

December 9, 2005

## **MEMORANDUM**

**TO:** Department chairs in the College of Engineering, Biological Systems Engineering, Chemistry, Computer Sciences, Geology & Geophysics, Mathematics, Physics, and Statistics  
Dean's office in L&S and CALS  
Faculty and staff in the College of Engineering

**FROM:** (original signed by)  
Paul S. Peercy, Dean, College of Engineering

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

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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 teaching and learning practices using technology.

The award recipient will be selected by a committee appointed by the Dean of the College of Engineering.

The winner of the Harvey Spangler Award for Technology Enhanced Instruction will receive a plaque and a cash award of \$5,000. This award will be presented at the UW-Madison College of Engineering Faculty and Staff Appreciation Day Ceremony scheduled for May 2, 2006. The recipient will also be recognized at the annual Engineer's Day Banquet on October 13, 2006.

### **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

### **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 (4 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. In what way was your integration of pedagogy and technology innovative?
  - c. What was the impact or outcomes on student learning? What did you assess and how?
  - d. 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 provided quantitative estimates of the impact.
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 benefited 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 current 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**

One original and five copies of the supporting materials should be assimilated by the nominator into a package along with the nomination materials and delivered by 4:30 p.m., **Friday, February 10, 2006**, to the Dean of the College of Engineering, c/o Diane Randall, Room 2610 Engineering Hall (265-4048; email [drandall@enr.wisc.edu](mailto:drandall@enr.wisc.edu))

## **2006 SELECTION COMMITTEE**

Wayne Pferdehirt, Engineering Professional Development (Chair)  
Gregory Moses, Engineering Physics  
James Rawlings, Chemical and Biological Engineering

## **FORMER RECIPIENTS**

Gregory Moses, Engineering Physics