October 6, 2022

ISU-CAES Internal Seed Grants
Request for Proposals from ISU Faculty

The ISU Office for Research recognizes the need of faculty to fund research-related activities associated with the Center for Applied Energy Studies (CAES). To that end, ISU has established a program to distribute available CAES funds.

Eligibility: All ISU faculty (≥0.5 FTE) who conduct research activities relevant to CAES are eligible.

CAES Cooperation: Funding will be awarded to projects associated with CAES Focus Areas (broadly defined) and engender collaboration with colleagues at INL, BSU, or UI. As described in more detail in the CAES Strategic Plan (https://caesenergy.org/strategy/), Focus Areas include: Advanced Manufacturing, Computing/Data/Visualization, Homeland and Cybersecurity, Energy Policy, Energy-Water, Innovative Energy Systems, and Nuclear Energy.

Allowed activities: Funding is available for these purposes:
1. Research expenses by faculty or supervised students (but no faculty/staff salaries or stipends).
2. Undergraduate and graduate student support (wages and/or graduate student tuition).
3. Travel by faculty or students to perform research and/or attend meetings and workshops
4. Assistance in writing a proposal for extramural funding

COVID-19 statement - All research and travel must follow university and government protocols in place at the time the activity occurs.

Funding: at least $150,000 is available, individual awards expected to be $10,000 to $30,000.

Deadlines: Applications due 5 pm Friday, November 18, 2022. Awards will commence December 15, 2022. All expenses must be accrued by December 31, 2023.

Submissions: submit a proposal in PDF format via email to Ms. Jennie Ostler (ostljenn@isu.edu)

Application Format for activities (maximum 4 pages)
1. Title
2. ISU Primary Investigator Name, Department, and Contact Information
3. Name(s) of ISU co-PI(s) (if applicable)
4. Name(s) of Collaborator(s) from Boise State University, University of Idaho, or Idaho National Laboratory
5. Student Name, Degree Program, and Department (if applicable)
6. Outcomes of previous ISU-CAES Seed Grant awarded in past 3 years (if applicable) - subsequent external proposals and awards, new collaborations, published papers.
7. Project Description - describe the research activity and explain how it relates to the CAES strategic plan
8. Impact - how will this "seed" project potentially evolve into a CAES collaboration that attracts significant external funding? You are encouraged to list the specific, targeted external funding opportunity.
9. Itemized Budget (see template below)
10. Project Period and Timeline
11. Relevant literature (maximum of five)

Factors considered in Evaluation
Intellectual merit, Relation to CAES strategic plan, Potential for external funding, Availability of funds

Budget template (insert your own numbers):

<table>
<thead>
<tr>
<th>ISU PI</th>
<th>UG student rate*time</th>
<th>UG student total</th>
<th>Grad Student rate*time</th>
<th>Grad Student Tuition</th>
<th>Grad Student total</th>
<th>Student fringe 3.70%</th>
<th>M&amp;S</th>
<th>Equipment</th>
<th>Travel</th>
<th>Total request</th>
</tr>
</thead>
<tbody>
<tr>
<td>Joe Schlabotnik</td>
<td>$13/hr * 200 hrs</td>
<td>$2,600</td>
<td>$16/hr*400 hrs</td>
<td>$0</td>
<td>$6,400</td>
<td>$333</td>
<td>$3,000</td>
<td>$5,000</td>
<td>$1,000</td>
<td>$18,333</td>
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