Agenda

11:00 Luncheon will be available

I. Welcome, Introductions and Announcements (11:15)

II. Approval of Agenda

_Recommended Action: Approve or modify agenda as needed._

III. Approval of Minutes from July 12, 2011, Board of Directors Meeting (p. 2-3)

_Recommended Action: Approve or modify minutes as needed._

IV. Bylaws (p. 4-9)

_Recommended Action: Approve or modify minutes as needed._

V. Board Composition (p. 10)
   A. Additional Board Members, per REAP nomination
   B. Co-Chair
   C. Executive Committee

_Recommended Action: Approve co-chair and executive committee nominees as recommended._

VI. Funding Update (p. 11)
   A. State Energy Sector Partnership and Training Grant, $102K for eight industrial energy system analyst internships for four semesters
   B. Jobs and Innovation Accelerator
      i. Competitive Faculty/Business Fellowships, ($20K Y1, $20K Y2), (p. 13-14)
      ii. Competitive Innovation Accelerator, $10K to $50K each ($130K Y1, $68K Y2), (p. 15-18)

_Recommended Action: Approve or modify competitive funding mechanisms as needed._

VII. Technical Advisory Panel (TAP), (p. 19)

_Recommended Action: Approve or modify structure as recommended._

VIII. Adjourn (12:30 p.m.)

Next Meeting:
January 10, 2012, WSU Marcus Welcome Center, Room 102 from 10:30 a.m. to Noon
III. Approval of Minutes from July 12, 2011

Recommended Action: Approve or modify minutes as needed.


table

<table>
<thead>
<tr>
<th>Members present are listed in bold text.</th>
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<tbody>
<tr>
<td>David Alfaro, Butler County Economic Development</td>
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<td>Ed Berger, Hutchinson Community College</td>
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<td>Robert Dalke, Kansas WorkforceOne</td>
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<td>Barbara Davis, Society of Women Engineers</td>
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<td>Mickey Fornaro-Dean, Harvey County Economic Development</td>
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<td>Darrell Dugan, Burnham Composites</td>
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<td>Doug Fulton, Siemens</td>
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<td>Sherry Gegen, Kansas Department of Commerce</td>
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<td>Mike Helmer, Aircraft &amp; Commercial Enterprises</td>
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<td>Anthony G. Kinkel, Wichita Area Technical College</td>
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<td>Keith Laving, Workforce Alliance of South Central Kansas</td>
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<td>Kevin Payne, Galaxy Tools</td>
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<td>Tim Pett, Center for Entrepreneurship, WSU</td>
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<td>Kla Schmidt, Spirit AeroSystems</td>
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<td>Richard Sullivan, CRDC</td>
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<td>John Tomblin, NIAR, WSU</td>
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<td>Zulma Toro-Ramos, College of Engineering, WSU</td>
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<td>Dave Unruh, REAP</td>
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<td>Will Waselowsky, AGCO Corporation</td>
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<td>Rick Williamson, Dell Engineering Solutions</td>
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<td>Kristy Williams, REAP</td>
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<td>Phil Wysenbach, Hillsboro Industries</td>
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<td>Aviation Employer, 1,000, Vacant</td>
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<td>Financial/Investor, Vacant</td>
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<td>K-12, Vacant</td>
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<tr>
<td>Debra Franklin, CIEE, WSU</td>
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<tr>
<td>Guest: Joe Yager for KW</td>
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Meeting Topics and Discussion:

I. Welcome and Introductions
The meeting opened by Zulma Toro-Ramos with a welcome and introductions.

II. Center for Innovation and Enterprise Engagement (CIEE), background
Brief overview WIRED Initiative, strategic planning and successor organization development was presented by Debbie Franklin.

III. Review Business Plan
A. Goals and activities
Review of business plan goals and activities with focus on page 13 of Business Plan draft.

B. Funding received and pending
Review of funding instruments focusing on page 8 of Business Plan draft was followed by a discussion of alternate funding options for the CIEE. Concerns were voiced regarding dependence on Federal funding and the volatility of the funding streams. Members shared that there are likely to be an increased number of competitive funding opportunities, but that the amount of funding is going to decrease over time. Consensus seemed to be that it is important to have a diversified funding stream, with request tied to performance metrics and supporting regional initiatives.

C. Board of Directors structure and member roster
Review of board’s structure and roster with focus on page 12 and pages 20-22 of Business Plan draft and governance diagram.
Discussion included details on the CIEE communication plan including board members’ speakers’ bureau, CIEE web page, and links on regional chamber of commerce web pages, and outreach to include economic development professionals and industry groups.

IV. Action Items
   A. Co-chair election
      Nominations were offered for CIEE co-chair, and election was tabled for candidate to consider leadership opportunity. A conference call meeting is scheduled for August 16 at 10:30 a.m. to elect co-chair.

   B. Executive Committee, composition and member election
      After a brief discussion related to a mixed composition of the executive committee, it was suggested and agreed that staff should put forth a roster of candidates to be considered on the August 16 conference call meeting.

   C. Board member terms of service
      Item tabled until the October 11, 2011 meeting.

   D. Vacancies on Board
      Board members were asked to consider nominating candidates for the three vacant board positions. Two candidates were suggested for the financial/investor board position and Keith Lawing offered to assist in identifying a multi-district K-12 education candidate. Candidates will be considered on the August 16 phone conference and at the October 11, 2011 meeting.

   E. Technical Advisory Panel
      Item tabled until the October 11, 2011 meeting.

V. Next Meeting
   A. Review updated By-laws
   B. Technical Advisory Panel, review and affirm appointments
   C. Date: October 11, 2011, Location: Marcus Welcome Center, Clark Auditorium, Room 102
      Time: 10:30 a.m. to Noon. 2012 meetings are scheduled for January 10, April 10, July 10, and October 10, 2012.

VI. Adjourned at 11:20 a.m.
IV. Bylaws

Recommended Action: Approve or modify minutes as needed.

CENTER FOR INNOVATION AND ENTERPRISE ENGAGEMENT
DRAFT BYLAWS – September 27, 2011

ARTICLE I
Name and Authority

Section 1: Name
The name of this organization shall be the Center for Innovation and Enterprise Engagement Board of Directors, hereinafter called “Board.” Its area of interest is South Central Kansas, which includes Butler, Cowley, Harper, Harvey, Kingman, Marion, McPherson, Reno, Sedgwick, and Sumner counties of Kansas.

Section 2: Mission
The goal of the Center for Innovation and Enterprise Engagement is to escalate the development and predominance of the south central Kansas advanced manufacturing cluster in the global economy. The Center will employ an interdisciplinary approach with collaborative partners to promote industry diversification, new industry formation, and process and product improvements within existing firms. The Center will extend and expand the training elements of the Composite Kansas WIRED Initiative that focused on entrepreneurship and small business development and provide additional technical assistance and economic development support to business enterprises.

Section 3: Authority
The Board was formed to provide governance for Center for Innovation and Enterprise Engagement. Board members will be senior executives who are regional champions with significant social networks that can provide the Center with access and flexibility to implement growth strategies and guide the regional innovation efforts. Board members shall include representation from business and industry, government, economic development, post-secondary education, K-12 education, workforce development, professional organizations, financial/investor, and entrepreneurship.

Section 4: Interrelationship of the Board of Directors and the Staff
A. The Board: The Board is a body, which has been formed to carry out the mission and goals of the Center for Innovation and Enterprise Engagement (“Center”) as outlined in the August 30, 2010, Center summary that was presented to the Kansas Board of Regents (“KBOR”) by Wichita State University and was approved upon recommendation by the KBOR on October 20, 2010. While the Board itself will retain ultimate authority over final resolution of Center issues, Staff will be hired to oversee the day-to-day duties of the Center. The Board is empowered to make administrative decisions of spending and process.

B. The Staff: The staff will perform day-to-day functions that will advance the Center in the areas of, but not limited to, applied research, technical assistance, workforce development, economic development, outreach and network development. Other staff may be added to meet needs of the Center as approved by the Board. The Center’s Director will act as the direct liaison with the Board. The Staff will be comprised of:
   i. Director - Management of overall Initiative, including strategic and tactical operations.

September 2011 Draft
ii. Director of Operations - Responsibilities include supervision and management of program activities and workforce initiatives funded by the grant, but implemented by other organizations, keeping a book of minutes of all meetings of the Board, screening and responding to calls, event planning, travel arrangements, preparing PowerPoint presentations and reports, correspondence, and organizing files.

C. The Fiscal Agent: College of Engineering will serve as the Fiscal Agent of the Center. In this role the College of Engineering will have a fiduciary responsibility to grant funding agencies for the lifetime of the Center. In that capacity, purchasing policies and procedures, including bidding, will follow the WSU College of Engineering guidelines. Center Director is enabled to make administrative expenditures, without expenditure by expenditure approval by the Board, as long as such purchases are within the confines of the approved budget. College of Engineering reserves the right to challenge or question any action that they feel is fiscally irresponsible or contradictory to the intent of the original grant. Payment will be withheld until resolution of issues has been reached by the Executive Committee or Board.

D. Executive Committee: The Executive Committee will be empowered to act on behalf of the Board to address any modifications in funding or outcomes that require quick or immediate attention. Any issues before the Executive Committee and actions taken will be communicated to the Board. The seven (7) member Executive Committee is comprised of the Board’s co-chair(s), three (3) private sector Board members and one (1) Board member from post-secondary education and economic development. Non-voting ex officio members will include senior officials from the local workforce boards and the director of operations will be a staff member.

ARTICLE II
Membership and Officers

Section 1: Board Composition
Board members are comprised of a cross section of individuals and organizations representing business and industry, government, economic development, post-secondary education, K-12 education, workforce development, professional organizations, financial/investor, and entrepreneurship. Members of the Board shall represent a broad geography of the ten-county region.

Initially the coordination of the Board will be facilitated by the Dean of the College of Engineering. The Kansas Department of Commerce will appoint one Board member. The Board will also include members appointed by the Regional Economic Area Partnership (REAP) from business and industry (10), local elected officials (2), workforce development (2, ex officio) and a professional organization. The LA I and LA IV workforce investment board directors will appoint

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1 The Regional Economic Area Partnership (REAP) is comprised of thirty-four city and county governments in the nine counties of South Central Kansas, which include Butler, Cowley, Harper, Harvey, Kingman, McPherson, Reno, Sedgwick, and Sumner counties. These jurisdictions have voluntarily joined together for two primary purposes – to guide state and national actions that affect economic development in the region and to consider and adopt joint actions among member governments that enhance the regional economy.
economic development (2) and post-secondary education (2) members. A K-12 education representative will be appointed by the Kansas Education Commission and a financial/investor representative will be appointed by the Kansas Technology Enterprise Corporation (KTEC). The President of WSU will appoint university members (3). Once the Board is established, the private sector co-chair will be selected by the Board. Meetings are to be conducted at the discretion of the Board, at least quarterly, to guide the transformation efforts and review the progress of the Center’s strategies and operations.

Board members agree to support the efforts of the Center for Innovation and Enterprise Engagement by providing strategic guidance to the initiative and to support the best interests of the region.

Section 2: Criteria for Board of Directors
The Board shall be encouraged to assure that members meet the following criteria:

A. Has experience in one or more of the following areas:
   i. Advanced manufacturing industry
   ii. Workforce development in the region
   iii. Economic development in the region
   iv. Entrepreneurship
   v. Education
   vi. State government

B. Is willing to assume responsibility for communicating with a major stakeholder, and to attend regular meetings.

Section 3: Resignations
Any Board member may resign at any time by giving written notice to the co-chairperson. Such resignation shall take effect at the date of the receipt of such notice or at any later time specified therein and, unless otherwise specified therein, the acceptance of such resignation shall not be necessary to make it effective.

Section 4: Vacancies
The Board may declare a vacancy if a member is of unsound mind by an order of the court, or convicted of felony, or for any other proper cause, or if within 60 days after notice of selection, the member does not accept such position either by writing or by attending a meeting of the Board.

Any vacancy or vacancies in the Board because of death, resignation, removal in any manner, disqualification, an increase in the number of members, or any other cause, may be filled by the Board based upon nominations presented at any regular or special meeting; and each person so elected shall be a member to serve for the balance of the unexpired term of the Center.

A two-thirds vote by the Board is needed to confirm a candidate to a position in the Board.

Section 5: Officers
Elections and Terms of Office

Voting members shall elect officers of the Board. The officers shall consist of two co-chairpersons. The co-chairs shall be the chief policy officers for the Center and shall exercise all
the powers and duties in the leadership of the Center as are generally associated with such office, including but not limited to the power to execute on behalf of the Center such documents and legal instruments as are authorized by actions taken by the Board. The co-chair(s) shall represent the Center before all bodies in their official capacity and serve as the spoke-persons for the organization.

Private sector Co-chairperson of the Board shall be elected by a majority vote of the Board with a quorum present. The Dean of the College of Engineering will serve as Co-chair.

ARTICLE III
Meetings

Section 1: Meetings
Meetings are to be conducted at the discretion of the Board, at least quarterly, to guide the innovation efforts and review the progress of the Center's strategies and operations.

Section 2: Agenda Items
Matters may be placed on the agenda for consideration at meetings of the Board by any of the following:
A. Co-chairperson
B. Member of the Board
C. Director of operations

Section 3: Expenses
All members shall serve without compensation.

Attendance at other meetings for general interest is encouraged, reimbursement for these activities are generally not covered, but may be pre-authorized on a limited basis as funds are available. Guidance in these situations may be requested.

Section 4: Attendance
If any Board member fails to attend three consecutive regular meetings without extenuating circumstances, the Board Co-chairperson(s) shall recommend that the member be removed and this action must be voted on by a quorum of the Board.

If a member is unable to attend the Board meeting, a non-voting proxy representative may attend the meetings and report for the member who is unable to attend.

Section 5: Quorum and Voting Rights
The presence, in person or by telephone conference call or other communications equipment with which all persons participating in the meeting can communicate with each other, of a majority of the currently appointed Board members at any meeting, shall constitute a quorum for the transactions of business.

Once a quorum is established, a majority vote of the members present shall be required for the transactions of business. Such members shall each have one vote. All action of the Board shall be taken by a show of hands or spoken affirmation in an open meeting.
Section 6: Alternates
A member can designate, in advance, one alternate to represent him/her at a meeting. Alternates do not have voting rights and will not be recognized as constituting the voting members attendance. Alternates are not counted in determining a quorum.

Section 7: Conflicts of Interest Policy
A Board member shall declare a conflict of interest, refrain from entering into the discussion of the matter as a Board member and not cast a vote on any matter which has a direct bearing on services to be provided by, or authority or responsibility to be imposed upon, that member or any employer of such member or organization which that member directly represents, or on any matter which would financially benefit such member, an immediate family member of such member or any employer of such member or organization such member represents. In the event a Board member fails to comply with these conflict of interest provisions, the co-chairperson of the Board may, upon a reasonable belief of a Board member’s conflict of interest, bar the member from the discussion and vote on the matter. At the discretion of the co-chairperson, the Board member may be asked to withdraw from the meeting where the matter is being discussed.

ARTICLE IV
Procedures

Section 1: Standing Committees, Subcommittees and Task Forces
The Board may designate standing committees to study issues of concern and present recommendations and report regularly to the full Board. Every Board member may be required to serve on at least one standing committee or technical advisory committee. Standing Committees may establish their own priorities, unless directed to focus upon a particular matter by the full Board and may establish subcommittees.

Task forces may be appointed to study or address issues that generally are of short duration and very specific in their responsibilities.

Section 2: Procedures for bringing issues before Board for Action
Whenever possible, issues brought before the Board for a vote shall be fully researched by staff, a standing committee or a task force, with both sides of an issue presented to the full Board prior to the meeting where the vote will be taken. Exceptions may be made when immediate action is critical to impact a decision.

ARTICLE V
Amendments

These bylaws may be altered, amended, or repealed and new bylaws may be adopted by an affirmative vote of two-thirds of the Board members present at any regular meeting under the following conditions:
A. A quorum is present;
B. That written notice of such meeting, setting forth the proposed bylaw revisions, is given to all members at least twenty (20) days prior to such meeting;
C. The requirement for a twenty (20) day advance notice of a proposed bylaw amendment or repeal may be waived by vote of the Board declaring an emergency, followed by an affirmative vote by three quarters (3/4) of the Board present and voting at a regular meeting.

Bylaws shall be effective immediately upon adoption.

ARTICLE VI
Principles

A. The Center for Innovation and Enterprise Engagement comes before special and/or jurisdictional interests.
B. Members will act on the basis of information and understanding.
C. We will focus our efforts strategically to achieve the greatest contribution possible.
D. We shall strive to achieve a Board consensus bringing together diverse views to yield actions/recommendations important to the Center for Innovation and Enterprise Engagement
E. We will comment as a Board constructively and with appropriate suggestions and offers of help.
F. We will be proactive.
G. As individual members of the Board we shall:
   i. Listen to each other
   ii. Speak our beliefs
   iii. Be objective
   iv. Work toward benefiting the Center for Innovation and Enterprise Engagement rather than special or self interests

ARTICLE VII
Adoption of Bylaws

Upon an affirmative vote of two-thirds of the membership of the Center for Innovation and Enterprise Engagement present and voting, these Bylaws were adopted this <Insert Date>

Zulma Toro-Ramos, Co-Chair

__________, Co-Chair
V. Board Composition

A. Additional Board Members, per REAP nomination
   i. Jim Krone, Director Structural Integrity, Cessna Aircraft Company, aviation employer 1,000+
   ii. Robin Harris, Kansas Department of Education, K-12
   iii. Vacant, Financial/Investor

B. Co-Chair, awaiting confirmation from nominee

C. Executive Committee
   i. Zulma Toro-Ramos, Dean, WSU College of Engineering, Co-Chair, WSU board position
   ii. Awaiting confirmation from nominee. Co-Chair, private sector board position
   iii. Mike Helmer, President, Aircraft & Commercial Enterprises, private sector board position
   iv. Darrell Dugan, Director of Business Development, Burnham Composites, aviation supply chain board position
   v. Phil Wyssenbach, President, Hillsboro Industries, at-large business or industry board position
   vi. Ed Berger, President, Hutchinson Community College, post-secondary education board position
   vii. Mickey Fornaro-Dean, Executive Director, Harvey County Economic Development, economic development board position
   viii. Keith Lawing, Executive Director, Workforce Alliance of South Central Kansas, workforce board position

Recommended Action: Approve co-chair and executive committee nominees as recommended.

Figure 1. DRAFT CIEE Governance Chart
VI. Funding Update

A. State Energy Sector Partnership and Training Grant, $102K for eight industrial energy system analyst internships for four semesters

B. Jobs and Innovation Accelerator
   i. Competitive Faculty/Business Fellowships, ($20K Y1, $20K Y2)
   ii. Competitive Innovation Accelerator, $10K to $50K each ($130K Y1, $68K Y2)

Recommended Action: Approve or modify competitive funding mechanisms as needed.

Jobs and Innovation Accelerator Challenge Projects

Grant Program: Jobs and Innovation Accelerator Challenge
Grantee Name: Wichita State University
Project Name: Center for Innovation and Enterprise Engagement

Identified Region: South Central Kansas including Butler County, Cowley County, Harper County, Harvey County, Kingman County, Marion County, McPherson County, Reno County, Sedgwick County, Sumner County

Identified Cluster: Advanced materials

Project Description and Objectives: The following complementary strategies will equip south central Kansas manufacturers with the resources and the workforce to diversify the regional economy while maintaining the manufacturing base and position the regional advanced manufacturing clusters for future growth, stability and global competitiveness. Innovation Accelerator will provide a forum for industry collaboration and provide assistance to accelerate development of innovative, cost-effective, sustainable, next-generation, composites and advanced materials, processes, repair technologies and products. Career Accelerator will expand workforce training from students to entry-level workers and experienced engineers in order to equip and raise the skill level of a premier composite technicians’ workforce who will be qualified to obtain or upgrade employment in a variety of high-growth industries. Enterprise Accelerator will engage historically underrepresented and excluded communities in support of identifying, planning and developing new business opportunities.

Brief Description of Activities to be Funded by Each Agency:
EDA: Industry Roundtable, Competitive Faculty/Business Fellowships, Competitive Innovation/Technology Accelerator including technical assistance, feasibility studies, planning activities, technology or process development, cluster networking, market expansion. ($849,180)
ETA: Articulation agreement development and implementation for New Engineering Technology Degree, Bridge Program to promote success of new engineering and engineering technology students, Online composites course development, Scholarships and work experience, internships, and co-ops. ($1,000,000)
SBA: Expand the CIEE advanced Manufacturing Industry Roundtable and
Collaborative Partner Technical and Management-Assistance Programs to reach underserved market. Partner with the Hispanic Chamber of Commerce to target businesses for training, counseling, technology transfer, commercialization of existing research and development counseling, export readiness counseling and other relevant small business services. A team will focus on engagement and integration of small businesses eligible for 7(j) assistance. These efforts will be integrated in a comprehensive plan of training and economic development to include disadvantaged communities working with SBA’s Small Business Development Center resource partners. ($144,239)

**Jobs and Innovation Accelerator Challenge Projects**

1. Northern, Maine: GreenME
2. Finger Lakes, NY: Finger Lakes Food Processing Cluster Initiative
4. Pittsburgh, PA: Southwestern Pennsylvania Revitalization
5. Northeast, OH: Northeast Ohio Speed-to-Market Accelerator
8. GA: Atlanta Health Information Technology Cluster
9. FL: Space Coast Clean Energy Jobs Accelerator
10. Milwaukee, WI: Milwaukee Regional Water Accelerator Project
11. Rockford, IL: Rockford Area Aerospace Cluster
12. St. Louis, MO: St. Louis Bioscience Jobs and Innovation Accelerator Project
13. Northeast, MN: Minnesota’s Mining Cluster
14. MO and KS: KC Regional Jobs Accelerator
15. AR, MO, OK: The ARK: Acceleration, Resources, Knowledge
16. South Central, KS: Center for Innovation and Enterprise Engagement
17. MT, ND, SD: Upper Missouri Tribal Environmental Risk Mitigation
18. Puget Sound, WA: Washington Interactive Media Accelerator
19. OR and WA: Portland Regional Clean Tech Advance Initiative
20. San Diego, CA: San Diego-Imperial Valley Renewable Energy Generation Training and Demonstration Center
VI.B.i. Competitive Faculty/Business Fellowship, ($20K Y1, $20K Y2)

Center for Innovation and Enterprise Engagement
Wichita State University

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.
  - Nanotechnology.
  - Sustainability.
- 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 1-15-2012 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 green/clean technology.

- 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:
  o Involves underrepresented and underserved Kansas undergraduate and graduate students.
  o Develops new, meaningful, and sustained collaborations with individuals outside of the University (laboratories, other universities, or with industry).

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 Submission:
There is a 5-page limit for proposals excluding cover sheet (one page) and budget with justification (one page). 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 November 30, 2011. The results of proposal evaluations will be communicated on January 11, 2012.

<table>
<thead>
<tr>
<th>Strategic Innovation Faculty/Business Fellowship Scoring Rubric</th>
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<tbody>
<tr>
<td>Low (0 points)</td>
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<tr>
<td>High (10 points)</td>
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<tr>
<td>Strategic innovation objectives (weight x 2)</td>
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<tr>
<td>Does not address objectives</td>
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<tr>
<td>May have an impact on strategic objectives</td>
</tr>
<tr>
<td>Clearly addresses strategic research objectives</td>
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<tr>
<td>New novel innovation opportunities</td>
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<tr>
<td>Fundamentally a continuation of current work</td>
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<tr>
<td>A new area of research for the faculty</td>
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<tr>
<td>An innovative research activity that marks College as uniquely qualified.</td>
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<tr>
<td>Substantive outcome</td>
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<tr>
<td>No substantive outcome identified</td>
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<tr>
<td>Outcomes identified with local impact</td>
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<tr>
<td>Publications and grant proposals generated</td>
</tr>
<tr>
<td>External collaboration (weight x 2)</td>
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<tr>
<td>No external collaborators identified</td>
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<tr>
<td>Collaborators identified but potential for continuation uncertain</td>
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<tr>
<td>Developed new, meaningful, and sustainable collaborations with individuals outside of the college and university</td>
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<tr>
<td>Sustainability of commercialization plan (weight x 2)</td>
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<tr>
<td>Long term support not addressed</td>
</tr>
<tr>
<td>Ongoing support identified at Federal program level</td>
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<tr>
<td>Builds a foundation for sustained research growth / innovation development</td>
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<tr>
<td>Budget alignment</td>
</tr>
<tr>
<td>No clear link between budget and proposed effort</td>
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<tr>
<td>Performa budget structure</td>
</tr>
<tr>
<td>Budget is effectively targeted to accomplish proposed work</td>
</tr>
<tr>
<td>Student involvement</td>
</tr>
<tr>
<td>Roles not identified</td>
</tr>
<tr>
<td>Typical student involvement</td>
</tr>
<tr>
<td>Roles clearly identified (if WSU, UG student qualifying for ENGR 2020)</td>
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Maximum Score 100
VI.B.ii. Competitive Innovation Accelerator, $10K to $50K each ($130K Y1, $68K Y2)

Center for Innovation and Enterprise Engagement
Wichita State University

Objective
The Center for Innovation and Enterprise Engagement (CIEE) will provide competitive technology development and business counseling grants to innovators and entrepreneurs for qualifying expenses related to expanding their ability to conceive, develop, and/or produce new green technologies and to deploy new manufacturing processes and/or to improve the energy efficiency of processes that already exist within their firm. The grant amount is subject to availability of funds. Grant applications are subject to a competitive review, evaluation and approval by the Center’s board of directors.

Innovators and entrepreneurs must align new innovation research activity to the following strategically targeted areas:

- Advanced materials to reduce cost and improve performance
- Systems approach for
  - Energy recovery
  - Energy self-sufficiency
  - Conservation at the water/energy nexus
- Sustainable drinking and waste water management
- Renewable Energy
- Energy Efficiency
- Reuse/Recycling/Restoration
- Green Building Technology

Program Guidelines and Requirements
- Applications are open to all South Central Kansas manufacturing companies.
- Manufacturing company must:
  - Employ at least one full-time employee or have a written business plan to establish an enterprise.
  - Demonstrate financial viability and must be current on all federal, state, and local obligations.
  - Comply with existing employment, health, and safety laws and regulations.
  - Provide an option for employee health benefits.
- Notification of approval must be received prior to start of any technical assistance.
- Third party contracts are prohibited.
- Applications must be submitted to WSU CIEE, 1845 Fairmount St., Wichita, KS 67260-0044.
- Scope of services should be for the purpose of increasing businesses competitive and/or to promote growth and/or avoid layoffs.

Technology Development and Business Intelligence
- Can be conducted at the business’s own facility, at a provider’s facility/laboratory, or at a combination of sites.

Reimbursable Expenses
- Technology development
- Market intelligence
- Laboratory fees
- Faculty/researcher, graduate or undergraduate student fees
- Training software and information technology
- Domestic travel

1 South Central Kansas includes Butler, Cowley, Harper, Harvey, Kingman, Marion, McPherson, Reno, Sedgwick and Sumner Counties. Applications from beyond the initial region will be considered at the discretion of the board.
Costs Not Eligible For Funding

- Firm’s wages (including benefits)
- Costs incurred prior to the approval of the contract
- Construction or purchase of facilities or buildings
- Business relocation expenses
- Bonuses to an individual

Grant Awards

- Businesses/innovators are eligible for grant awards up to $50,000 per year for technology development and business counseling that will be completed within one year.
- Businesses/innovators approved for funds enter into a contract with CIEE which commits\(^2\) the business to complete the innovation plan as proposed in its application.
- Approved budget items are reimbursed upon presentation of adequate documentation and evidence that the technology development/business counseling has been incurred and paid.
- Businesses/innovators will provide a matching contribution to the scope of work. The business reimbursement for innovation acceleration costs will be based upon the size of the employer as follows:
  - 1-25 employees: up to 90%
  - 26-250 employees: up to 75%
  - 251+ employees: up to 50%
- Businesses/innovators will keep accurate records of the project’s implementation process and certify that all information provided for the purpose of requesting reimbursements and reporting is accurate and true.
- Businesses/innovators will submit monthly or quarterly reimbursement requests with required support documentation, to the CIEE.
- Kansas Industrial Training (KIT), Kansas Industrial Retraining (KIR) and or Small Business Innovation Research (SBIR) program funds should be used whenever possible.

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\(^2\) Contractual provisions will determine who will do post-award monitoring and how it will be conducted and documented to provide audit-ready evidence of completion.
**Project Completion**

- All grant projects shall be performance based with specific measurable performance outcomes.
- **Business/innovator** shall provide sufficient documentation to CIEE for identification of metrics defined in the scope of work and any other outcomes deemed pertinent to the grant administrator.
- Final payment for business/innovator receiving grants shall be made when the final report is submitted and all performance criteria specified in the grant have been achieved.
- When a grant award is made, it is for the completion of specific scope of work. If the business/innovator does not complete those components by the end of the contract period (one year), its final reimbursement will be pro-rated to bring the total reimbursement for the project in line with the actual scope of work completed.

**Application Instructions**

Contact the CIEE director of operations to request an application packet or to request assistance with completion of and submission of application.

There is a 5-page limit for proposals excluding cover sheet (one page) and budget with justification (one page). 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 November 15, 2011. The results of proposal evaluations will be communicated on January 11, 2012.

**Selection Criterion**

- Potential for economic impact as assessed through:
  - Number of jobs created and/or retained
  - Value of capital investment
  - Leveraged dollars
  - Creation of new products or business lines
- Student involvement.
- Strength of the partnership – assessment of work plan for the company, organization or innovator requesting and/or providing assistance and history of collaboration.
- Company match.
- Plans for long term collaboration with the center.
- Technical merit as presented by firm and evaluated by the technical advisory panel and board.
## Innovation Accelerator Scoring Rubric

<table>
<thead>
<tr>
<th>Category</th>
<th>Low (0 points)</th>
<th>High (10 points)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Strategic innovation objectives <em>(weight x 2)</em></td>
<td>Does not address objectives</td>
<td>May have an impact on strategic objectives</td>
</tr>
<tr>
<td></td>
<td>May have an impact on strategic objectives</td>
<td>Clearly addresses strategic research objectives</td>
</tr>
<tr>
<td>New novel innovation opportunities <em>(weight x 2)</em></td>
<td>Fundamentally a continuation of current work</td>
<td>A new area of innovation / research for the applicant</td>
</tr>
<tr>
<td></td>
<td>May have an impact on strategic objectives</td>
<td>An innovative research activity that marks KS as uniquely qualified.</td>
</tr>
<tr>
<td>Number of jobs created and/or retained</td>
<td>No impact within 5 year</td>
<td>Growth of less than 10 percent</td>
</tr>
<tr>
<td></td>
<td>Growth of less than 10 percent</td>
<td>Growth of more than 10 percent</td>
</tr>
<tr>
<td>Value of capital investment</td>
<td>No impact within 5 year</td>
<td>Growth of less than 10 percent of current capital</td>
</tr>
<tr>
<td></td>
<td>Growth of less than 10 percent of current capital</td>
<td>Growth of more than 10 percent of current capital</td>
</tr>
<tr>
<td>Leveraged dollars including angel investment and/or venture capital</td>
<td>Minimum required by guidelines</td>
<td>More than the minimum but less than double</td>
</tr>
<tr>
<td></td>
<td>More than double the required guidelines</td>
<td>More than double the required guidelines</td>
</tr>
<tr>
<td>Creation of new products or business lines <em>(weight x 2)</em></td>
<td>No</td>
<td>Incremental improvement or energy savings</td>
</tr>
<tr>
<td></td>
<td>Incremental improvement or energy savings</td>
<td>New or significantly improve product or process that is environmentally sustainable</td>
</tr>
<tr>
<td>Student involvement</td>
<td>No</td>
<td>Student support</td>
</tr>
<tr>
<td></td>
<td>Quality reputation and successful history</td>
<td>Significant student involvement</td>
</tr>
<tr>
<td>Strength of the partnership – assessment of work plan for the company or</td>
<td>Unknown or poor</td>
<td>Weak</td>
</tr>
<tr>
<td>organization requesting and/or providing assistance and history of</td>
<td>Quality reputation and successful history</td>
<td>Quality reputation and successful history</td>
</tr>
<tr>
<td>collaboration <em>(weight x 2)</em></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Company cash match</td>
<td>none</td>
<td>Less than 20 percent</td>
</tr>
<tr>
<td>Plans for long term collaboration with the center</td>
<td>Vague</td>
<td>More than 20 percent</td>
</tr>
<tr>
<td></td>
<td>Extended partnership likely</td>
<td></td>
</tr>
<tr>
<td>Technical merit as presented by firm and evaluated by board *(weight x 2)</td>
<td>None</td>
<td>Low and unlikely to be commercialized</td>
</tr>
<tr>
<td></td>
<td>Meaningful and likely to be commercialized</td>
<td></td>
</tr>
</tbody>
</table>

*Maximum score 160*
VII. Technical Advisory Panel (TAP)

*Recommended Action: Approve or modify structure as recommended.*

Request nominations from each organization on or before October 25, 2011. Each agency will be asked to a) share how their TAP candidate was selected, b) provide the candidate’s name and position, and c) briefly summarize the candidate’s qualifications to serve on the competitive proposal review panel. Candidates will be reviewed and confirmed by the Executive Committee in a conference call on Tuesday, November 1, 2011 at 9:00 a.m.

A. WSU (4)
   i. Center for Entrepreneurship
   ii. College of Engineering (nomination from CoE Strategic Task Force)
   iii. College of Engineering (nomination from CoE Strategic Task Force)
   iv. NIAR

B. Economic Developers (4)
   i. Candidates will be nominated by the South Central Kansas Regional Economic Development Partners (next meeting is on September 28 in Newton)

C. Post-Secondary (4)
   i. Butler County Community College
   ii. Cowley County Community College
   iii. Hutchinson County Community College
   iv. Wichita Area Technical College

D. At Large (4)
   i. Kansas Small Business Development Center
   ii. Private industry representation from CIEE Board nomination
   iii. Private industry representation from CIEE Board nomination
   iv. Wichita Technology Corporation

One member from each classification will serve on a final review panel.
CIEE Board of Directors as of September 27, 2011
1. Aviation Employer, 1,000+, Kip Schmidt, Technology Development Director, Spirit AeroSystems
2. Aviation Employer, 1,000+, Jim Krone, Director - Structural Integrity, Cessna Aircraft Company
3. Aviation Supply Chain, Darrel Dugan, Director of Business Development, Burnham Composite Structures
4. Aviation Supply Chain, Mike Helmer, President, Aircraft & Commercial Enterprises
5. Non-Aviation Advanced Manufacturing Firm, Richard Sullivan, President, CIBOR
6. Non-Aviation Advanced Manufacturing Firm, Doug Fulton, Production Manager/ Director of Operations, Siemens
7. Non-Aviation Advanced Manufacturing Firm, Will Wesolowsky, Local CFO/Controller, AGCO Corporation
8. At Large – Business or Industry, Rick Willardson, Engineering Advisor, Dell Engineering Solutions
9. At Large – Business or Industry, Phil Wyssenbach, President, Hillsboro Industries
10. At Large – Business or Industry, Andy Plyler, President and CEO, Galaxy Tool Corporation
11. Professional Organization, Barbara Davis, Past President, Society of Women Engineers
12. Financial/Investor, Vacant
13. Commerce, Sherry Gegen, Business Executive & Industry Liaison, Regional Director South Central KS Region, Kansas Department of Commerce
14. Economic Development, Mickey Fornaro-Dean, Executive Director, Harvey County Economic Development
15. Economic Development, David Alfaro, Director, Butler County Economic Development
16. Post-Secondary Education, Ed Berger, President, Hutchinson Community College
17. Post-Secondary Education, Anthony G. Kinkel, President, Wichita Area Technical College
18. Elected Official, Kristey Williams, REAP Chairperson, REAP
19. Elected Official, Dave Unruh, REAP EDC Chairperson, REAP
20. K-12, Robin Harris, Assistant Director, Career, Standards & Assessment Services, Kansas Department of Education
21. Wichita State University, Zulma Toro-Ramos, Dean, College of Engineering, WSU
22. Wichita State University, Tim Pett, Director, Center for Entrepreneurship, WSU
23. Wichita State University, John Tumblin, Executive Director, NIAR, WSU
24. Workforce Investment Board LA IV, Keith Lawing, Executive Director, Workforce Alliance of South Central Kansas
25. Workforce Investment Board LA I, Robert Dalke, Executive Director, Kansas WorkforceONE
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.