Academic Resources and **Computing** Committee

Proposal for Funding

Due Thursday, April 1, 2004 (4:30 p.m.)

Project Title: Mobile Multimedia Cart for Psychology

Project Director: Lauren Fowler

Department(s):   Psychology

College(s):   Social and Behavioral Sciences

E-Mail: lfowler@weber.edu   **Extension:**   x7620

Other Members of the Project Team:

Instructions:

1. Please complete each section in the space provided. The justification section should not exceed two single-spaced typed pages. (An addendum may be attached describing details of specific hardware and/or software that are requested with this proposal.)
2. You are required to obtain the signature of an ARCC representative for your college, indicating that she/he is familiar with the proposal, and can speak to it during funding deliberations.
3. Your department chair's signature is also required, indicating that she/he supports the proposal, and that the proposal is in keeping with departmental goals related to information technology and its applications to the academic mission of the institution. Your Chair's signature also indicates her/his commitment to help support the project financially if so indicated on the budget page.
4. Your dean's signature is also required, indicating that she/he has read and supports the project. Your dean's signature also indicates her/his commitment to help support the project financially if so indicated on the budget page.
5. Your college's computer committee must rank the proposal, and the committee chair's signature is required.
6. For certain projects an IT expert's signature is required. You must contact the appropriate individual if you are implementing a wireless network, multimedia classroom, software/hardware purchase that will require use of a campus server or work with online course software like WebCT Vista or ChiTester. You must give time before the deadline - the recommendation is 3 weeks - for that person to do an evaluation.
7. Submit one copy of the proposal, together with all relevant signatures, by 4:30 p.m., Thursday, April 1, 2004. NOTE: the ARCC no longer requires seventeen copies.
8. You must both email a soft copy and mail a hard copy of the proposal to the chair, David Ferro, MC 2401.

ARCC Representative:

   I have read the proposal and discussed it with the Project Director.

   _____
   ARCC Representative

Comments:

Department Chair:

   The Department has reviewed this project within the context of overall information technology planning within the Department. If the budget page indicates financial support from the Department, I agree to commit those funds to this project.

   _____
   Department Chair

Comments:

College Dean:

   I have reviewed this project. If the budget page indicates financial support from the College, I agree to commit those funds to this project.

   _____
   College Dean

Comments:

College Computer Committee Chair:

   This proposed project has been reviewed and discussed by our college's computer committee. It is the consensus of the committee that this proposed project is consistent with information technology goals within the college. Furthermore, after ranking all of the proposals submitted by our college, we rank this proposal in priority as

_____ out of a total of _____ proposals submitted this year.*

*Note: Each proposal must be given a separate ranking; no two proposals may receive the same rank.

   _____
   College Computer Committee Chair

Comments:

IT Representative:

For certain projects an IT expert's signature is required. You must contact the appropriate individual if you are implementing a

WIRELESS NETWORK (**contact Brook Chase at bhchase@weber.edu or x7192),**

MULTIMEDIA CLASSROOM (**contact Bob King at rking@weber.edu or x6865),**

CERTAIN SOFTWARE/HARDWARE purchases that will require use of a campus server or work with online course software like WebCT Vista or ChiTester (**contact Ted McGrath at tmcgrath@weber.edu or x7196**).

I have read the proposal and discussed it with the Project Director.

_____

IT Representative (printed and signed)

Comments (including status):

Justification

Your proposed project should be described as clearly and succinctly as possible in the spaces provided below. Be sure to review the "Criteria for Funding" document. *The entire justification section should not exceed two single-spaced pages.*

Abstract (project summary):

A majority of professors in the Psychology department use computer technology in the classroom for a variety of reasons. One common reason is the use of PowerPoint as a lecture aid and presentation medium. It provides a clear outline of the material being presented, and the way in which the material is presented is more engaging to students (and easier to see and read) than other, more traditional mediums. For this reason, no fewer than 6 professors use computers for most, if not all, of their classes. In addition, computers offer the opportunity to demonstrate web-based learning techniques in the classroom, including literature searches in upper division courses, research opportunities on the internet, SPSS analysis in the classroom (for statistics, research methods, and tests and measures classes), and the use of programs such as chi tester in the classroom to develop research materials online. Many professors are also using Web-CT to enhance their classes, so internet access is essential for these classes. Because of the seemingly limitless uses for computers in the classroom, most of our faculty would prefer to use them, if possible, to compliment their teaching. A number of faculty depend on them for normal classroom functioning. As the technology intelligence quotient of our faculty increases, the demand for computers in the classroom will continue to increase as well. **For these reasons, the Department of Psychology would like to request that a computer, LCD projector, and wireless access card be purchased so that faculty may use a wireless, mobile multimedia cart for their teaching**. While a dedicated multimedia classroom would be preferred for many reasons, the mobile cart is a fraction of the cost and will allow more professors to utilize the equipment in a variety of classrooms. Our department has already purchased a multimedia cart in the past, and it has been very effective for teaching.

Objectives and goals of this project:

This equipment will be used to enhance the teaching and learning environment of seven of our classrooms on the third floor in the Social Sciences Building. This would possibly impact every course taught through Psychology, since every professor would have access to the use of the cart, and every class could possibly benefit from its use.

Identify specific courses and/or programs that will directly benefit from this project:

(You may also want to describe how specific courses may be enhanced by this project.)

Every course taught in Psychology could benefit from this cart, since it could be used to teach in any of our classrooms by any professor. The ways in which this cart *could* be used are as follows:

PowerPoint Lectures, Online Searches, Explaining Chi Tester, Demonstrating Library Resources, Using Web-CT for enhanced classes, Online and Interactive Dissections, Online experiments for research methods, SPSS analysis, classroom demonstrations, Online Visual and Auditory Presentations for Experimentation, showing DVDs in the classroom

If applicable, describe how this project will help to increase faculty productivity or enhance competency in some area of information technology.

(Please note that ARCC does not support faculty desktop or laptop computers.)

By making information technology more available to professors, it will encourage the use of this equipment for teaching, as well as demonstrations and student presentations. Current textbook supplements include DVDs and interactive demonstrations for teachers to use, so this equipment will also allow professors to make better use of their learning tools.

Describe how the success of this project will be evaluated.

(If reports or publications are anticipated from this project, please indicate such.)

This project is virtually ensured success, because students will be exposed to more innovative teaching and learning environments. Student evaluations can be used to assess the effectiveness of this technology for learning.

Timeline:

(If funded, when will this project be implemented?)

If possible, we would like to have the equipment purchased during the summer of 2004 and ready for use beginning Fall Semester, 2004.

Budget

Note: Please be as specific as possible regarding requested hardware, software, or other resources (you may include an addendum to describe the hardware). If funds are being committed from other resources, please so indicate.

Hardware:	ARCC (Requested)	Department (Committed)	College (Committed)	Other (Committed)
Dell Inspiron D600 with CD and DVD player	$1132.00			
Panasonic PT-L72OU XGA LCD Projector	$1571.00			
494355 Proxim B/G (with card)	$200.00		$200.00	
10/100 Ethernet line (if needed)		$100.00		
Power (if needed)		$120.00		
Hardware Subtotals:	$2903.00	$220.00	$200.00	

Other:	ARCC (Requested)	Department (Committed)	College (Committed)	Other (Committed)
Mobile Cart for Equipment		Provided by Dept.		
Extended Warranty			$200.00	
Other Subtotals:			$200.00	
Grand Totals:	$2903.00	$220.00	$400.00	

TOTAL FOR PROJECT: _$3523.00_____ (Sum of all columns)

Additional Resources

Please describe what other resources will be required to implement this project:

(Additional resources may include needs such as Academic Computing technical support or hardware installation through Electronic Services.)

Wireless Network help will be needed to implement this proposal. Brooke Chase has helped with suggestions for equipment and the budget, and we hope to utilize his expertise to get our project up and running.