



# SUSTAINABLE ENERGY ENGINEERING FOR EMPOWERING RURAL COMMUNITIES

## Rural STEM Educator

Professional Development Program 2022 - 2023

Secondary Math, Science, and STEM Educators (grades 6-12)

### PROGRAM DESCRIPTION

•**SUMMER 2022**- Participants will work directly with engineering research faculty from OU and ECU on real- world sustainable energy research while developing relevant, guided-inquiry curricula for their classroom.

**\*June 13 - July 29 M-F with the week of July 4-10 as a break\***

•**FALL 2022**- Follow-up workshops: Implementation of lessons, classroom visits

•**SPRING 2023**- Follow-up workshops: Implementation of lessons, classroom visits, community STEM events.

### BENEFITS

- \$5,200 stipend for participating in the year-long program
- Engage in cutting-edge sustainable energy research with OU engineering faculty.
- Network with educators from OU, ECU, and from rural Oklahoma
- Room and board provided during summer research
- Grant (up to \$1,000) for classroom supplies
- Increased knowledge and skill regarding sustainable energy
- Continued support by OU and ECU faculty/staff throughout the year

**DOWNLOAD THE APPLICATION HERE**



**Solar Energy**

**Wind Energy**



**Biomass Energy**

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