI seminars, workshops and symposiums, and providing energy-related summer camp events for K-12 students.
 - Develop a **network of industry partners and research collaborators** to advance CEES research efforts, increase students' engagement in the field beyond the university and seek avenues for continued sustenance of the Center's goals.

CEES **



Energy Curriculum and Recruitment



Undergraduate Energy Minor

- Increase the number of students enrolled in the minor
- Increase advertising of minor in energy courses by using resources with the marketing/communication department
- Update the course offerings based on new TCCN numbers
- The Energy Engineering Minor has 4 focus areas: Chemical Engineering - Fossil Fuel and Nuclear Energy
- Civil and Environmental Engineering Energy and Environment
- Electrical Engineering Generation and Distribution Mechanical Engineering – Renewable Energy



Graduate Energy Concentration

- Identify new graduate courses/faculty in the in energy and environmental sustainability
- Resubmit concentration paperwork in



Education and Outreach

Student-Centered Activities



- Continue to support undergraduate and graduate research experiences throughout the year
- Encourage presentations and student publications for students in the CEES center especially those associated with the center for 2+ years



- Speakers in Energy Sustainability (such as Climate Change) will present to research students and departments in CEES during 4-5presentations during the academic year
- Project B.O.W.E.S.
 - Summer program for incoming PVAMU freshman students who are interested in an Energy career







K-12 and Community Engagement Efforts

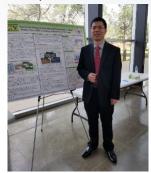




- Non-residential program for local high school students
- Experience will last between 3 5 weeks depending on the amount of activities (3 week is solely research/5 week involves group activities)



- Train K12 teachers in the latest energy and environmental sustainability topics
- Provide educational materials such as informational videos (light bulbs, etc.)



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Education and Outreach

K-12 and Community Engagement Efforts



- The event occurs every February at either UH or GRB Convention Center.
- CEES has the opportunity to give a certificate to the best Energy/ Environmental Sustainability project.
- Energy Day Houston (cancelled 09/15/2021)







Industry Partners and Research Collaborators



Research Partnership Experiences:

- Jackson State Opportunity
- Area high school and undergraduate students will participate in summer research at Jackson State University

The Great Exchange 2023?

- Proposed activity that will have interactions between K12 students/teachers, community college students, PVAMU students/faculty/staff, and industry partners.
- Phase II planned a slow roll-out of events; however, COVID has prevented full implementation.
- CEES will consider re-envisioning this event with online workshops/seminars.



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