

15:10:12

OCA PAD INITIATION - PROJECT HEADER INFORMATION

12/03/93

Active

Project #: C-36-X23 Cost share #: Rev #: 0
Center # : 10/24-6-Q6097-0A0 Center shr #: OCA file #:
Contract#: GCATT94.06.G Mod #: Work type : RES
Prime # : GCATT94.06.G Document : SUBCONT
Contract entity: GIT

Subprojects ? : N CFDA: N/A
Main project #: PE #: N/A

Project unit: COMPUTING Unit code: 02.010.300
Project director(s):
KAPPEL K W COMPUTING (404)853-9383

Sponsor/division names: UNIVERSITY OF GEORGIA / ATHENS, GA
Sponsor/division codes: 400 / 009

Award period: 930701 to 940630 (performance) 940630 (reports)

Sponsor amount	New this change	Total to date
Contract value	9,000.00	9,000.00
Funded	9,000.00	9,000.00
Cost sharing amount		0.00

Does subcontracting plan apply?: N

Title: GCATT SEED GRANT

PROJECT ADMINISTRATION DATA

OCA contact: Ina R. Lashley 894-4820

Sponsor technical contact Sponsor issuing office

(000)000-0000

RITA RICHARDSON
(706)542-5928

UNIVERSITY OF GEORGIA
OFFICE OF THE V.P. FOR RESEARCH
BOYD GRADUATE STUDIES RES. CENTER
ATHENS, GA 30602

Security class (U,C,S,TS) : U ONR resident rep. is ACO (Y/N): N
Defense priority rating : N/A N/A supplemental sheet
Equipment title vests with: Sponsor GIT
NONE PROPOSED.

Administrative comments -

INITIATION OF ONE-YEAR GCATT GRANT. (NOTE: THIS PROGRAM IS ADMINISTERED UNDER "GIT" RATHER THAN GTRC.)

58428
GEORGIA INSTITUTE OF TECHNOLOGY
OFFICE OF CONTRACT ADMINISTRATION

NOTICE OF PROJECT CLOSEOUT

Closeout Notice Date 12/15/94

Project No. C-36-X23 _____ Center No. 10/24-6-Q6097-0A0_

Project Director KAPPEL K W _____ School/Lab COMPUTING _____

Sponsor UNIVERSITY OF GEORGIA/ATHENS, GA _____

Contract/Grant No. GCATT94.06.G _____ Contract Entity GIT_

Prime Contract No. GCATT94.06.G _____

Title GCATT SEED GRANT _____

Effective Completion Date 940630 (Performance) 940630 (Reports)

Closeout Actions Required:	Y/N	Date Submitted
Final Invoice or Copy of Final Invoice	N	_____
Final Report of Inventions and/or Subcontracts	N	_____
Government Property Inventory & Related Certificate	N	_____
Classified Material Certificate	N	_____
Release and Assignment	N	_____
Other _____	N	_____
Comments _____		

Subproject Under Main Project No. _____

Continues Project No. _____

Distribution Required:

Project Director	Y
Administrative Network Representative	Y
GTRI Accounting/Grants and Contracts	Y
Procurement/Supply Services	Y
Research Property Management	Y
Research Security Services	N
Reports Coordinator (OCA)	Y
GTRC	Y
Project File	Y
Other _____	N
_____	N

The "Windows on the Classroom" project will use two-way interactive video distance learning telecommunications technology, to research new models for teacher preparation and professional development classes. These classes will accomplish the following: Add diverse and authentic instructional activities for introductory education classes to explore. Increase the contact between faculty at all participating sites. Facilitate the fulfilling of the State requirements for periodic teacher re-certification. Acquaint teachers with distance learning technology to establish distance learning connections to public schools. The research findings will be use by the University System to restructure the teacher preparation program. The findings and models will be distributed to Georgia teacher preparation programs. The technology requirements for classroom video recording will provide companies, such as NEC, product specifications for the education market. The results of the evaluation will provide Southern Bell with K-12 marketing information for distance learning in the Southeast.

State Investment: \$118,000

**THE GEORGIA RESEARCH ALLIANCE
Collaborative Research Program
Annual Progress Report: 1994**

Principal Investigator Michael E. Hale, Ph.D.

Institution The University of
Georgia

Center LPSL/GCATT

Project Number GCATT94.06.G and E **Funding Year** 94

Project Title Windows on the Classroom

Budget Amount \$18,000 and \$100,000

A. Project Identification

GRA Project Number: GCATT94.06

Funding Year: 94

Project Title: Windows on the Classroom

Project Director (Principal Investigator): Michael E. Hale, Ph.D.

Institution: The University of Georgia

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E-Mail: mhale@moe.coe.uga.edu

Project Collaborator (Co-Investigator): Kim Kappel, Ph.D.

Institution: Georgia Institute of Technology

Address: College of Computing, Atlanta, GA 30332-0280

Phone#: 404 853 9383

E-Mail: kappel@cc.gatech.edu

B. Project Summary

Objective: The "Windows on the Classroom" project is to research new models for teacher preparation and professional development classes using distance learning. These are the instructional goals this project will address with different modes of distance education:

Add diverse and authentic instructional activities for introductory education classes to explore.

Increase the contact between faculty at all participating sites.

Facilitate the fulfilling of the State requirements for periodic teacher recertification.

Acquaint teachers with distance learning technology.

Progress: The "Windows on the Classroom" project was to use the Georgia ClassConnect, a Southern Bell and NEC two-way interactive video distance learning trial, to research new models for teacher preparation and professional development classes. The DOAS has absorbed the "ClassConnect" trial into the new Georgia Statewide Academic and Medical System (GSAMS). Due to the time delay between the proposal and the late award of some portions of the GRA/GCATT funds for 1993-94, NEC was no longer interested in participating with the "Windows on the Classroom" (WOC) project. This was due to DOAS selecting another sole vendor for the GSAMS.

Because of the withdrawal of NEC, the WOC project has focused on other

delivery systems to carryout the project goals. Desktop to desktop video and the Internet were selected to compare to the GSAMS. The project goals remain unchanged; what has been achieved will be described in the Results section that follows.

College faculty working intensely with student teachers at remote sites were needed to test the feasibility of these distance learning systems. A collaborative working relationship was developed with the University of Georgia Alternative Teacher Education (ATE) program funded by the University of Georgia Education Initiative. The University of Georgia Education Initiative is a five year co-reform project funded by a Coca-Cola Foundation grant. Now in its fourth year, the Initiative has established partnerships with three elementary schools and a high school committed to educational reform. ATE is a significant departure from traditional teacher preparation at UGA with students engaged in continuous field work at partnership schools.

In addition to the Coca Cola funds, the Professional Practices Commission has funded the purchase of 8 multimedia workstation (\$40,000) for the participating schools.

Collaboration: The collaboration provided by Dr. Kim Kappel from Georgia Tech has been valuable. Dr. Kappel has provided leadership with the development of materials for Internet. Also her continued contact with the participating schools in the "ClassConnect" has been most helpful.

Results: The following tasks have been accomplished:

1. The equipment and software were ordered.
2. Video materials were produced for transmission to distance learning sites about science fairs.
3. The project set up a WWW and two Mosaic Materials production workstations at GA Tech and UGA.
4. As the equipment and software arrived during the Spring, the PI's installed and tested software..
5. During the Winter and Spring 1994 groups of teachers at Benton Elementary School and South Jackson Elementary School were trained on Macintosh basics and Microsoft Works by UGA personnel. A total of 59 teachers received this training. At Chase Street School, a majority of the faculty attended a six week staff development course covering a variety of Macintosh software. The groups at Benton Elementary School and South Jackson Elementary School were invited to bring their own work related to their needs in their classroom. One outcome report by a principal at one of the schools is an increase in written communication (memos) originating

from teachers.

6. This preliminary training was to lay a foundation for use of the distance learning workstations. Initial plans for the training have been developed and the training is scheduled from 8:00 am to 12:00 noon on June 20 - 24 and July 11 - 15. Between the two weeks the teachers and students will carry the computers home and after the training they will keep the computers till the beginning of school. Nine teachers and three students have been selected for the summer training.
7. Information about the GCATT and PSC work was presented at two sessions at the Georgia Educational Technology Conference on April 22, 1994. Approximately 50 conference participants attended the sessions. They receive a briefing about the PSC and GCATT grants at the participating schools.

C. Numerical Measures

D. Financial Disclosures

Awarded; \$18,000 Seed Grant and \$100,000 Equipment

Dr. Kappel used the GA Tech equipment money to setup a WWW server and a Mosaic development station for K-12 information to support distance learning through the Internet.

The \$9000 Georgia Tech sub contract was used to cover part of Dr. Kappel time spent on preparing materials and coordinating GA Tech involvement with this distance learning project.

UGA \$50,000 equipment	Expenditures
ShareView Plus System from	4 \$16,000
ShareVision	
Macintosh 840 AV workstations	4 \$18,685
Sharp QA1150 Projection Panel	3 \$12,828
Sun 2 GigaByte Drive	1 \$1661
TOTALS	\$49,174

The UGA \$9000 seed grant was used to purchase additional hardware for the 8 PSC multimedia workstations. Coca Cola funds will be used to support UGA personnel to conduct the study next fiscal year.

E. Industry Participation

N/A

F. Other

N/A

G. Attachments

Signature: *Michael E. Hale*

Date: 6/10/94