



Joint Center for Deployment and Research in Earth Abundant Materials

Call for Proposals for Capital Seed Funding

Feb. 1, 2018

The present call is for seed funding that has been appropriated for capital improvements, infrastructure, and equipment in support of the joint center's research infrastructure. Capital equipment for consideration might include specialized materials synthesis and characterization capabilities, advanced manufacturing tools, as well as high-performance computing equipment and research cyber-infrastructure. This research infrastructure will be made widely available to the JCDREAM partners and provide a coordinated framework of distributed resources and assets to facilitate and promote multi-institution collaborations to drive research, development, and deployment efforts in the use of earth-abundant materials for clean energy and transportation technologies. As appropriate, a "scientific user facility" governance model may be implemented for the utilization of the JCDREAM research infrastructure by the center's partners.

Proposals are requested by April 30, 2018 and should be no more than 5 pages using standard 12 point font (Times New Roman or similar). There is \$2M in total funding available and it is anticipated that the proposing institutions provide significant cost-share in the cost of equipment acquisition in association with this. Proposals should be emailed to the JCDREAM Director, David Field (dfield@wsu.edu) by midnight on April 30, 2018.

Acquisition of the equipment supporting the JCDREAM capital research infrastructure will proceed pending a Board of Directors approval. Criteria for proposal review include the following:

1. Relevance to the JCDREAM mission (30%)
2. Demonstrated interest from academic, national laboratory, and industrial researchers (30%)
3. Fraction of leveraged (matching) funding secured (20%)
4. Management and access plan for JCDREAM users (10%)
5. Uniqueness of equipment in the PNW (10%)