

UCFER Round 6 Request for Proposals

(Email Announcement of April 30, 2020)

Dear Energy Institute Affiliates,

The University Coalition for Fossil Energy Research (UCFER), working with the National Energy Technology Laboratory (NETL), has issued a request for proposals for Round 6 of the NETL-UCFER program. The goals of the program are to develop advanced technologies for the production and use of fossil energy through multidisciplinary collaborations among UCFER members and NETL research staff. WVU is a member of the UCFER coalition.

Round 6 makes available \$3.77 million in funding focused on coal-based research and the capture and use of CO₂ from fossil fuel power plants or industrial systems. A copy of the solicitation is located on this web site at this link: [Round 6 RFP and Addendum 1](#).

Four thematic areas were announced in the Round 6 solicitation.

- Crosscutting Research and Development with two focus areas: (1) *Computational Design Tools for Systems Optimization* for multiphase flow reactors processing fossil fuels; (2) *Wire-based Additive Manufacturing of High-Performance Materials for Advanced Steam Cycle Components* of Fossil Energy power plants
- Carbon Utilization research in *Solid Carbon Products from CO₂* using technologies that are applicable to electric power systems and industrial sources
- Advanced Coal Processing research on *Coal-Derived Building Materials*
- Carbon Capture research on *Novel CO₂ Capture Technology Development*

Proposals are due June 10th, 2020 by 5:00 PM EDT. The Energy Institute will host a Zoom meeting in the near future to discuss the UCFER program in more detail. Topics to be covered include:

1. Recommendations concerning relevant research areas of interest to NETL
2. Comments on how to prepare successful proposals based on WVU's experience in submitting proposals to previous solicitations
3. Required information for completing proposal templates and timelines to meet the Office of Sponsored Programs requirements for delivering proposals for review and submission

Researchers interested in submitting proposals to the Round 6 solicitation are encouraged to send an email indicating their interest and proposed research topic to Richard Bajura (contact information below) to receive future communications regarding the solicitation. We will also post information on the Energy Institute web site under the UCFER program sub-header.

Future Energy Institute web site postings will also include copies of the Environmental Questionnaire required for the proposal, information about Intellectual Property provisions applicable to the research, proposal submission instructions, and other information related to the proposal competition.

For additional information, please contact:

Richard Bajura
WVU Technical Advisory Council Representative to UCFER
Suite 102 NRCCE Building
Office Phone: 304-293-6034 (forwarded to cell phone)
Cell Phone: 304-216-0360
Richard.Bajura@mail.wvu.edu

REF File: *Round 6 RFP and Addendum 1*