

Student Computing Fee Report

FY 2005

Information Technology Services
November 15, 2005

Table of Contents

Introduction.....	1
SCF expenditures by Category, FY2005	2
College of Liberal Arts and Sciences	3
College of Business	9
College of Dentistry	10
College of Education	11
College of Engineering	15
College of Law	17
College of Medicine	19
College of Nursing	20
College of Pharmacy	21
College of Public Health.....	22
Graduate College.....	24
Innovations in Instructional Computing Awards	26
ITS-Academic Technologies	28
ITS Campus Services ITC Support.....	30
ITS Telecommunications and Network Services.....	32
University Libraries.....	33

Introduction

This report summarizes how the Student Computing Fee (SCF) funds were allocated and spent in FY 2005. The process for allocation funds has an integral reporting component.

In the spreadsheet below, the column labeled “Net College Allocation” shows what funds were distributed directly to the colleges. It is these funds on which the colleges report in the following pages. The second table below reports allocations to various central providers, whose reports appear towards the end of this document. The table on page 3 summarizes the expenditures reported by the colleges and central providers, by category of expenditure. Any questions concerning this report or the process by which funds were allocated should be directed to Steve Fleagle (telephone 384-0750, e-mail steve-fleagle@uiowa.edu) or Mark Hale (335-5825, mark-hale@uiowa.edu.)

Student Computer Fee Allocations to Colleges, FY 2005

College	Fees for FY05 (actual)	Contributions to campus Infrastructure and ITCs	Net college allocation FY05	Net college Allocation FY04
CLAS	3,266,514	2,034,214	1,232,300	1,124,700
Business	733,155	125,355	607,800	580,200
Dentistry	67,774	39,174	28,600	26,100
Education	171,848	29,948	141,900	129,500
Engineering	595,417	90,117	505,300	495,000
Law	260,530	15,530	245,000	230,000
Medicine	184,830	139,430	45,400	41,400
Nursing	120,961	95,361	25,600	23,400
Pharmacy	99,112	52,112	47,000	42,900
Public Health	21,814	-8,186	30,000	12,400
Graduate Coll	39,952	21,552	18,400	16,800
Totals	5,561,907	2,634,607	2,927,300	2,722,400

SCF allocations to central projects and services, FY 2005

	FY 2005	FY 2004
Instructional Innovation Projects	104,750	95,666
ITS - AT Academic Support	89,000	70,000
nTITLE stipends (final sessions, Summer 2004)	72,000	
ITS-CS Student Support	1,074,000	1,221,000
ITS-TNS support for remote access and wireless	240,000	240,000
Library	75,000	75,000
General Assignment Classrooms	200,000	
Microsoft, Apple, Red Hat agreements	406,841	385,415
Miscellaneous licenses (Turn-It-In)	14,745	15,900
Course Management Systems (Blackboard and WebCT)/eLearning	329,155	218,324
ITS – Other	64,500	90,888
Year-to-year Reserve	(35,384)	37,846
Total central allocations	2,634,607	2,450,039
Total allocations (College plus central)	5,561,907	5,172,439

SCF expenditures by Category, FY2005

Unit or project	Salaries and wages	Licenses and subscriptions	Hardware	All other	Totals
CLAS	531,693	132,990	384,949	314,690	1,364,322
Business	367,150	40,763	129,944	69,943	607,800
Dentistry		1,454	22,861	3,083	27,398
Education	3,600	4,062	128,045	6,191	141,900
Engineering		105,704	362,290	46,002	513,996
Law	102,890	120,628	18,899	2,583	245,000
Medicine		1,000	44,400		45,400
Nursing			22,615	2,985	25,600
Pharmacy	33,180	2,625	18,530	15,123	67,458
Public Health	9,072	9,306		5,154	23,532
Graduate			17,265	1,135	18,400
Innov Projects	63,850	11,750	28,950	200	104,750
ITS – AT including nTITLE final sessions	161,000	14,745			175,745
ITS - CS	674,000	80,000	72,125	247,875	1,074,000
ITS-TNS				304,500	304,500
Libraries			75,000		75,000
Microsoft, Apple, Redhat site lic.		406,841			406,841
CMS / eLearning		129,875	122,734	76,546	329,155
General Assignment Classrooms	53,000	4,500	67,080	79,322	203,902
Total funds reported	1,999,435	1,066,243	1,515,687	1,175,332	5,756,697
Percentages of expenditure	35%	19%	26%	20%	

The *All other* category includes maintenance, renovation, operating costs such as paper, and carry-forward funds.

College of Liberal Arts and Sciences

Allocation Bodies

The CLAS Instructional Technologies Committee, a standing committee of the college, holds primary responsibility for the allocation of CLAS Student Computing Fee funds. The charter of the Instructional Technologies Committee specifies eight voting members with diverse student and faculty representation. Non-voting committee members include several representatives of the Dean's Office staff. Further information about the CLAS Instructional Technologies Committee including the FY 2005 committee membership can be found at <http://www.clas.uiowa.edu/faculty/governance/standing/it.shtml>.

The Information Technology Group of the College offers technical support as needed to departments during the project planning and implementation processes, as well as ensuring general budget controls. Primary staff responsible for the oversight of the allocation process include Associate Dean Joe Kearney, Eugene Buck, Assistant to the Associate Dean for Research & Development, and Aletia Morgan, Director of the CLAS Information Technology Group.

Allocation Process

The College of Liberal Arts and Sciences (CLAS) was allocated \$1,232,300 in Student Computing Fee funding for the 2004-2005 academic year. From that allocation, the college identified recurring financial commitments from prior years, and ensured that these obligations were funded first. This included allocations towards the support of several departmental technology support staff positions and salaries for student monitors in departmental ITC labs, and multi-year project awards. These recurring allocations are shown along with other funded projects in the attached chart. Once these prior commitments were finalized, the remainder of the FY05 student computing fee funding was then made available for distribution to meet departmental instructional computing needs. Please note that it is generally the goal of the college to reserve some portion of SCF funding (less than \$100,000) to be available in the event of unanticipated needs.

In fall, 2004 the Instructional Technologies Committee issued a Call for Proposals to all departments in the College. The call was distributed through the College's DEO mailing, and announcements were made at DEO meetings and in the college's Faculty Assembly. Each proposal was reviewed by a sub-committee of three faculty members and one student. Reviewer assignments were made in such a way that each reviewer read proposals of varying size and complexity across multiple curriculum areas. As part of the review process, the Committee solicited comments on each proposal from ITS Academic Technologies and UI Space Planning. These outside representatives reviewed each proposal and provided valuable comments regarding academic value, project feasibility, potential hidden costs, and noting potential connections to other projects or facilities.

The committee met in November, 2004 for a final review of the proposals. Student reviewers had a strong voice in the review process to ensure that final funding decisions were made with recognition of student needs. These funding recommendations were

approved by the Dean, and departments were informed of their final project funding status in December, 2004.

Funded Projects

A chart of projects funded by the College is shown below, and reflects the status of the accounts as of June 30, 2005.

Description of funded personnel, projects and expenditures

Project or Expenditure	Salaries & Wages	Software & Licenses	Hardware (Computer)	Other Equipment Furniture, Wiring, Etc.	Total
1. Lab Monitor Salary Funding - for CLAS Departmental ITC Labs <ul style="list-style-type: none"> - EPB (English) - Field House (Ex. Sci) - Philips (Lang Media Ctr) - Seashore (Sociology) - Schaeffer (Statistics) - Voxman (Music) 	112,426				112,426
2. CSG Funding Support - General financial support for operation of Computer Science, Mathematics, Statistics Computer lab facilities managed by the Division Computer Support Group. Includes funding for Hardware, Software, Supplies		27,300	75,400	27,300	130,000
3. Physics & Astronomy - awarded in FY 03-04, funded in FY 04-05; upgrade 15 labs with computers, equipment & student salaries to monitor labs	3,000	10,500	44,400	7,100	65,000
4. P&S Salary Support - Partial salary support for 17 Professional & Scientific IT Support Staff in the following departments: <ul style="list-style-type: none"> - Biology - Chemistry - Computer Science - Geography - Liberal Arts Administration - Physics & Astronomy - Sociology 	381,290				381,290
5. Anthropology – replace four outdated computers in Biological Anthropology Lab to allow running of current-level 3D modeling programs and new software that will be funded from other departmental resources			7,320		7,320

Project or Expenditure	Salaries & Wages	Software & Licenses	Hardware (Computer)	Other Equipment Furniture, Wiring, Etc.	Total
6. Art & Art History – Fund purchase of computers, printers, software, digital photography equipment, projectors and other equipment to update and/or expand six areas in Art & Art History and add a lab/studio to teach video production and experimental DVD authoring		16,560	25,541	26,899	69,000
7. Biological Sciences – expand the existing computer classroom in B20 BB, by adding 16 computers and furniture; and add one new computer each to classrooms in 102 BSL and 401 BBE; project budget included 23,458 in physical renovation costs			23,382	43,618	67,000
8. Center for the Book - purchase three Macintosh G5 computers, and Adobe Creative Suite software to establish a letterpress printing and design area complementing UICB's existing specialized letterpress teaching facilities		1,200	8,300		9,500
9. Chemistry - replace and upgrade computer hardware & software in the undergraduate and graduate student computer facility in 235 CB		20,795	86,255	2,950	110,000
10. Cinema & Comp Lit - special allocation to fund needed upgrades and replacements of computer and video equipment			10,140		10,140
11. Classics - purchase one Apple PowerBook G4, digital projector, cart, 11 jump drives and software to provide a mobile electronic storage & projection system for use in all classrooms		280	2,538	3,021	5,839
12. Dance – fund the partial cost of converting the existing Dance media library collection from analog video media to digital format, with conversion to be done by the UI Video Center				6,000	6,000
13. Geography - upgrade monitors and software in the Geographic Information Science Instructional Lab in 243 JH		20,300	16,182		36,482
14. Geoscience - upgrade Mac & PC computers in 20 TH, 35 TH & 135 TH; TA salary to set up & support labs	4,132	5,223	31,083	7,562	48,000

Project or Expenditure	Salaries & Wages	Software & Licenses	Hardware (Computer)	Other Equipment Furniture, Wiring, Etc.	Total
15. German & Lang Media Ctr - create a flexible multimedia authoring tool, ObjectMover, that will assist foreign language instructors to create visually stimulating interactions to enhance students' comprehension of web-based texts or video programs; includes cost of TAs, AT staff, and hourly programming staff to support the project	10,000				10,000
16. Health & Sports Studies - purchase & install ceiling projectors, audiovisual equipment & computers for classrooms E220 & E302 FH			2,400	34,400	36,800
17. Journalism & Mass Comm - upgrades to the digital photography & typography facilities in Photojournalism Lab in 312 BCSB (facilities not relocated to Adler Building)		1,836		12,500	14,336
18. Language Media Center – continued funding for the cyclic renewal of core multimedia software & equipment in 651 PH Language Media Center		10,000			10,000
19. Linguistics – Relocate existing Departmental Computer lab from from 210 CC to 402 EPB to allow more ready access to the facility by Linguistics students and faculty				5,000	5,000
20. Math – fund upgrades, repair & general support of the UI Student Supercomputer Project (UISSP) including computers, software and user training		1,000	1,000	2,000	4,000
21. Music - acquire a new computerized keyboard lab for piano programs			1,767	50,318	52,085
22. Music – install instructional technology facilities including hardware and software in two heavily used classrooms (1077 and 1020 VMB)		4,750	5,800	23,330	33,880
23. Music - fund portable digital audio workstation for student instruction and recording activities			5,141	7,074	12,215
24. Philosophy – fund three new Dell computers & network printer for TA work area; activate data ports in TA/grad student offices in EPB which were outfitted with used computers from the Exercise Science ITCLab			2,400	6,700	9,100

Project or Expenditure	Salaries & Wages	Software & Licenses	Hardware (Computer)	Other Equipment Furniture, Wiring, Etc.	Total
25. Physics & Astronomy - update lab to support lab on computer-controlled experiments & acquisition in Electronics courses. Included purchase of two new computers, plus data-acquisition boards for all lab systems to use existing LabView site license			2,049	8,635	10,684
26. Political Science – continuing support for TA Salary to support both technology-based faculty instruction activities and the use of the departmental Collaboratory and ITC labs	20,845			251	21,096
27. Psychology – phased upgrades of computers in undergraduate experimental Psychology lab including 5 PCs, 5 Apples, instructor's station, networked printer, network & software		4,303	17,781	2,350	24,434
28. Rhetoric - add and/or replace equipment in the Speech Library; analog/DV converter, desktop computer, digital camera, laptop & projector		1,750	4,498	7,784	14,032
29. Social Work - support recurring SPSS software license renewal fees for student computer lab and two classroom computers		1,242			1,242
30. Sociology - replace a failed laptop, add two new personal computers, and upgrade Stata software in graduate student computer lab		1,251	4,763	1,099	7,113
31. Sociology – fund new electronic whiteboard & new software to improve instructional tools in the Sociology ITC; project also supported by grant from Smart Technologies		779		1,848	2,627
32. Sociology – enhancements to technology infrastructure supporting the department's Capstone course, including new database & back-up server; support for development of web application for undergraduates		100	1,489	350	1,939
33. Speech Path & Audiology - reconfigure lecture hall in 308 SHC to access Internet-II based video conferencing & lecturing resources, as well as to broadcast lectures & continuing education state-wide; upgrade classroom projection systems and lecterns in multiple classrooms				16,395	16,395

Project or Expenditure	Salaries & Wages	Software & Licenses	Hardware (Computer)	Other Equipment Furniture, Wiring, Etc.	Total
34. Theatre Arts – fund upgraded presentation facilities in the Mabie & David Thayer Theatres for use in undergraduate & graduate courses; included computers, Audio/Video tools including projectors and Dataton Watchout software		3,821	5,320	10,206	19,347
TOTAL EXPENDITURES	531,693	132,990	384,949	314,690	1,364,322
Awarded in FY 04-05					1,232,300
Carryover from FY 03-04 available					154,656
TOTAL AVAILABLE IN FY 04-05					1,386,956
Available to Carry Over to FY 05-06					22,634

College of Business

Allocation bodies

The Tippie College of Business relies heavily on several College organizations for making recommendations regarding Student Computing fees, the Student Leadership Council, the College Executive Committee, and the Elected Faculty Council. Individual faculty are also encouraged to make specific software and hardware requests for use in the classrooms.

The Leadership Council is a committee of approximately 20 students. This group meets weekly during the semester and works closely with the Associate Dean for Undergraduate Programs and the Director of the Stead Technology Services Group (STSG), which is the central IT support unit for the College. The Executive Committee is comprised of department executive officers, deans and directors of College programs, and student representatives from the graduate and undergraduate student body. This group meets monthly throughout the year.

Description of allocation process

The Director of the Stead Technology Services Group (STSG) solicits recommendations from students, faculty, and staff for changes to be made in our computing environment. These recommendations flow through the College organizations mentioned above. These groups make recommendations as to which projects should be funded. These recommendations are forwarded to the dean, who makes the final decision. There is also a portion of the budget that covers operating expenditures from year to year, as well as a reserve fund for future year refresh of equipment.

Description of funded personnel, projects and expenditures

Project or expenditure	Salaries/wages	Licenses/ subscriptions	hardware	all other	total
1. Lab monitors for ITC and hardware upgrades to the ITC	85,833		120,492		206,325
2. Staff support: ITC, electronic portfolio project, college Web site, Blackboard and classrooms – 3.5 FTEs	208,511				208,511
3. Software for ARTIC lab, ITC, and classrooms		6,721			6,721
4. Subscriptions to research databases and online services		34,042			34,042
5. TA Support for required technology courses	72,806				72,806
6. Library laptops for wireless project			9,452		9,452
7. Misc ITC upgrades				9,702	9,702
8. Supplies				5,638	5,638
9. Maintenance and service				15,584	15,584
10. Offset deficits from previous years				30,000	30,000
11. Carry over for ITC hardware purchases				9,019	9,019
TOTALS	367,150	40,763	129,944	69,943	607,800

College of Dentistry

Allocation bodies

The Instructional Technology Committee is a standing committee composed of faculty, staff, and dental students. The committee meets periodically to discuss and make recommendations concerning instructional IT resource utilization, policies, and strategic plans. The student representatives and appropriate members of the committee meet with a larger group of student officers to present proposals to obtain feedback and support.

Description of allocation process

The process for utilizing SCF funds is to solicit proposals from the Instructional Technology Committee members – who in turn seek input from their peers. Student Computing Fee Request forms are presented to other appropriate groups, such as the Curriculum Committee, Course Directors, Clinic Directors, Oral Health Information System committee, etc. for additional comments and support. The Instructional Technology Committee discusses the requests (and prioritizes by ballot if necessary) and forwards to the Dean for final decision.

Description of funded personnel, projects and expenditures

Project or expenditure	Salaries/ wages	licenses and subscriptions	hardware	all other	total
1. Nutritionist Pro Network Version, Updates, & License for faculty course		600			600
2. 10 Student PCs (Dell) for Digital Radiography (7 in Radiology rooms, 3 in Simulation Clinic)			12,686		12,686
3. Flash Memory, Flash card readers, and other student supply replacements				408	408
4. digital camera with flash ring, lens, etc. for student case presentations & Adobe Elements software		854		2,075	2,929
5. 11 Student PCs (Dell) for ITL			10,175		10,175
6. Install data circuit in Radiology				600	600
totals	0	1,454	22,861	3,083	27,398

\$1,202 of the allocation is being rolled over to FY 2005/06 in anticipation of a large expenditure.

College of Education

Description of allocation body and process

A call for proposals went out to all faculty and staff. The following committee members reviewed, submitted feedback, and ranked all proposals.

Dr. John Achrazoglou (Chair and P&S staff)
 Wayne Kintz (P&S staff)
 Tom Misco (C&I Graduate student)
 Michael Hartley, (CRSD Graduate student)
 Meghan S Gurewitz (C&I Undergraduate student)
 Laura Lowe (EPLS Graduate student)
 Michael Smith (P&Q Graduate student)
 Dr. Carlos Rodriguez (C&I faculty)
 Dr. David Bills (EPLS Faculty)
 Dr. Tarrell Portman (CRSD Faculty)

Description of funded personnel, projects and expenditures

Project or expenditure	Salaries/ wages	licenses and subscriptions	hardware	all other	total
Wireless Hub for 3rd Floor			1,300		1,300
Graduate Student Office Network Access				3,450	3,450
Networking cards			1,000		1,000
Theory-based Instructional Practices Website	3,600				3,600
Instructional Technology Room 348 Lab			3,582		3,582
Digital Video, Still Photo and Playback Equipment for Music			4,915		4,915
Portable Workstations for GarageBand Music Composition			7,531		7,531
Student Display and Presentation Equipment			6,051		6,051
EPLS Lab Computer Hardware/Software Requests			17,916		17,916
Laptops for ETC checkout			3,494		3,494
Student Teacher Handbk CD				320	320
Laptops for Student Interviews			5,703		5,703
Photoshop Elements licenses		2,337			2,337
Update computers for 07e:102			10,936		10,936
Education Tech Center ITC Equipment Request			21,490		21,490
CD-ROM Distribution Sys			7,000		7,000
Statistical software licenses		1,725			1,725
Presentation sys for Jones Commons			5,287		5,287
Video Conferencing system			8,307		8,307
ePortfolio Support Center Equipment Request			23,533		23,533
Reserve fund				2,421	2,421
totals	3,600	4,062	128,045	6,191	141,900

Description of funded personnel, projects and expenditures

A total of \$139,479 was requested in 18 proposals from faculty and staff. The committee was allocated \$ 141,900 towards funding this year's proposals. After all funding recommendations were made there a \$ 2,420.83 surplus recorded. The committee requests that these funds be set aside to:

1. Cover any unforeseen shipping or purchase extended warranties for this year's funded proposals.
2. Fund any needed technology projects that come up later this year. If technology projects are considered this year members of the committee ask they be informed of and approve these expenditures via e-mail.

Any balance at the end of the year should be carried over to next year's funding cycle if possible.

1. Wireless Hub for 3rd Floor Bridge

Wireless technologies will provide an obvious impact for students in offices and a conference room they use.

2. Graduate Student Office Network Access

Providing network access to TA/GA rooms is a good request which has a clear impact for student computing accessibility.

3. Theory-based Instructional Practices Website

Funds requested to fund ½ of salary for web developer at Academic Technologies to produce web-based database of instructional strategies for students who teach College of Education courses. A collaborative project that will draw in Academic Technology's resources and provide future work opportunities for graduate students.

4. Instructional Technology Room 348 Lab

Requests one Windows computer with two hard drives, specialized software, and videoconferencing camera for student lab used by about 20 students. Students will use the Polycom videoconferencing camera to learn how to configure and use videoconferencing technologies in education.

5. Digital Video, Still Photo and Playback Equipment for Music

Request for multimedia and projection equipment for students in Music Education. States that current systems do not work as expected, adding a new projector will alleviate heavy demands on projector students now use.

6. Portable Workstations for GarageBand Music Composition

Requests 4 new Apple iBooks, microphones and software to improve Music Education students' compositions with "the latest technological tools." The requested technologies will simplify and bring consistency compared to what students now use.

7. CRSD Student Display and Presentation Equipment

Request to outfit a conference room students use with a computer and projection system. Students have used presentation technologies in the conference room for dissertation prospectuses and defenses, master thesis (or equivalent) defenses and comprehensive exam defenses. Students also use the conference room for study sessions in preparation for comprehensive or final exams and often work together on projects, all with the aid of a computer presentation system.

8. Educational Policy and Leadership Studies Lab Computer Hardware/Software

Requests a variety of hardware and software to upgrades and additions to student lab.

9. Laptops for circulation from ETC (fix)

Supports EPLS lab and other uses.

10. Student Teacher Handbook on CD

An inexpensive, and convenient proposal impacting many students.

11. Laptops for Student Interviews

Innovative, beneficial initiative that can impact students in all departments in the College of Education.

12. PhotoShop Elements Licensing

Introduce students to a low cost photo editing program that has potential to affect a large number of students.

13. Update Computers for 07e:102 Technology in the Class TA's

Replace aging machines and providing TA's with computer access on par with classroom environments

14. Education Tech Center ITC Equipment Request

All requested items are for the student ITC: digital video cameras, laptop batteries, cassette tape recorders, digital voice recorders and digital camera batteries were requested.

15. CD-ROM Distribution Technology

Requests purchasing newer examples of educational CDs and DVDs as well as the technologies needed to run them over campus networks. New security measures in student labs prevent CD-ROM installations and operations.

16. SPSS and SAS Statistical Software Licensing

Requests purchasing 6 copies of SPSS and 3 copies of SAS software. Students are often locked out of using the statistical programs because of all licensees being in use. The request would add to the current 3 copies of SPSS our students have access to. The licensing of the statistical packages would let students run the programs “remotely” on campus off ITS servers. Currently there are only 3 copies of SPSS available for students in 200 non-ITC student systems located in TA/GA offices.

17. Presentation system for Jones Commons

A request by our technical crew and the Dean’s Office is to purchase a laptop and projector dedicated to presentations held in Jones Commons.

18. Video Conferencing System

Proposes purchasing a Polycom ViewStation group videoconferencing system. Students would be able to host or participate in high speed video conferencing to/from classrooms, conferences and other educational forums. The proposed equipment can host up to four sites at a time and takes advantage of new H.263 video standards as well dual high speed 10/100 Ethernet ports.

19. ePortfolio Support Center Equipment Request

A request to upgrade the computer equipment in the ePortfolio Support Center and add scanners and software students now use in the ITC for ePortfolio production. Close to 800 students in the College’s Teacher Education Program are required to keep up compliant ePortfolios and the use of ePortfolios continues to grow in the College with the School Leadership Program starting up an initiative this Spring, and the rolling out a similar framework for Ph.D. students later on this semester.

College of Engineering

Allocation bodies

The College of Engineering Computer Systems Support (CSS) department is responsible for the College of Engineering IT budget which includes the funds from the Engineering College student computer fees. The Engineering Faculty Council has created Computer Services Committee to provide representative faculty advice on the expenditure of Student Computer Fee (SCF) funds and other operational issues. In addition input on planning is received from the Engineering Student Council, students at large and from the Dean of the College of Engineering. Software maintenance expenditures, from SCF funds, are directed by the five College of Engineering DEOs based upon what software they require to support the curriculum. The Computer Systems Support department makes the final decisions on all IT expenditures involving Engineering College student computer fees.

In addition to a student report, CSS meets with the Engineering Student Council to discuss support issues. CSS also gathers input from Engineering College students who use the College computer labs or the College computer consulting service.

Description of allocation process

College IT expenditure decisions are made by the CSS staff with final approval from the director. Expenditure decisions take into account user input as outlined above as well as the College strategic plan, recommendations from College accreditation reports, and departmental faculty who make recommendations through their DEOs as to what academic software the College will support.

All Engineering College student computer fee income is spent on the academic support of Engineering students and students taking Engineering classes.

Description of funded personnel, projects and expenditures

Project or expenditure	Salaries/ wages	licenses and subscriptions	hardware	all other	total
1. student assistants	0				0
2. non-student personnel	0				0
3. desktop hardware upgrades			324,022		324,022
4. server hardware upgrades			38,268		38,268
5. software maintenance		87,126			87,126
6. software		18,578			18,578
7. infrastructure				46,002	46,002
totals	0	105,704	362,290	46,002	513,996

Hardware upgrades were for student computer lab refresh of one third of the hardware. This includes Windows and Linux desktop computers. Infrastructure expenditures helped to pay for a server room upgrade project. Software expenditures were for instructional engineering software.

In fiscal year 2005, \$505,300 was allocated to the Engineering College CSS budget. The College spent or encumbered a total of \$513,996 which includes the \$505,300 in Engineering Student Computer fees and \$8,696 from our reserve Student Computer fee fund.

College of Law

Allocation bodies and Description of allocation process

The Law Student Computer Fee budget in the Law Library is set each year by the College of Law Associate Dean for Research in consultation with the Executive Law Librarian, the Head of Law Library Public Services, a Law Librarian for Student Computing, and two Law Students who are also Teaching Assistants in the Law library with responsibilities related to Law Student computing. At the beginning of each year a meeting is held involving all of these people at which the needs for student computing support and the expenditures authorized for that purpose from these funds are determined.

Description of funded personnel, projects and expenditures

Project or Expenditure	Salaries/Wages	Licenses and Subscriptions	hardware	All Other	Total
1. Student assistants (2 people, 1 FTE)	18,608			2,000	20,608
2. Non-student personnel (3 people, 1.5 FTE)	84,282				84,282
3. Student computers		250	18,899		19,149
4. Set-aside for replacement of 52 computers **				383	383
5. Beeper for student assistant				200	200
6. Database subscriptions		120,378			120,378
TOTALS	102,890	120,628	18,899	2,583	245,000

* Includes replacement of 13 of the 52 student computers used in the Law Library (OPACS) and 1 student used laser printer.

** Money was unavailable this year to fund fully the annual set-aside for the periodic replacement of student computers because of the purchase this year of replacements for 13 student used computers (OPACS) and the student used laser printer.

Salaries for Law Student Computing Support **\$104,890**

2 Grad Assistants for Student Computing Salary	15,810
2 Grad Assistants for Student Computing Benefits	2,798
Graduate Student Tuition for 2 Grad Assistants for Student Computing	2,000
P&S Salary Librarian for Student Computing (Half-time)	23,000
P&S Salary Librarian for Student Computing (Half-time)	23,000
P&S Fringe Benefits Librarian for Student Computing (Half-time)	7,360
P&S Fringe Benefits Librarian for Student Computing (Half-time)	7,360
P&S Salary Computer Specialist for Student Computing (Half-time)	17,850
P&S Fringes for Computer Specialist for Student Computing (Half-time)	5,712

Data Base Subscriptions **\$ 120,378**

Westlaw	39,061
LEXIS	31,674
Congressional Universe	936
International Business and Environment	0
International Civil Procedure	0
Hein on Line	7,713
Index to Legal Periodicals (Retrospective)	10,115
Wilsondisc	2,125
Juta Law	223
Global Jurist	365
Kluwer	250
Annual Guide to Constitutions of the World	900
Indexmaster	495
MARCIVE	710
CCH Perform (State Tax Forms)	750
CILP	561
SRRN (LSN, ERN, FEN)	4,270
UN Treaties	575
Canadian Statues	1,024
Constitutions of the World	495
GLLIN	2,500
SilverPlatter (IFLP)	1,476
Inter American Trade Database	1,000
Treaties (Oceana)	1,193
United Nations Yearbooks	305
Law Library Digital Microform Consortium (LLMC)	5,800
Health Policy Tracking Service	600
Iowa Code & Administrative Code	200
BNA	0
Legal Journals Index	2,597
Legal Trac	2,465

College of Medicine

Allocation bodies

Academic information technology subcommittee, composed of assistant Deans of Student Affairs, IT staff, and medical students.

Description of allocation process

Subcommittee reviews requests, needs for computer technology support for academics. Includes participation of medical students.

Description of funded personnel, projects and expenditures

FY 2005 Student Computer Fees were spent refreshing computers and printers for student use located in the Medical Education and Research Facility (MERF). This includes new workstations in the computer classroom (1221 MERF), as well as new workstations in the medical student communities (1120, 1130, 1150, 1160 MERF), and workstations in a number of seminar rooms located on the first floor of MERF. Total number of workstations acquired were 37. In addition, \$1000 was encumbered supporting the medical student print management system which is used to manage medical student printing in areas where students access computers.

Project or Expenditure	Salaries/Wages	Licenses and Subscriptions	hardware	All Other	Total
Dell workstations			44,400		44,400
Print Management software support		1,000			1,000
TOTALS		1,000	44,400		45,400

College of Nursing

Allocation bodies

The Technology Services Committee recommends to Dean Dreher how the allocation should be spent. Representatives from the faculty, staff, graduate students, and undergraduates student comprise the voting members of the committee. Dean Dreher reviews the recommendation and authorizes the expenditures.

Description of allocation process

Both voting and non-voting members of the Technology Services Committee bring recommendations from the general faculty, staff, and students that would meet technology needs and enhance the academic programs. All options are discussed and weighed. The most urgent needs are funded.

Description of funded personnel, projects and expenditures

Expenditure	Salaries/wages	licenses and subscriptions	hardware	all other	total
Non-capitalized equipment			12,327		
UI provided services				141	
Telecommunications – Fixed Charges				504	
Capitalized Equipment			2,163		
Encumbrance on Capitalized Equipment			8,125		
Reserve account for future year refresh or carry forward				2,340	
totals	0	0	22,615	2,985	25,600

The College of Nursing installed computer and audio visual equipment in two classrooms FY05. All of the above expenditures and encumbrances are related to this purchase and installation of equipment. The encumbrance is capitalized equipment that was purchased, but, not delivered by June 30, 2005.

The requested carry forward of the \$2,340.22 is to assist with the entire updating and technology renovation within room 22 NB. The equipment has surpassed the life span of the individual technologies. The estimated cost of this project cost is between \$34,000 - \$40,000. This exceeds the student compute fee allocation for FY06.

College of Pharmacy

Allocation bodies/Description of allocation Process

The College of Pharmacy uses the Information Technology Committee for making recommendations regarding the spending of allocated Student Computing Fees. The committee is comprised of:

- ◆ 1 faculty representative from each Academic Division,
- ◆ 1 staff representative from each Service Division,
- ◆ 1-2 staff representatives from each Administrative Office,
- ◆ 1 staff member from CIO Office,
- ◆ 2 graduate students,
- ◆ 2 staff members from the COP-IT Office, and
- ◆ 1 PharmD Student

The committee meets monthly during the spring and fall semesters and works closely with the Dean, the Associate Dean of Academic Affairs, and the College IT Office. Individual faculty and Student Council representatives are often consulted and encouraged to make specific hardware and software recommendations.

Description of funded personnel, projects and expenditures

Project or expenditure	Salaries/wages	licenses and subscriptions	hardware	all other	total
1. student assistants 6 students, 2.0 FTE	24,014				24,014
2. non-student personnel (.5 FTE, 5 mos.)	9,166				9,166
3. Classroom Computers, Upgrades, Peripherals			12,428		12,428
4. ITC remodeling				9,983	9,983
5. Drug Database/PDA		2,625			2,625
6. PDA's for Pharm Lab			6,102		6,102
7. Reserve account for future year refresh or carry forward				5,140	5,140

Totals (from 04)					22,458
Totals (05)	33,180	2,625	18,530	15,123	47,000

College of Public Health

Allocation bodies

The College of Public Health Computation and Informatics Committee met on several occasions to discuss allocation of Student Computing Fee funds. The College was allocated \$30,000 from Student Computing Fee funds for FY2005. In addition, \$2989.60 was carried over from FY2004 Student Computing Fee funds, giving us a total of \$32,989.60. The Computation and Informatics Committee is chaired by Veronica Vieland, Department Head for the Program in Public Health Genetics. The committee is comprised of one faculty member from each department, a student elected representative from each department, and several administrative staff. The College consists of the departments of Biostatistics, Community and Behavioral Health, Epidemiology, Health Management and Policy, Occupational and Environmental Health and Public Health Genetics.

Description of allocation process

The College of Public Health currently maintains five computer laboratories. The Director of Information Technology began the process by contacting the elected student representatives from each of the six departments within the College. The student representatives from each department are participants/members on the Computation and Informatics Committee. The Committee meets regularly during the year to discuss IT related issues, including the Student Computing Fee funds.

Description of funded personnel, projects and expenditures

Project or expenditure	Salaries/wages	licenses and subscriptions	hardware	all other	total
1. Personnel	9,072				9,072
2. Software (SAS, SPSS, SPlus)		5,182			5,182
3. Keyserver Client Software		1428			1,428
4. Adobe Acrobat		679			679
5. EndNote software		2,017			2,017
6. Printing supplies				4,901	4,901
7. Miscellaneous				253	253
totals	9,072	9,306	0	5,154	23,532

The College of Public Health purchased annual statistical software licenses for SAS, SPSS, and SPLUS for the desktop workstations in the collegiate student computing labs. In addition, Student Computing Fee funds were used to purchase Adobe Acrobat 7.0 and EndNote 9.0 software licenses for the desktop workstations in the collegiate student computing labs. In an effort to manage all the software in the student computing labs and take advantage of concurrent licensing, Keyserver software metering client licenses were

purchased and implemented. The Student Computing Fee funds were also used to pay 25% FTE to support the collegiate student computing hardware, software, and multimedia equipment. Roughly \$4900 was allocated to printing supplies in the collegiate student computing labs, including paper, toner, and maintenance. The remaining \$9,456.81 will be carried over to the following year. We will combine these funds with FY06 allocation in an effort to facilitate more extensive purchases, such as new desktop computers, laptops, printers and scanners.

Graduate College

Allocation bodies

Notification was sent to departments/programs stating the allocation of resources from the Student Computer Fee funds. Each department/program met with faculty and student groups to determine their needs and proposals were sent to the Graduate College.

Description of allocation process

Each department had student input as follows:

Project on Rhetoric of Inquiry – Students in Program
 School of Library Information & Science – LISSO (student organization)
 Urban & Regional Planning – (25 students in attendance at a faculty meeting)

The Dean of the Graduate College, Director, Human Resources & Finance, and the College’s senior IT person made the final decision which proposals would be funded. The proposals that would assist the most graduate students received first priority.

Description of funded personnel, projects and expenditures

Project or expenditure	Salaries/wages	licenses and subscriptions	hardware	all other	total
Project on Rhetoric of Inquiry Center for Digital Writing & Publication			4,118	1,135	5,253
Urban Regional & Planning Color Plotter Workstations (4)			1,759 5,313		7,072
School of Library Science & Information			4,755		4,755
....					
N.. Reserve account for future year refresh or carry forward			1,320		1,320
totals			17,265	1,135	18,400

POROI - The Center for Digital Writing and Publication would be a visible international signal that Iowa, as the premiere writing university in the country, is also a leader in the digital age and is therefore fully engaged with the possibilities the internet offers for mediating and advancing cross-disciplinary thinking, cross-genre writing, the relationship between the arts and the humanities, and the archiving of digital work related to these

practices and intersections. The Center will offer, among other things, publication opportunities for our graduate students, work and experience for current graduate students, a beacon to potential graduate students, intersections with various faculty and graduate activities.

Urban & Regional Planning - A large format color plotter will be used by the students to make their presentations and portfolios look more professional. Also, the students recommended new workstations that would have enough memory, video memory and speed for their final assembly of large, complex GIS and visualization projects.

School of Library Science & Information – Replaced the printer in the student's computer lab, added memory to the departmental server, and additional workstation in the student's computer lab.

The remaining \$1,135 will be carried over to the following year which will be combined with new funds from FY06 in an effort to facilitate more extensive purchases.

Innovations in Instructional Computing Awards

Academic Technologies Advisory Council

Purpose: The goal of the Innovations in Instructional Computing Awards is to raise the level of instructional computing at the University of Iowa by supporting significant and innovative instructional computing projects that have the potential to improve the education provided to students throughout the university. These projects are considered as "proof-of-concept" projects that are new to the University of Iowa.

Priorities: In the spirit of innovation all new ideas are welcome, but the focus is on instruction. Priority is given to projects that, if proven successful, can be replicated throughout the university. Cross-disciplinary projects are encouraged, but not required.

Audience: Projects that primarily improve the instruction of undergraduates are encouraged. However, this program is not limited solely to undergraduate education.

Description of allocation process

A total of \$104,750 was available for awards. The number of awards is determined by the quality of the applications. A single award or numerous ones may be made. Applications can be made to support the costs of hardware, software, and personnel.

Evaluation Team: The evaluation team consisted of the members of the Academic Technologies Advisory Council (listed at <http://www.its.uiowa.edu/at/atac/>).

Process Summary:

- ATAC formed a sub-group to determine which proposals met the criteria and should be considered for funding.
- An AT staff member was assigned to advise the sub-group on:
 - The technical feasibility of the proposed projects
 - Activities on campus that may be relevant to the proposed projects
- Sub-group reviewed all proposals and recommended those that met the criteria.
- Entire ATAC approved the recommended proposals and interviewed applicants of those proposals. Additional information was solicited from the applicants during this second phase, including detailed budget information; project timeline and milestones; letters of support from DEO and Deans.
- Based on the interviews, ATAC then determined which projects to fund and how the funds should be distributed to the projects.
- Applicants, DEOs and Deans were informed of the awards.

Description of funded personnel, projects and expenditures

Liberal Arts & Sciences	Art & Art History	10,500	Dorothy Johnson	Make the thousands of works of American art produced at the School of Art and Art History available for instruction through a web application that combines the relevant data describing the works along with digital images of the objects in the collections.
	Mathematics	24,000	Keith Stroyan	Develop a web site to support a full spectrum of multivariable or vector calculus courses.
	Geoscience	16,000	Richard G. Baker	Scanning/digitizing an extensive and unique collection of over 3000+ slides for use in instruction and widely available over the web
	German and Language Media Center	10,000	James P. Pusack Sue K. Otto	Create a flexible authoring tool, ObjectMover, that will allow instructors to create visually stimulating interactions that learners can use to capture essential components of a web-based text or a streaming video.
	Chemistry	29,500	Claudio Margulis Jeffrey Miller	Develop a functional computational cluster out of a lab of computers to harness off-use, idle cycle time so that it doubles as a super-computing cluster and a lab.
Medicine	Emergency Medicine	4,750	Christopher Russi Hans House Pooneh Hendi	Develop an educational adjunct for bedside teaching and patient care in the emergency department and construct an educational library repository to store lectures, medical literature and streamed video of visiting professors and procedural skills necessary for emergency medicine.
Libraries Business		10,000	J. David Martin Laura Leavitt	Create an online version of a currently enrolled class, 6B:050, Information Retrieval for Business

The deadlines for these projects were extended to September 1, 2005, to give the awardees sufficient time to complete the work. The funds were not allocated until winter 2005. Unspent funds are carried forward to FY2006.

Project	Salaries / wages	licenses and subscriptions	hardware	all other	total
Johnson	10,500				10,500
Stroyan	24,000				24,000
Baker	8,500		7,500		16,000
Pusack, Otto	10,000				10,000
Margulis, Miller		8,250	21,250		29,500
Russi, House, Hendi	850	3,500	200	200	4,750
Martin, Leavitt	10,000				10,000
totals	63,850	11,750	28,950	200	104,750

ITS-Academic Technologies

In FY05, Academic Technologies provided support, with funding from Student Computing Fees, to the following activities.

Digital Plagiarism Tool

At the request of the Provost's Office, AT licenses the software package, Turnitin, for faculty and students to use to check the originality of their writing assignments. AT staff oversee the license contract, manage local account management, and provide support to faculty and students using the software.

Turnitin software license	\$14,745
---------------------------	----------

Student Technology Assistants

Based on the success of the first year, Academic Technologies continued this program to train students in web-production skills and assign them to work directly with faculty to produce course-related web sites. During this past year, we worked with faculty from the Division of Performing Arts (Theatre, Dance, Music) in the College of Liberal Arts & Sciences and assisted faculty in all colleges in moving their web-based course sites to ICON (Iowa Courses Online), the new course management system for Iowa.

Total Allocated	\$89,000
-----------------	----------

nTITLE Stipends

nTITLE's mission is to provide faculty at the University of Iowa with resources and intensive training for integrating new instructional and delivery technologies into their teaching. This program supplements and integrates other resources and training available at the university. The program is a collaborative effort among the Center for Teaching, Information Technology Services (ITS), and the University Libraries.

The core of nTITLE was a four day workshop which is offered several times each summer. Twenty-four faculty participate in each workshop. Two workshops were presented in the summer of 2004, for a total of 48 participants. This was the last offering of the nTITLE program in its traditional form. Participants were selected by their Colleges. In the workshops, faculty discuss and share their existing instructional strategies, learn about new ones such as problem-based learning and cognitive apprenticeship, and progress through a series of coached hands-on activities to learn new tools such as WebCT, Blackboard, Dreamweaver, Fireworks, PowerPoint, and more. In addition to the training, the participants receive a \$1,500 mini grant to purchase additional equipment and software to implement skills and strategies they learn in the workshops. Extensive post-workshop support is provided to participants (via the web, individual consultations, and assistance through the Center for Teaching, ITS, and the UI Libraries) so that participants can continue to work on projects started during the workshops.

nTITLE stipends

\$72,000

Project or expenditure	Salaries/wages	licenses and subscriptions	hardware	all other	total
Turnitin software		14,745			14,745
Student Technology Assistants & Other faculty support	89,000				89,000
nTITLE stipends	72,000				72,000
totals	161,000	14,745			175,745

ITS Campus Services ITC Support

Allocation bodies

ITC Support a division of Campus Services is responsible for allocating equipment to the student computing labs. People involved are Les Neu, Chris Clark, Marianne Holton and Marc Franke and ITC coordinators. Allocations are made based on statistics collected from actual usage, lab by lab. Lab equipment is often shifted from one lab to another to increase equipment in heavily used labs and decrease in labs that are not so heavily used.

Other funds are used to provide support for student services such as the Help Desk, Email support, Web Services, Thesis consulting and ITC Technical support for the 25 labs that supported centrally.

Description of allocation process

This past year ITC Support did not replace any computers in the student computing labs supported by ITS. Computers scheduled to be replaced had their warranty extended for 1 year. ITS staff determined these computers could continue to operate the current operating system and software. With the impending availability of Microsoft's new Vista operating system (replaces Windows XP), the routine refresh was delayed one year until the hardware requirements for the new version of the operating system were better understood. ITS did replace the old HP 4050 backup laser printers.

Each year, the Director of Campus Services makes an assessment on the best way to allocate the salary contribution from Student Computer Fees for the various parts of central student technology services provided by Campus Services. For example, about 40% of the calls to the Help Desk have been from students and the salary contribution from SCF is set to about 40% for that unit. SCF makes only a contribution, the remaining cost is born by central funding. The contribution from SCF only partly funds all of the staff services to students.

Description of funded personnel, projects and expenditures

Project or expenditure	Salaries/ wages	licenses and subscriptions	hardware	all other	total
HP 4250 Laser Printers (22)			33,770		33,770
HP 3700 Color Laser (1)			1,379		1,379
HP 5550 Color Laser (1)			4,255		4,255
Printer memory			2,000		2,000
Warranty upgrade (241) computers				8,435	8,435
17" Flat Panel MonitorsHardin (53)			15,900		15,900
Email Station Monitors			1,821		1,821
Mac X-Serves			13,000		13,000
ITC Software		80,000			80,000
Laptop Accessories				4,160	4,160
Reserve for future ITC				235,280	235,280

Refresh					
Salaries...and % from SCF					
ITC Support Salaries...34.7%	169,000				169,000
Help Desk Salaries....41.1%	280,750				280,750
App Support Salaries...8.7%	74,250				74,250
ITC Tech Salaries.....46.8%	150,000				150,000
totals	674,000	80,000	72,125	247,875	1,074,000

ITS Telecommunications and Network Services

Allocation bodies and description of process

ITS Telecommunications and Network Services planning groups
Student Technical Advisory Council, consisting of students who volunteer to serve

The budgeted \$200,000 for remote access was spent as partial payment for remote access services provided to students at no charge. This allocation was endorsed by the Student Technical Advisory council, and was supported by student surveys regarding technology services. Students have also endorsed projects associated with improving the ITCs
There is demand from students in extending wireless services.

Description of funded personnel, projects and expenditures

Project or expenditure	Salaries/wages	licenses and subscriptions	all other	total
Remote access			200,000	200,000
Operational support			40,000	40,000
Expand wireless network			64,500	64,500
totals			304,500	304,500

University Libraries

Allocation bodies

The Libraries Information Technology Advisory Committee (LITAC) makes recommendations on all library technology spending, including student computer fee allocations. These recommendations are forwarded to the Libraries' Executive Council (ExCo) for final decision.

Description of allocation process

The Coordinator of Information Systems & Technology solicits recommendations and requests for equipment needs throughout the library system. The Libraries' Information Systems Support Team (ISST) gathers the information and generates a list of potential projects with cost estimates and possible funding sources. Projects that directly impact students are considered for student computer fee spending. ISST forwards this list to LITAC for prioritization. LITAC's recommendations are then forwarded to ExCo, which makes final decisions on which projects should be funded and from which sources.

Description of funded personnel, projects and expenditures

Project or expenditure	Salaries/wages	licenses and subscriptions	hardware	all other	total
1. Library public workstation upgrades			67,013		67,013
2. My Library server			7,987		7,987
Totals			75,000		75,000

A total of 80 new public workstations were purchased to replace all of the non-ITC public workstations in the Main Library.

The University Libraries matched the \$7,987 from student computing fees with another \$7,706 to replace the servers that run My Library and InfoLink, respectively. My Library provides a single interface for federated searching across over 100 licensed electronic resources.