

Anne Jamison
English
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SUMMARY OF PROJECT:

I am applying for a Teaching Grant in the amount of _____ to support my initial efforts to launch a Student Webpage Showcase Project. Offering students the opportunity to build and publish websites as part of English department curriculum will allow us to take more complete advantage of the pedagogical potential of web-based learning, offer an important learning-tool to our students, and enable the Department to stay current and competitive with offerings in peer departments. The project is modeled on the Eighteenth Century England site at the University of Michigan (<http://www.umich.edu/~ece/index.html>).

Christine Jones
Languages & Literature
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SUMMARY OF PROJECT:

In Spring 2006, I will teach a research course on the history of performance in France. If this work is funded through a Teaching Grant, I would like the class to build an online research database of authentic documents. The rare book collections at the J. Willard Marriott Library contain important French and British documents that have not yet been annotated and digitized for public use. Part of this grant proposal is a request for funds to digitize these resources, which would then serve as the core materials for our online theater and performance history archive. Gathered together in a central place, this information would offer the public a rare vision of theater history. Scanned text further offers the benefit of being searchable. Finally, the class will provide English-language narrative descriptions for the French materials we gather on the site, permitting more visitors to enjoy these books.

Meredith Metzger
Mechanical Engineering
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SUMMARY OF PROJECT:

The proposed Teaching Grant will help support the development and evaluation of a new pedagogical approach toward enhancing teaching effectiveness in the undergraduate Mechanical Engineering program at the University of Utah. The new pedagogy will be implemented in Fluids Mechanics, a required undergraduate course that services approximately 110 students per year. Specifically, the new pedagogy involves the use of live, in-lecture demonstrations to facilitate students' learning of difficult engineering concepts, generate excitement about the subject material, and aid in visualizing the complex and beautiful world of fluid flow. Now courses in Mechanical Engineering currently utilize in-lecture demonstration to enhance learning. A University Teaching Assistantship (UTA), through the Graduate School, has already been awarded to support a graduate student to design and build the actual modules for the in-lecture demonstrations. A Teaching Grant will complement the UTA by providing the necessary funds to purchase materials and supplies needed to construct the demonstrations modules.

William Provancher
Mechanical Engineering
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SUMMARY OF PROJECT:

In the age of ubiquitous computing, today's engineering students will need to understand more than what they've learned in traditional coursework. Engineers must cross their disciplinary boundaries to succeed in the modern workforce. I am developing a new course that will help make this possible.

I am applying for a Teaching Grant in the amount of _____ to support the development of a new course in advanced mechatronics. More specifically, the grant will be used to prototype one of the course's lab workstations and permit the addition of wireless communications to the curriculum. Grant funds will aid in the selection of lab equipment and facilitate the development of course lab exercises and closely coordinated lecture material.

This course will teach skills that are critical to bridging the mechanical and electrical domains and is expected to draw students throughout the School of Engineering. This course will be taught at the 5000/6000 level starting spring 2007.