

UNC TLT Collaborative Spring 2001 Campus Funding Allocations

1. Campus: UNC Wilmington

2. Campus office that is to receive the funding allocation:

Information Technology Systems Division--contact Patty Thompson, Budget Officer.

Email: thompsonpl@uncwil.edu Telephone: 910-962-7943

3. Accounting information: Please note that amount is for TLT Collaborative Project. Patty is aware of anticipated funding and prepared to code appropriately.

4. Project Category or Categories:

TLT Wireless/handheld computing

Other Campuses receiving allocations in this category:

ECU, NCAT, NCCU, NCSU, UNC-C, UNC-W, WCU, WSSU

5. Project Description:

Handheld computers in a wireless environment can be used to facilitate student learning, provide feedback to instructor(s) about students' understanding of material, and gather assessment data during instruction. The purposes of this project are to (a) construct web documents (to be posted to the UNC TLT Portal) for managing information about use of handhelds in university courses and (b) to provide selected models of handheld computers to test the range of educational uses of handhelds in wireless university teaching environment.

This project would allocate \$5000 to provide at least 10 handheld units with capacity to interact in a wireless environment using standard CE applications such as MS Office CE, \$2000 to provide handheld software for monitoring student interactions in an academic environment, and \$1500 for construction of the web pages by faculty using handhelds in university teaching environments. Evaluation of this project will be conducted through review of the web pages constructed for the UNC TLT Collaborative Portal. Those web pages will provide research reports, teaching suggestions and sample lessons, links to existing projects using handheld wireless technologies, and methodologies for comparative evaluation of the use of hardware and software components to meet specific pedagogical objectives. UNCW's Information Technology Systems Division will provide in-kind support by constructing a wireless environment in a selected classroom to support the implementation of the project.

6. Collaboration with other UNC Campuses:

The web pages on the UNC TLT Collaborative Portal will provide resources for faculty system-wide and will include and request links to projects throughout the system. In

addition, the pedagogical pages will encourage collaborative work to further investigate and report on the use of handhelds in university teaching environments. By providing links to faculty using handhelds, opportunity to share and discuss ideas for using handhelds, and methodologies for evaluating the success of the use of handhelds, the pages will facilitate opportunities for system-wide collaboration.

7. Deliverables in addition to those specified for all 2001 UNC TLT funding allocations:

All project deliverables fit well with this project. Our web pages will likely be more detailed than the ones required.