CIT CENTER FOR INSTRUCTIONAL TECHNOLOGY
Leadership in Teaching with Technology

Spring 2008 Strategic Initiative Grant Awards

Overview:

In Spring 2008, CIT offered a grant program to support faculty developing instructional technology projects which fit with Duke or their school's strategic goals. The program application requested that faculty tie their ideas to one or more of Duke strategic goals, but otherwise was left fairly open-ended in order to encourage a wide variety of proposals. Proposals for projects involving more than one faculty member or department, or those affecting larger numbers of students, were to be weighted more highly than those without these characteristics (see **program information**).

Through this program we funded 5 grants, and routed one proposal for funding to our "Jump Start Grant" program. The 5 Strategic Initiative Grants will focus on:

- Creating multimedia modules useful to students doing research abroad, especially with human subjects, to be used by various Duke programs (Social Science Research Institute and Office of Research Support)
- Testing mobile devices to allow Nursing informatics students to work collaboratively from anywhere (Nursing)
- Using smart phones to document and create materials for service projects in Vietnam teaching ESL (Education)
- Prototyping a virtual writing studio environment where writers can collaborate and improve their writing (University Writing Program)
- Developing a new course integrating digital media with the traditional silkscreen process (Art, Art History and Visual Studies).

Total project funding $38,790 this fiscal year, with $3,000 potential travel and dissemination funding in 2008-09.

Grant process and applications:
CIT requested an initial basic application, of which we received ten. CIT's consultants met or talked with the applicants in order to determine whether to request a more detailed full application, route the application to another CIT funding option, or decline the application. After the initial applications, CIT requested and received 6 of 10 full applications, routed 1 application to the Jump Start mini grant program, and continued to work with the other 3 applicants (2 of these 3 were later withdrawn or postponed, one is still in development as of this writing).

The CIT and the grant review committee (CIT Advisory Board) approved 5 of the full applications, and one was withdrawn.

Applications	Phase 1				Phase 2		
	Total initial apps rec'd	CIT request full app.	CIT offered support via other means	Proposal w/drawn or postponed	Proposal w/drawn after submitting Part 2	CIT funded	Active proj.
Arts & Sciences	5	3	1 (Jump Start Grant)	1	0	3	3
Medicine	2	0	0	2	0	0	0
Nursing	1	1	0	0	0	1	1
SSRI/ORS	1	1	0	0	0	1	1

Academic Resource Center	1	1	0	0	1	0	0
Total	10	6	1	3	1	5	5

Brief synopses of active strategic initiative grant projects

Alexandra Cooper, SSRI and Lorna Hicks, Office of Research Support
The Ethics of Research with Human Subjects: Development of Pedagogical Multimedia Modules
Cooper and Hicks plan to create multimedia modules to teach students about ethical issues involved with doing research with human subjects. The content will be developed in stages and will include role plays of various scenarios to help students think through how they would respond if the situation confronted them. The materials will be particularly relevant to students conducting DukeEngage projects, or other research service learning projects.
Funding: $19,860 + $1,000 potential future funding for travel and dissemination of project results.

Linda Goodwin, Nursing
Mobile technologies for building evidence and knowledge in health care information systems' contributions to patient care
Goodwin teaches distance courses in which students are full-time working nurses and parents; students' time for working on course work is significantly constrained. As one aspect of her project, Goodwin proposes to test full-functioned mobile devices to determine which will best allow her students to work from anywhere, anytime. A second aspect of the project involves locating best online tools to allow collaborative development by students of annotated bibliographies of nursing informatices studies.
Funding: $7,500 + $500 potential future funding for travel and dissemination of project results.

Lucy Haagen, Education, Arts & Sciences
Cell Phones for Service Learning
Haagen will test two models of smart phones to allow students in her DukeEngage in Vietnam Summer 2008 program to document their work and to create multimedia and textual learning materials to allow the students' pupils (high school and college students in Vietnam) to continue learning English as a Second Language after the Duke students return to the US. The Duke students will use the phones to record audio, video, take photos and capture text comments, which will be uploaded and stored on a blog or other website accessible to the Vietnamese pupils.
Funding: $5,630 + $500 potential future funding for travel and dissemination of project results.

Vicki Russell, University Writing Program, Arts & Sciences
Creating a Virtual Environment for Writing
Russell will explore several virtual worlds tools (Second Life, ProtoSphere and Croquet) as potential locations for a future "Virtual Writing Studio." During this project, functional requirements for such a virtual studio will be developed, and a paper prototype will be created for possible later development. Student feedback on the proposal Virtual Studio will be sought to guide development.
Funding: $4,000 + $500 potential future funding for travel and dissemination of project results.

Merrill Shatzmann, Art, Art History and Visual Studies
Personal Geographics: Mapping Self Identity
Shatzmann will engage a student assistant to help develop methodologies to use in a new course which will merge digital graphics with traditional silk screen processes.
Funding: $1,800 P+ $500 potential future funding for travel and dissemination of project results.

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