Initiative #1 – Research & Innovation

Initiatives

Initiative #1
Initiative Title: Research & Innovation

Collaborative Initiative?
Collaborative Initiatives must include another unit (other than you own). Details are to be submitted by all units involved. Submit only the information (Performance Metrics, Research Needs, etc) that applies to your unit.

☐ Yes
☒ No

Collaborating Units/Departments

Description (250 words maximum)

The intent of this goal is two-fold. First, to build upon the successful external funding record of the College of Education (COEDU), by placing greater emphasis on obtaining federal funding for research while maintaining and/or increasing our level of state funding. Second, to maximize the scholarly research productivity of the faculty. To attain this goal, we propose to: a) maintain and enhance the research infrastructure support provided to faculty, b) develop collaborative research groups involving faculty, posts doctoral fellows and advanced graduate students across departments and colleges to pursue grant funding on education and educationally related issues, c) support campus level efforts to recognize and reward faculty for their contributions to grants, d) maintain and enhance our partnerships with external collaborators, including the Tampa Bay Educational Partnership, as well as other school districts, governmental agencies, philanthropic organizations, community organizations, and the private sector, e) endeavor to provide faculty assignments commensurate with a major research university for those who are engaged in sustained scholarly productivity and substantive involvement in doctoral supervision, f) continue to
support the faculty mentoring program, and g) continue to augment faculty travel to present their research at scholarly conferences.

**Actions and Implementation Steps (250 words maximum)**

a) Research Infrastructure—Maintain support for our Pre-Award staff position, make continuing commitments to fund our Post-Award staff position, the GA grant facilitator position, the 2 CORE graduate student positions, and 2 new post-docs. Continue to collaborate with the Office of Research to provide workshops on grant management that are beneficial for faculty and staff.

b) Develop Collaborative Research Groups –Implement the COEDU Collaborative Research Grant program, encourage all faculty to complete the Community of Scholars Expertise form to make it easier to identify their research interests and to form research groups within/across colleges, continue to sponsor activities and offer services to alert faculty to grant opportunities, and develop guidelines with other deans to facilitate the participation of faculty in collaborative research groups across colleges. A meeting has already been held with the dean of CAS and both the deans of Engineering and CBCS are interested in meeting with us to develop similar guidelines to foster interdisciplinary research activities.

c) Support campus level efforts to recognize and reward faculty for interdisciplinary collaboration, scholarly, and grant productivity – Action steps for the COEDU will be developed based on the reports of the Task Force on Faculty Roles, Responsibilities, and Rewards and the Task Force on Integrated Interdisciplinary Inquiry.

d) Maintain and enhance our partnerships with external collaborators, including the Tampa Bay Educational Partnership, as well as other school districts, governmental agencies, community organizations, philanthropic organizations, and the private sector – continue to develop strategic partnerships with organizations/entities named above that share our goals and commitment to improving education through research and scholarship.

e) Endeavor to provide faculty assignments commensurate with a major research university for those who are engaged in sustained scholarly productivity and substantive involvement in doctoral supervision.

f) Continue to support the COEDU faculty mentoring program.

g) Continue to augment faculty travel to present their research at scholarly conferences.
USF Strategic Plan: Alignment

USF Strategic Plan Goals
Specify where the goals of the Initiative align with the USF Strategic Plan Goals by placing a checkmark in the appropriate box(es).

**X Goal 1:** Expanding world-class interdisciplinary research, creative, and scholarly endeavors.

**X Goal 2:** Promoting globally competitive undergraduate, graduate and professional programs that support interdisciplinary inquiry, intellectual development, knowledge and skill acquisition, and student success through a diverse, fully-engaged, learner-centered campus environment.

**X Goal 3:** Expanding local and global engagement initiatives to strengthen and sustain healthy communities and to improve the quality of life.

**X Goal 4:** Enhancing all sources of revenue, and maximizing effectiveness in business practices and financial management to establish a strong and sustainable economic base in support of USF’s growth.

Compact Plan Emphases
Specify where the emphasis of this Initiative aligns with the USF Strategic Plan themes by placing a checkmark in the appropriate box(es).

☐ X Community Engagement
☐ Global Literary and Impact
☐ X Integrated, Interdisciplinary Inquiry
☐ X Research and Innovation
☐ X Student Success
Initiative Impact

Does this initiative have an impact on:

- Decision Support
- Educational Outreach
- Enrollment Planning and Management
- Graduate School
- Honors College
- Information Technology
- International Affairs
- Library
- Student Affairs
- Undergraduate Studies

Other:
- Office of Research
- Other Colleges (CAS, COE, CBCS, USF Health and others who are potential partners)

Assessment

Means of Assessment (Max. 250 words)

In addition to the benchmarks shown in the next section, we will assess:

a) **Action: Research Infrastructure**
   
   **Assessment:** number of positions filled, including: Pre-Award, Post-Award, GA grant facilitator, 2 CORE graduate students, 2 new post-docs. Number of workshops provided to faculty and staff.

b) **Action: Develop Collaborative Research Groups**
   
   **Assessment:** extent to which the COEDU Collaborative Research Grant Program was implemented; number of faculty who have completed the COS Expertise form; number of colleges/deans who have developed guidelines with the COEDU to facilitate participation of our respective faculties in collaborative research groups; and involvement of faculty from different colleges.

c) **Action: Support campus level efforts to recognize and reward faculty for interdisciplinary collaboration, scholarly, and grant productivity**
   
   **Assessment:** Means of assessment for the COEDU will be developed based on the reports of the Task Force on Faculty Roles, Responsibilities, and Rewards and the Task Force on Integrated Interdisciplinary Inquiry.

d) **Action: Maintain and enhance our partnerships with external collaborators, including the Tampa Bay Educational Partnership, as well as other school districts, governmental agencies, community organizations, philanthropic organizations, and the private sector**
Assessment: number of strategic partnerships with organizations/entities named above and their involvement in research proposals submitted and funded.

e) Action: Endeavor to provide faculty assignments commensurate with a major research university for those who are engaged in sustained scholarly productivity and substantive involvement in doctoral supervision.
Assessment: Results of conferences with Chairs concerning faculty assignments.

f) Action: Continue to support the COEDU faculty mentoring program.
Assessment: Implementation of program and assessment of its perceived value.

g) Action: Augment funds for faculty travel to present their research at scholarly conferences.
Assessment: Budgeted supplemental funds to support travel for faculty.

Criteria for Success (Max. 250 words)

a) Action: Research Infrastructure
Criteria for Success: all specified positions filled on a continuing basis with high quality personnel. Provide at least one workshop per semester for faculty and staff.

b) Action: Develop Collaborative Research Groups
Criteria for Success: the COEDU Collaborative Research Grant Program was successfully implemented; at least 80% of tenured and tenure earning faculty will have completed the COS Expertise form; we will have developed guidelines with CAS, CBCS, COE, and USF Health to facilitate participation of our respective faculties in collaborative research group; we will collect baseline data on extent of involvement of faculty from different colleges in grant proposals submitted and awarded.

c) Action: Support campus level efforts to recognize and reward faculty for interdisciplinary collaboration, scholarly, and grant productivity
Criteria for Success: Criteria for success will be developed based on the reports of the Task Force on Faculty Roles, Responsibilities, and Rewards and the Task Force on Integrated Interdisciplinary Inquiry.

d) Action: Maintain and enhance our partnerships with external collaborators, including the Tampa Bay Educational Partnership, as well as other school districts, governmental agencies, community organizations, philanthropic organizations, and the private sector
Criteria for Success: Increased research and grant proposals submitted and funded as a result of partnerships formed.

e) Action: Endeavor to provide faculty assignments commensurate with a major research university for those who are engaged in sustained scholarly productivity and substantive involvement in doctoral supervision.
Criteria for Success: Differentiated faculty assignments are in place and an increased number of faculty have assignments commensurate with a major research institution.

f) Action: Continue to support the COEDU faculty mentoring program
Criteria for Success: All aspects of the faculty mentoring program are delivered and faculty mentors and mentees express a high degree of satisfaction with the program.

g) Action: Continue to augment funding for faculty travel to present their research at scholarly conferences
Criteria for Success: Increased presentations made at national and international conferences for faculty as a result of increased expenditures on faculty travel.

Strategic Plan Performance Metrics
Specify how the emphasis of this Initiative aligns with the metrics identified in the Strategic Plan Performance Matrix.

<table>
<thead>
<tr>
<th>Measure</th>
<th>Value</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>X Federal R&amp;D Expenditures</td>
<td>_____</td>
<td>Anticipated grants (for value enter total amount expected July 1, 2009 to June 30, 2010)</td>
</tr>
<tr>
<td>X USDA, State, Industrial Research Expenditures</td>
<td>_____</td>
<td>Anticipated grants (for value enter total amount expected July 1, 2009 to June 30, 2010)</td>
</tr>
<tr>
<td>X Postdoctoral Appointees</td>
<td>2</td>
<td>Participate in research collaborative groups to pursue grants in which we have a critical mass of faculty and are competitive.</td>
</tr>
<tr>
<td>X Citations – US University Science Indicators</td>
<td></td>
<td>No. of peer reviewed national publications by faculty annually No. of citations in peer reviewed national publications annually</td>
</tr>
<tr>
<td>X Doctorates Awarded</td>
<td>_____</td>
<td></td>
</tr>
</tbody>
</table>
Resource Needs
Current Budget: Allocation-Reallocation

<table>
<thead>
<tr>
<th>From Account</th>
<th>To Account</th>
<th>One-Time Cost</th>
<th>Recurring Cost</th>
<th>Description of Expenditure</th>
</tr>
</thead>
<tbody>
<tr>
<td>_______</td>
<td>_______</td>
<td>$_________</td>
<td>$_________</td>
<td>__________________________</td>
</tr>
<tr>
<td>_______</td>
<td>_______</td>
<td>$_________</td>
<td>$_________</td>
<td>__________________________</td>
</tr>
<tr>
<td>_______</td>
<td>_______</td>
<td>$_________</td>
<td>$_________</td>
<td>__________________________</td>
</tr>
</tbody>
</table>

New Funds: Proposed

Source

<table>
<thead>
<tr>
<th>Source</th>
<th>One-Time Cost</th>
<th>Recurring Cost</th>
<th>Description of Expenditure</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fees</td>
<td>$_________</td>
<td>$_________</td>
<td>__________________________</td>
</tr>
<tr>
<td>Contracts &amp; Grants</td>
<td>$_________</td>
<td>$_________</td>
<td>__________________________</td>
</tr>
<tr>
<td>Overhead</td>
<td>$_________</td>
<td>$_________</td>
<td>__________________________</td>
</tr>
<tr>
<td>Auxiliary</td>
<td>$_________</td>
<td>$_________</td>
<td>__________________________</td>
</tr>
<tr>
<td>State Funds (E&amp;G)</td>
<td>$_________</td>
<td>$_________</td>
<td>__________________________</td>
</tr>
<tr>
<td>Private giving</td>
<td>$_________</td>
<td>$_________</td>
<td>__________________________</td>
</tr>
<tr>
<td>Research (direct costs)</td>
<td>$_________</td>
<td>$_________</td>
<td>__________________________</td>
</tr>
<tr>
<td>Research (F&amp;A IDCR)</td>
<td>$_________</td>
<td>$_________</td>
<td>__________________________</td>
</tr>
<tr>
<td>Category</td>
<td>Amount 1</td>
<td>Amount 2</td>
<td>Remarks</td>
</tr>
<tr>
<td>--------------------------------</td>
<td>----------</td>
<td>----------</td>
<td>--------------------------</td>
</tr>
<tr>
<td>Patents &amp; Licensing</td>
<td>$________</td>
<td>$________</td>
<td>__________________________</td>
</tr>
<tr>
<td>Legislative Budget Requests</td>
<td>$________</td>
<td>$________</td>
<td>__________________________</td>
</tr>
<tr>
<td>(federal/state)</td>
<td>$________</td>
<td>$________</td>
<td>__________________________</td>
</tr>
<tr>
<td>PECO</td>
<td>$________</td>
<td>$________</td>
<td>__________________________</td>
</tr>
<tr>
<td>Other</td>
<td>$________</td>
<td>$________</td>
<td>__________________________</td>
</tr>
<tr>
<td>Total</td>
<td>$________</td>
<td></td>
<td>__________________________</td>
</tr>
</tbody>
</table>