December 1, 2014

TO: Department Chairs in the College of Engineering, Biological Systems Engineering, Chemistry, Computer Sciences, Geoscience, Mathematics, Physics, and Statistics
    Dean’s Office in the Colleges of Letters and Science and Agricultural and Life Sciences
    Faculty and Staff in the College of Engineering

FROM: Ian M. Robertson, Dean

RE: Harvey Spangler Award for Technology Enhanced Instruction Recognizing Innovative Teaching and Learning Practices Using Technology

It is time to solicit nominations for the Harvey Spangler Award for Technology Enhanced Instruction. Harvey Spangler, a 1956 graduate of the College of Engineering, created this award to recognize members of faculty and instructional staff who have utilized innovative technology-based teaching and learning practices.

The award recipients will be selected by the Dean, based on the recommendation of a committee appointed by the Dean of the College of Engineering.

As of 2011, up to two awards will be given. The recipients of the Harvey Spangler Award for Technology Enhanced Instruction each will receive a plaque and a cash award of $6,000. The award will be presented at the annual Faculty and Staff Appreciation Day.

CRITERIA

Candidates will be judged on their innovative uses of technology in teaching and learning. The nomination materials should demonstrate and document:

- Integration of pedagogy and technology
- Novel use or adaptation of contemporary information technology
- Positive impact on student learning
- Contribution to the College of Engineering goals to enhance teaching and learning through the use of technology
- Extra consideration will be given to technology enhanced learning that moves the faculty or academic staff member from the standard lecture environment to direct student engagement in a consultative mode.
- An ancillary purpose of this award is to support and raise the visibility of the College of Engineering’s Engineering Beyond Boundaries educational transformation activities.

College of Engineering
Office of the Dean  2610 Engineering Hall  1415 Engineering Drive  Madison, WI 53706
ELIGIBILITY

Nominees for this award must be faculty or instructional academic staff members who are employed by the university at least half time, who are teaching on campus during the current academic year, and who have been actively using technology, especially the Internet, with engineering or pre-engineering students in an instructional activity.

NOMINATIONS AND NOMINATION PACKAGE

Anyone may nominate candidates; self-nominations are also accepted. Competitive nominees will have used technology to develop and offer successful learning experiences for campus-based students. Examples include development of electronic and web-based learning materials, innovative instructional methodologies, and new kinds of learning environments. Supporting materials must include:

1. A letter of support from a department chair or an associate dean that specifically addresses the award criteria, and any other distinguishing characteristics of the nominee's work.
2. A narrative (four pages maximum) authored by the nominee that addresses:
   a. What were the instructional goals, including learning outcomes, that you sought to address through the use of technology?
   b. How did you integrate pedagogy and technology?
   c. In what ways were your uses or adaptation of contemporary technology novel?
   d. What was the impact or outcomes on student learning? What did you assess and how?
   e. Did your use of technology reduce the cost/student or allow you to reach more students at the same cost? If so, explain how and provide quantitative estimates of the impact.
   f. Describe any contributions to the College of Engineering goals of enhancing teaching and learning through the use of technology.
3. A detailed description of the instructional applications, the technologies used, the course(s) involved, and any other information relevant to the award criteria. Describe how others could or would use your material or adopt your approach for other courses.
4. Two letters from former students whose learning was directly impacted by the innovative application. Student support letters should specifically address how their learning benefitted from the technology-enhanced experience.
5. Up to two additional letters may be submitted by other users or beneficiaries of the application. These support letters should demonstrate direct knowledge of the nominee's qualifications for the award and should address the award criteria.
6. A copy of the nominee's current curriculum vitae.
7. Optional: The nomination materials may include website referrals or selected printouts of web-based materials that illustrate the innovative use of technology and its impact on student learning.
DUE DATE

Nomination materials should be submitted electronically by 4:00 p.m. on Friday, February 13, 2015, to Peggy Conklin, pconklin@engr.wisc.edu.

As in the past, selection committee membership will consist of three faculty including, whenever possible, at least one recipient from the previous year.

PREVIOUS RECIPIENTS

2014  Barry Van Veen, Electrical and Computer Engineering
2013  Michael Morrow, Electrical and Computer Engineering
       Regina Murphy, Chemical and Biological Engineering
2012  Dan Negrut, Mechanical Engineering
2011  Hussain Bahia, Civil and Environmental Engineering
2010  James Rawlings, Chemical and Biological Engineering
2009  Paul Voyles, Materials Science and Engineering
2008  James (Jake) Blanchard, Engineering Physics
2007  Larry Bank, Civil and Environmental Engineering
2006  Erick Oberstar, Mechanical Engineering
2005  Gregory Moses, Engineering Physics