

UNC TLT Collaborative Spring 2001 Campus Funding Allocations

1. Campus: Winston-Salem State University

2. Campus office that is to receive the funding allocation: Information Technology Systems (ITS)

3. Accounting information: Account 225104

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:

Media Integration Project: Innovative Integration of Technology into Business and Health Science Curricula

New forms of media are being developed daily. The difficulty is in determining when, where, and how to use these new media. This decision process becomes even more difficult when the media is used in instructional learning environments. In our effort to enhance the decision making process for the infusion of technology into the curriculum, the Center for Innovative Teaching, Technology, Learning and Evaluation (CITTLE) staff developed the Media Integration Project. This project is designed to serve two purposes, i. e. help the CITTLE staff develop a strategy for testing new media for instructional use and to help faculty develop instructional strategies that use new technology to enhance learning. All students and faculty have been given a Compaq pocket PC, with expandable kits and wireless cards. Wireless connections were set-up near the appropriate classrooms.

The CITTLE staff are working with faculty and ITS support staff to develop training programs for students and faculty, procedures for distribution and return, support model, and instructional applications. Second, faculty who teach distance education courses in Community Health Nursing and Business, Human Resources have designed instructional activities that require students in their classes to use the iPAQ in a wireless classroom environment and for activities out side of class. Students in the Human Resources classes use the iPAQs to access and manipulate databases, gather information on breaking news items that may impact employment, etc. The students in the three Community Health Nursing classes use the iPAQs to access available health care information of home bound patients to improve the quality and delivery of health care, e.g. clients medial history, medications, health risk appraisals on clients with verification form faculty members, nursing journals, etc. The funds

from the TLT Collaborative grant will enable the project director to purchase keyboards for the iPAQs that can be used by the students and faculty.

Project Goals :

- a. To develop model for integration of media into instruction
- b. To enhance teaching and student learning via instructional strategies using the Compaq iPAQ handheld computer or personal digital assistant.

6. Collaboration with other UNC Campuses:

Surveys of student and faculty satisfaction will be conducted. All procedures, processes, and aggregate survey data will be provided to UNC campuses that make request. We would like to identify faculty in other UNC institutions who are involved in similar projects to determine if they would share their instructional activities with our faculty and vice versa.

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