Competitive Faculty-Business Fellowship

Competitive Solicitation Opens February 1, 2012
Competitive Proposals Accepted through March 23, 2012

Objectives
Support faculty and business collaboration to develop new green/clean innovation initiatives that are likely to result in long term external support and movement of an innovation technology along the research-to-commercialization continuum to become a viable market product or process.

- Encourage faculty to align new innovation research activity to the following strategically targeted areas:
  - Composite Materials.
  - Renewable Energy.
  - Energy Efficiency.
  - Bioengineering/Biotechnology.
  - Nanotechnology.
  - Sustainability.
  - Advanced Manufacturing.
- Foster the development of innovative research initiatives that realize their potential for commercialization by accelerating the research to market development and or increased student understanding of entrepreneurship/commercialization.
- Initiate a conversation in the College about potential innovation initiatives in partnership with private enterprise.

Funding
- $20,000 total for faculty salary, equivalent travel, or student support with at least $5,000 for support of a graduate and/or an undergraduate student.
- Funds will be available beginning 05-01-2012 and must be expended within a year.
- Any unexpended funds will be used to support proposals funded in the following year.
- Preference will be given to new faculty/industry relationships.

Restrictions
- One proposal per faculty.
- Funds cannot support proposals augmenting existing funded research projects.
- Funds cannot be used for capital equipment.
- Funds cannot be used for international travel.

Award Criteria
Awards are competitive. The selection will be based on how well the proposal presents the case that award will significantly contribute to the development of a commercially viable technology/innovation.

- Essential attributes:
  - Partner with industry or external funding entity. Preference will be given to new partnerships.
  - Clearly addresses the strategic innovation research objectives.
  - Identifies specific deliverables from proposed work.
  - Explores new and novel innovation research opportunities.
  - Develops new, meaningful, and sustained collaborations with individuals outside of the college.
  - Builds a foundation for sustained innovation commercialization.
  - Presents a budget in alignment with the proposed work.
- Desirable attributes:
  - Develops new, meaningful, and sustained collaborations with individuals outside of the University (industry, laboratories, and other universities).
  - Involves underrepresented and underserved Kansas undergraduate and graduate students.
Grant Reporting
Grant recipients must submit a final report that addresses the following:

- Additional proposals, submitted or accepted, owing directly to the Fellowship.
- Movement of innovation along the research to market continuum.
- Additional funding secured from industry or other sources.
- New collaborations formed.
- Fellowship related publications and presentations.
- Copies of winning proposals and reports will be available upon request.

❖ Proposal maximum length is seven pages
  o Cover page
    - Applicant(s)
    - Point of contact, name, phone number and email
    - Anticipated team members
  o Six page narrative must include a budget with budget justification
  o Use one-inch margins, 12-pt times new roman font, and single-spaced text.
❖ Send a pdf file of the complete proposal to innovation@wichita.edu by March 23, 2012.
❖ Projects will be evaluated by the CIEE Technical Advisory Panel (TAP) using the scoring rubric provided.
❖ If project advances to the semi-final round, faculty will be required to make a 10-minute presentation on Friday afternoon, April 6, 2012. Please save the date on your calendars; semi-finalist will be notified on April 5, 2012.
❖ The results of proposal evaluations will be communicated on April 11, 2012.

### Strategic Innovation Faculty/Business Fellowship Scoring Rubric

<table>
<thead>
<tr>
<th></th>
<th>Low (0 points)</th>
<th>High (10 points)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Strategic innovation objectives (weight x 2)</td>
<td>Does not address objectives</td>
<td>Clearly addresses strategic research objectives</td>
</tr>
<tr>
<td>New novel innovation opportunities</td>
<td>Fundamentally a continuation of current work</td>
<td>An innovative research activity that marks College as uniquely qualified.</td>
</tr>
<tr>
<td>Substantive outcome</td>
<td>No substantive outcome identified</td>
<td>Publications and grant proposals generated</td>
</tr>
<tr>
<td>External collaboration (weight x 2)</td>
<td>No external collaborators identified</td>
<td>Collaborators identified but potential for continuation uncertain</td>
</tr>
<tr>
<td>Sustainability of commercialization plan (weight x 2)</td>
<td>Long term support not addressed</td>
<td>Ongoing support identified at Federal program level or with partner firm</td>
</tr>
<tr>
<td>Budget alignment</td>
<td>No clear link between budget and proposed effort</td>
<td>Budget is effectively targeted to accomplish proposed work</td>
</tr>
<tr>
<td>Student involvement</td>
<td>Roles not identified</td>
<td>Typical student involvement</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Roles clearly identified (if WSU, UG student qualifying for ENGR 2020)</td>
</tr>
</tbody>
</table>

Maximum Score 100
WSU receives nearly $2 million federal jobs and innovation grant
Friday, September 23, 2011 11:56 AM

Wichita State's Center for Innovation and Enterprise Engagement will receive a nearly $2 million federal interagency grant to create more jobs by supporting advanced manufacturing innovators to get commercially viable processes and products into production faster.

The Sept. 22 announcement was made by Acting U.S. Secretary of Commerce Rebecca Blank, U.S. Secretary of Labor Hilda L. Solis, Small Business Administration Administrator Karen Mills and U.S. Assistant Secretary of Commerce John Fernandez, as part of the Obama administration's $37 million Jobs and Innovation Challenge, a multi-agency competition to support the advancement of 20 competitively selected, high-growth industry clusters across the country.

Economic development
First announced in May, the challenge aims to accelerate innovation-fueled job creation and global competitiveness by awarding grants to regions that demonstrate the existence of high-growth industry clusters that support a range of economic and workforce development activities.

"The Jobs and Innovation Accelerator program meshes economic development and workforce objectives with WSU's academic mission and empowers faculty, students and staff to employ assets and brainpower with the private sector to make innovation accessible, achievable and executable," said Zulma Toro-Ramos, dean of WSU's College of Engineering and director of the WSU center.

The funds awarded to Wichita State can be used to support and accelerate a range of measurable outcomes, including innovation, commercialization, business formation and expansion, development of a skilled workforce, job creation, exports, sustainable economic development and global competitiveness in enterprises that exhibit high growth development potential. These successful innovators will promote growth that is inclusive of the region's population.

"Receiving this grant and doing the work made possible by the funds provided is an excellent example of how Wichita State University contributes to the economic development of the region," said Keith Pickus, interim provost at Wichita State University.

Wichita State established the Center for Innovation and Enterprise Engagement in November 2010 to provide the expertise and infrastructure needed to help accelerate development of the advanced manufacturing industry cluster in Kansas.

The programs, laboratories and expertise of the College of Engineering, in collaboration with the center's partners and institutions, will build on WSU's reputation as a trusted industry partner engaging to tackle problems with passion and objectivity. The center provides help with engineering support, workforce training and business planning. More than 200 small and medium sized companies are part of the economic cluster.

The center will be opening a competitive solicitation for technology development and business counseling grants to innovators. Interested parties should contact the center at innovation@wichita.edu to receive additional information.

Read more about the Jobs and Innovation Accelerator Challenge.

Contact: Debra Franklin, director of operations, WSU Center for Innovation and Enterprise Engagement, (316) 978-5209 or debra.franklin@wichita.edu.