DoE- Energy Frontier Research Centers (EFRCs)
https://science.energy.gov/~/media/grants/pdf/foas/2018/SC_FOA_0001810.pdf
WVU Internal Application due: **Friday December 15, 2017**
Required Agency Pre-Application due**:** January 31, 2018 at 5:00 PM Eastern Time
Full Agency Application (by invitation) due: April 11, 2018 at 11:59 PM Eastern Time

Synopsis:
DoE just announced a proposed $99 million in FY 2018 funding for Energy Frontier Research Centers (EFRCs) to accelerate transformative scientific advances for the most challenging topics in materials sciences, chemical sciences, geosciences, and biosciences. The competition will be open to proposals both from existing EFRCs seeking renewal of support and from institutions seeking to establish new EFRCs under the program. Universities, national laboratories, nonprofit organizations, and private firms are eligible to compete and are *encouraged to form multi-disciplinary research teams that may include partnerships with other institutions*. **WVU may only put forward 3 applications as lead institution, there is no restriction for WVU PIs to serve as sub-awardees on applications lead by other institutions**. When making selections, DOE will emphasize emerging science priorities that have been highlighted in recent workshops, including quantum materials, catalysis science, synthesis science, instrumentation science, next-generation energy storage, future nuclear energy, and energy-water issues. **The focus of EFRC is on fundamental scientific research**, applied research and technology development are not supported. 09o**Estimated funding:** $ 2M/yr to $4M/yr for 4 years

Internal Proposal Guidelines: 3 pages (max)

- You are *strongly* encouraged to read the FOA.
- **Participants:** List the PIs and Co-PIs (Names and Departments); identify the EFRC Director; list any external collaborators, their titles and laboratory/industrial affiliations
- **Priority Research Direction:** Identify the priority research direction(s) (PRD) that your proposed EFRC will address and specify exactly which report(s) (see FOA for details) from which your PRD(s) was selected
- **Grand Challenge**: Identify the Grand Challenge(s) (GC) addressed by your proposed EFRC (see FOA for details)
- **Transformative Opportunity:** Identify the Transformative Opportunity(s) (TO) addressed by your proposed EFRC (see FOA for details)
- **Description of EFRC**: Describe your EFRC including:
    - the scientific mission;
    - your research goals;
    - and how this aligns with your selection of PRDs, GCs and TOs from above.
- **Importance and Impact:** In a separate paragraph(s) motivate the importance of the EFRC and its potential impact.
- **Team Science:** Describe how the proposed EFRC exploits the "team science" approach with scientists from different disciplines tackling problems in new ways in an environment that encourages high-risk/high-reward research that would not be done otherwise.

Email your application to: Deanna.Whorton@mail.wvu.edu with subject line: "DoE EFRC"
Feel free to contact sheena.murphy@mail.wvu.edu with questions.