

agriculture college pool expenditures FY 07

Department	Location	For Use By	Item	Unit Price	#	Total
A. HARDWARE PURCHASE, MAINTENANCE, REPLACEMENT, AND UPGRADING						
ABE	I ED II	Staff	Allen Bradley Controllers, Software and Manuals			5,905.61
ABE	I ED II	Students	Computer for Disability Student Testing			1,333.13
ABE	Davidson	F/S/Students	UBS (Computers)	1534.82	10.00	15,348.20
AGEDS	224 Curtiss	F/S/Students	Technology purchases/maintenance			18,528.06
AGRON	2216	Students	1/2 cost of projector for student checkout	848.50	1.00	848.50
AGRON	2026/2050	Students	2 computers	815.09	2.00	1,630.18
AGRON	Lab G528	Students	Color Laser Printer	848.50	1.00	848.50
AGRON	2050	Students	Wireless mic system	413.75	1.00	413.75
AGRON	1022	F/S/Students	Multimedia Presentation equipment	7005.41	1.00	7,005.41
AGRON	3020	Students	Ethernet switch	70.80	1.00	70.80
AnSci	25 Kildee	Students/Faculty	Elmo digital document camera for classroom	1628.00	1.00	1,628.00
AnSci	2310 Kildee	Students/Faculty	Elmo digital document camera for classroom	1610.00	1.00	1,610.00
AnSci	106 Kildee	Students	Firewire disk drive for backup image on server	418.93	1.00	418.93
ECON	68 Heady	Students	Printer maintenance kit			374.89
ENT		S/F/Staff	iMac Core 2 Duo 20"		1.00	1,676.00
ENT	411 SCI II	S/F/Staff	OptiPlex GX745		1.00	1,605.82
ENT	411 SCI II	S/F/Staff	Dell Latitude D410		1.00	1,663.64
ENT	411 SCI II	S/F/Staff	Pioneer DVR111D Devd+RW IDE		1.00	43.10
ENT			Pioneer DVR111D Devd+RW IDE		2.00	96.49
ENT	433 SCI II	S/F/Staff	LinksysWireless-G access point		1.00	75.12
ENT	433 SCI II	S/F/Staff	FC PCI Express interface card		1.00	449.00
ENT		S/F/Staff	Repair LJ4350dtn		1.00	189.95
EEOB			Linksys wireless router	49.99	4.00	199.96
EEOB			MacBook portable computers	638.33	5.00	5,745.00
EEOB			iMac computer	1099.00	1.00	1,099.00
EEOB			Nikon 5000 ED slide scanner	999.98	1.00	998.98
EEOB			Nikon SF-210 auto slide feeder	459.14	1.00	459.14
EEOB			Acer AL2051W monitor, monitor cables, Parallels software	529.10	1.00	529.10
FSHN	220 MacKay	Students	2 Dell latitude D620 Checkout laptops for classroom use	1419.62	2.00	2,839.24
FSHN	2312 FSB	Students	3 Dell Latitude D420 lightweight checkout laptops for classroom use	1564.82	3.00	4,694.46
FSHN	220 MacKay	Students	2 checkout projectors for classroom/instructional use	1329.00	2.00	2,658.00
GDCB		Faculty	Computer for Barbara Krumhardt	1703.25	1.00	1,703.25
GDCB		Staff	Computer for Claudia Lemper	1045.31	1.00	1,045.31
HORT	109 Hort	Students	RAM (RM156 GX 280 SFF)	79.99	30.00	2,399.70
HORT	156 HORT	Students	3 LCD Monitors	343.92	3.00	1,031.75
HORT	156 HORT	Students	Video Card	145.63	1.00	145.63
HORT	109 Hort	Students	Internal ATAPI DVD drive	78.00	25.00	1,953.35
HORT	156 HORT	Students	256 MB RAM for portable PC	36.62	1.00	36.62
NREM	233 Sci II	Students	Latitude D620 Laptops,USB 5 button Mice, 90 Watt Ac Adapter			20,156.36
NREM	241 Sci II	S/F/Staff	HP ScanJet, 12in1 Reader/Writer, Surge Protetor, Stereo Headphones			160.97
						\$ 109,618.90
B. SOFTWARE						
Agron	G528	Students	SAS for 23 computers	45.00	23.00	1,035.00
AnSci	106 Kildee	Students	Server software (Windows 2003 for student lab	132.00	2.00	264.00
AnSci	106 Kildee	Students	Paragon partition Magnager (server mgmt)	410.24	1.00	410.24
AnSci	106 Kildee	Students	Ghost software license to create software images for lab	1.45	50.00	72.50
EEOB			Supply	190.18	1.00	190.18
ENT	418 SCI II	S/F/Staff	SAS License	80.00	2.00	160.00
ECON	68 Heady	Students	75 Ghost licenses and media kis (software)			1,580.50
FSHN	1432 FSB/108/209/210 MacKay	Students	ESHA Food Processor SQL			575.00
HORT	109 Hort	Students	Adobe Production premium CS3 (WIN)	412.00	1.00	412.00
HORT	109 Hort	Students	Final Cut Studio 2	499.00	1.00	499.00
HORT	156 Hort	Students	Ghost License Renewal	1.45	100.00	145.00
HORT	109 Hort	Students	Adobe Production premium CS3	412.00	2.00	824.00
HORT	109 Hort	Students	Software	409.88	1.00	409.88
NREM	106 Sci II Grad Lab	Students	FY07 SPSS License	75.00	1.00	75.00
NREM	Used to image student machines	S/F/Staff	Symantec Ghost Solution			283.00
NREM	106 Sci II Grad Lab	Students	Acrobat Pro 7.0 License	80.00	1.00	80.00
NREM	82 Sci II Grad Lab	Students	Sigma Plot 10 licensing			1,145.00
NREM	312 Sci II	S/F/Staff	Acrobat 8.0 Professional	40.00	1.00	40.00
PPath			SAS Licenses			200.00
Soc		Students	SPSS Licenses All Labs			1,675.00
Soc		Students	SAS Licenses All Labs			480.00
AGEDS	Teaching Classroom	F/S/Students	Software purchases/upgrades			683.44

agriculture college pool expenditures FY 07

Department	Location	For Use By	Item	Unit Price	#	Total
EEOB			memory upgrades for MacBooks	183.50	5.00	917.51
HORT	156 HORT	Students	2 Year Servers' Warranty Extensions	1364.00	3.00	4,092.00
						\$ 16,248.25
C. EXPENDABLE SUPPLIES						
AGEDS		Students	Expendable supplies			2,974.99
AGRON	3020	Students	7 mice for computers			98.48
AGRON	G528	Staff	ink for color printer			108.63
AGRON	G528/3028	Students	Paper/printer supplies			2,439.78
AnSci	124 Kildee	Students	Mounting brackets for additional drives		15	128.36
AnSci	124 Kildee	Students	Exchange of mounting brackets for correct model		15	25.99
AnSci	106 Kildee	Students	Replacement batteries for UPS for lab server		2	56.10
AnSci	1 and 124 Kildee	Students	Toner cartridges for printer		2	340.98
AnSci	1 and 124 Kildee	Students	Paper for lab printers			294.80
AnSci	119 Kildee	Students	Remote presentation mice for use in senior seminar		4	225.03
AnSci	2310 Kildee	Students	Replacement bulb for classroom projector		1	425.23
AnSci	1 Kildee	Students	Color print cost recovery			-20.22
AnSci	1 Kildee	Students	B&W print cost recovery			-927.14
AnSci	124 Kildee	Students	B&W print cost recovery			-1,205.42
BBMB			USB Flashdrives			115.96
ECON	68 Heady	Students	Paper			396.68
ENT	418 SCI II	S/F/Staff	Paper	28.30	1.00	28.30
ENT	418 SCI II	S/F/Staff	Paper	33.05	2.00	66.11
ENT	418 SCI II	S/F/Staff	Paper	34.90	1.00	34.90
ENT	418 SCI II	S/F/Staff	HP LaserJet Q5942X toner for 4350		1.00	209.77
ENT	418 SCI II	S/F/Staff	Apple mini-DVI to video adapter		1.00	17.10
ENT	418 SCI II	S/F/Staff	Apple mini-DVI to VGA		1.00	17.10
ENT		Students	HP LaserJet Q5942X toner for 4350		1.00	204.78
HORT	156 HORT	Students	Energizer Lithium (2032) batteries	3.97	9.00	35.73
HORT	156 HORT	Students	Energizer Lithium (2032) batteries	3.97	8.00	31.76
HORT	109 HORT	Students	Toner	96.99	1.00	96.99
HORT	156 HORT	Students	Toner	269.09	1.00	269.09
HORT	156 HORT	Students	Toner	269.09	1.00	269.09
HORT	156 HORT	Students	Paper (270 reams)	969.30	1.00	969.30
HORT	157 HORT	Students	Toner	269.09	1.00	269.09
NREM	241 Sci II	S/F/Staff	HP Toner			210.10
NREM	241 Sci II	S/F/Staff	lomega Floppy USB Drive	32.99	1.00	32.99
SOC			Paper			377.99
SOC			Toner			586.48
SOC			Toner			293.74
SOC			Toner			687.68
SOC			Toner			687.68
SOC			Toner			586.48
SOC			Toner			586.48
						\$ 12,046.96
D STUDENT ACCESS TO NETWORK						
ABE	I ED II	Students	Recurring Data service			84.00
AGRON	G528	Students	Recurring Data service			372.00
AnSci	1 and 124 Kildee	Students	Internet Network Access			45.50
AnSci	1 and 124 Kildee	Students	Internet Network Access			45.50
AnSci	1 and 124 Kildee	Students	Internet Network Access			45.50
AnSci	1 and 124 Kildee	Students	Internet Network Access			45.50
AnSci	1 and 124 Kildee	Students	Internet Network Access			45.50
AnSci	1 and 124 Kildee	Students	Internet Network Access			45.50
AnSci	1 and 124 Kildee	Students	Internet Network Access			45.50
AnSci	1 and 124 Kildee	Students	Internet Network Access			45.50
AnSci	1 and 124 Kildee	Students	Internet Network Access			45.50
AnSci	1 and 124 Kildee	Students	Internet Network Access			45.50
AnSci	1 and 124 Kildee	Students	Internet Network Access			45.50
AnSci	1 and 124 Kildee	Students	Internet Network Access			45.50
AnSci	1 and 124 Kildee	Students	Internet Network Access			45.50
AnSci	1 and 124 Kildee	Students	Internet Network Access			45.50
AnSci	1 and 124 Kildee	Students	Internet Network Access			45.50
BBMB		Students	Recurring Data service			38.27
ECON	68 Heady	Students	Recurring Data service			504.00
ECON	68 Heady	Students	Recurring Telecomm Service			208.00
ENT		Students	Recurring Data service			552.00
						\$ 2,304.27
E SECURITY						
AGEDS		F/S/Student	Security			161.07
AnSci	2310 Kildee	Students	Sonic Shock alarm and routing switcher for classroom projectors			539.79
						\$ 700.86

agriculture college pool expenditures FY 07

Department	Location	For Use By	Item	Unit Price	#	Total
F. SUPPORT PERSONNEL						
ABE	I ED II	Staff	Tech Support			5,996.61
AGRON	Lab G528	Students	Lab Monitors			2,196.75
AnSci	1 and 124 Kildee	Students	Lab monitors salaries (Work Study)			47.94
AnSci	1 and 124 Kildee	Students	Lab monitors salaries (Work Study)			135.39
AnSci	1 and 124 Kildee	Students	Lab monitors salaries (Work Study)			157.96
AnSci	1 and 124 Kildee	Students	Lab monitors salaries (Work Study)			157.96
AnSci	1 and 124 Kildee	Students	Lab monitors salaries (Work Study)			197.44
AnSci	1 and 124 Kildee	Students	Lab monitors salaries (Work Study)			177.70
AnSci	1 and 124 Kildee	Students	Lab monitors salaries (Work Study)			98.72
AnSci	1 and 124 Kildee	Students	Lab monitors salaries (Work Study)			78.98
AnSci	1 and 124 Kildee	Students	Lab monitors salaries			327.26
AnSci	1 and 124 Kildee	Students	Lab monitors salaries			347.48
AnSci	1 and 124 Kildee	Students	Lab monitors salaries			230.35
AnSci	1 and 124 Kildee	Students	Lab monitors salaries			161.17
AnSci	1 and 124 Kildee	Students	Lab monitors salaries			267.05
AnSci	1 and 124 Kildee	Students	Lab monitors salaries			306.70
AnSci	1 and 124 Kildee	Students	Lab monitors salaries			243.07
ECON	68 Heady		Hourly lab monitors (salary & benefits)			2,793.22
Ppath		Students	Salary for Student Tech			208.66
						\$ 14,130.41
G. PERSONNEL INVOLVED IN COURSE DEVELOPMENT						
						\$ -
H. ADMINISTRATIVE FEE						
AGEDS		Students	Admin fee			300.28
AnSci			Haz Mat Charge			34.38
ECON	68 Heady	Students	Admin charges			49.49
EEOB			Haz Mat Charge			150.02
ENT		S/F/Staff	Haz Mat Charge			27.25
ENT	411 SCI II	S/F/Staff	Haz Mat Charge			35.96
ENT	411 SCI II	S/F/Staff	Haz Mat Charge			29.11
NREM	241 Sci II	S/F/Staff	Haz Mat Charge			2.24
NREM	233 Sci II	Students	Haz Mat Charge			352.73
						981.46
Total Expenditures						\$156,031.11

AGRICULTURE AND BIOSYSTEMS ENGINEERING

Expenditure Explanation: Note that all expenditures were for student use, and that all listed are for ABE.

Category Location Item qty total

Personnel I ED II 1. Tec Support - P&S \$5,996.61

Hardware Purchase I ED II 2. Allen Bradley Controllers, Software, and Manuals \$5,905.61

Hardware Purchase I ED II 3. Computer for Disability Student Testing \$1,333.13

Hardware Purchase Davidson 4. UBS (Computers) 10 \$15,348.20
Student Network Access

I Ed II 5. Recurring data service \$84.00

Total \$28,667.55

Narrative Report (reference item numbers above):

Student computer fees were used for:

1. Partial funding of the department's computer support specialist (Alan Kuuttilla), and his work in the departmental student computer labs.
2. Purchase of Allen Bradley Controllers, Software, and Manuals used in a teaching two sections for Dr Lie Tang's TSM465 class.
3. Purchase of a computer to accommodate students with disabilities and special needs for testing.
4. Purchase of 10 computers for Dr U S Tim's GIS teaching lab.
5. Payment of monthly data service charges to IDE II computing lab.

Planned expenditures (2007/2008):

1. Purchase a single copy of ScanStudio Pro. This software will enhance the capabilities that we have for 3-D scanning. Estimated cost: \$800. (3-D scanner previously purchased with COE EFTF funds.)
2. Purchase a Dimension BST 768 3-D printer. Estimated cost: \$20,650, to be split between CALS and EFTF (COE). We are not guaranteed to receive the funds from COE, and we will not make this expenditure unless COE funds their portion. This device will allow us to move forward with plans to modernize our CAD/technical graphics courses by providing 3-D scanning, processing, and prototyping capabilities to an estimated 400 students a year (both CALS, and COE).
3. Upgrade printers in 119 and 201 I Ed II. These labs are both used as open labs and for CALS and COE classes. Estimated cost: \$4k
4. Replace projector in 201 I ED II. This is a heavily used room with a marginal projector. Estimated cost (including installation / security): \$3k.
5. Upgrade 15 computers in 10 IED II. These will be computers configured to interface with data acquisition boards for both engineering and technology instrumentation-related classes. Estimated cost: \$28k.

AGRICULTURE EDUCATION AND STUDIES

The AGEDS department maintains 3 computer labs and 2 teaching labs/classrooms for student use. The Curtiss Hall teaching lab (224 Curtiss) received a major technology upgrade in FY07. Technology was installed to capture student presentations to tape or DVD. Installed items included 2 video capture cameras, microphones, DVD/VCR recorder, presentation computer with Symposium monitor, large format LCD display monitors, and Elmo. This allows for student review of their presentations. Students in AGEDS 311 & 315 utilize this technology.

Computer labs received software upgrades for MS Office, SPSS, Antivirus, and other security software. Basic maintenance was performed on lab printers as well.

Expenses for FY07

Software purchases / upgrades	683.44
Expendable supplies	2974.99
Technology purchases / maintenance	18,528.06
Administrative fee	300.28
Security	161.07
Total FY07 Expenses	\$22,647.84
Total FY07 Allocations	\$23,939.12

FY08 Plans

FY08 plans center around the graduate computer lab. New workstations (10-12) will be purchased with current technology. These will replace workstations that are currently five plus years of age. Estimated cost \$15-\$20,000. Software purchase/renewal is estimated at \$2,000. Expendable supplies (paper/toner) are estimated at \$3,000.

Long-term plans include the AG450 computer lab and teaching lab technology upgrades in FY09 – estimated cost \$15-\$20,000.

We will continue to maintain a suitable cash reserve to cover any unplanned maintenance or equipment replacement.

AGRONOMY

Expenditures of student computer fees FY06/07

Student computer fees supported many areas of the Agronomy Department. Our open computer lab in G528 utilized funding to provide paper, toner, and ink for the printers, as well as supported a student lab monitor position for the evening hours during the semesters. We also purchased a new color laser printer for that room, which replaced an older color inkjet. Funding also provided each computer with a SAS license. We turned an almost unused classroom, room 1022, into a

very innovative and now highly used multimedia enabled classroom. We worked with classroom services and installed a new projector, projection screen, and multimedia rack to provide presenters with a similar setup that can be seen in other university classrooms. This room is now used just about every hour throughout the week and can accommodate about 30 people. A few miscellaneous items were purchased throughout the year as well. A couple classrooms received new computers and wireless microphones, and student fees funded half the cost of a projector for student checkout.

Planned Expenditures of student computer fees FY07/08

Student computer fees will continue to provide upkeep to currently provided resources for students. This includes expendable supplies for printers, repairs and upgrades for computer equipment, personnel, and software. Funding will also be directed towards the demand increase for multimedia classrooms and meeting rooms. Student computer fees funding is also considered when projects or needs involving students arise. This may include computers and equipment for classes, or the addition of equipment for general student use.

ANIMAL SCIENCE

FY07 Summary

Hardware expenditures (\$3,656.93) for the year were fairly minor. We purchased two digital Elmo document cameras for use in animal science classrooms to replace two older systems. Another hardware item was an external disk drive for use with our server. Software purchases (\$746.74) were limited to software needed to maintain the server. Our expendable supplies (-\$656.29) were actually a net gain for the year since considerable revenue came in from cost recovery for printing. Based upon the lower cost of print and student input, we decided to cut the cost for printing by more than half (from \$.05/page to \$.02/page). Network access for the two student computer labs for the year was \$546. We installed a theft protection device (\$539.79) on two classroom projectors that had been purchased during the previous year. Finally, we spent \$2,935.17 on computer lab monitors for security and lab maintenance.

FY08 Plans

Our departmental advisory committee met last spring and reviewed several minor proposals for the computer labs. We reduced the cost of print charges for students. We decided to replace the scanners in the computer lab. A TV and VCR/DVD were approved for purchase at the horse barn classroom. A video projector was approved for purchase for a meat lab classroom. A proposal was made to hire undergraduate students to improve communications about resources in the student computer labs. Another proposal was approved to embark on a pilot project for student video production. Finally, a proposal to purchase "Pegasus", ration formulation software for horses, was approved. Our long term plans are to replace all 43 computers in 1 and 124 Kildee during the summer of 2007-2008.

BBMB

2006-2007

Little was spent in FY07 due in large part to departmental transitions. Our former system support specialist left the first of the year, with a new support person coming on board some time thereafter. Consequently funds were not spent. However, in the current fiscal year plans are underway for laboratory upgrades.

2007-2008

There are eight computers (Intel Pentium®4 CPU 2.4 GHz) in the teaching lab (RM#1236) that are approaching the retired age by summer 2008. Those are computers with Cary50 instruments attached to perform spectrograph analysis for several BBMB courses (102, 311, 411, 542) and GDCB/EEOB workshops. We plan to not only replace the eight PC, but we will also add an additional PC to totally nine PC by summer 2008.

We also plan to replace four CRT monitors to LCD monitors in the computer lab (RM#1340) during this fiscal year. One PowerBook power adapter and one mini DVI adapter for the Mobile lab (RM# 1340) have to be added.

ECONOMICS

2006-2007

During FY07 our funds were used to purchase software, a maintenance kit, paper, and telecommunications access for the Economics Computer Lab. In addition, a portion of the funds were used to pay lab monitor wages that were in excess of the funds we receive from the LAS College.

Hourly lab monitors (salary & benefits)	\$2,793.22
Recurring Telecomm Service	228.00
Recurring Data Service	504.00
75 Ghost licenses and media kit (software)	1,580.50
Printer maintenance kit	374.89
Paper	396.68
Administrative Charges	49.49
Total Expenditures	\$5,926.78

2007-2008 Plan

During FY08 we are using approximately \$44,000 to purchase new computers for the Economics Computer Lab. We are using approximately \$7,000 to buy new high speed computers for the graduate student lab in Heady Hall. In addition, we will have additional expenses very similar to those spent during FY07.

ECOLOGY, EVOLUTION, and ORGANISMAL BIOLOGY

2006-2007 expenditures:

Linksys wireless routers were positioned on the first and second floors of Bessey Hall to provide improved public access to ISU networks.

MacBook computers were added to an existing mobile cart of computers that is used in various classrooms by a variety of EEOB and Biology courses. Additional memory was added to the machines to improve their performance.

An iMac computer, large external monitor, Nikon slide scanner, and slide feeder were acquired so that students and faculty can convert film slides to digital images for use in classes.

Miscellaneous cables and software for the slide scanning system and a replacement power supply for an existing MacBook were also purchased.

Planned 2007-2008 expenditures:

We will continue to upgrade wireless network access throughout the building, particularly in some of our highest-traffic areas and in student offices. We have developed a long-term plan for updating the collections of portable computers that are heavily used in our classes, particularly biology laboratory classes. In accordance with that plan, we plan to purchase 5-10 portable computers (plus additional memory) to augment our present collections.

FOOD SCIENCE HUMAN NUTRITION

2006/2007

CAC funds were used to purchase 2 multimedia projectors and 5 laptops for classroom instruction. These are housed in 220 MacKay and 2312 FSB and are available for checkout. A new version of ESHA Food Processor SQL was purchased. This software is installed on computers in computer labs in 1432 FSB, 108 MacKay, 209 and 210 MacKay and is used in multiple courses.

2007/2008

Currently the plan for the coming year is to continue to update and replace laptops and projectors for classroom instruction. Students have requested an extra wireless access point near the new location of the computer lab in FSB. We will be working with ITS to install it and pay for the monthly fees. Several

computers are also scheduled to be replaced in foods classrooms in MacKay as well as continuing our nutrition software licenses in the computer labs.

GDCB

2006/07

1. Computers purchased for Barbara Krumhardt (\$1703.25) and Claudia Lemper (\$1045.31). Barbara is a CALS Lecturer that teaches the very large Human Anatomy and Physiology courses (Biol 255 & 256), as well as coordinating 20 sections of lab, and teaching 2 lab sections, each semester. Claudia coordinates the second year core biology labs (Biol 313L/314L).

2007/08 Plan

We don't have a specific plan for the coming year. We have recently replaced most of the computers in our major, high enrollment courses and are tentatively planning to accumulate some funds in anticipation of new courses under development for our new undergraduate BCBio (Bioinformatics & Computational Biology) major. The new major began accepting students in fall 2007, although we have only one major (an internal transfer) so far. We expect the new courses should become available for the 2008/2009 academic year. We are not certain what the hardware/software needs will be for these new courses.

HORTICULTURE

How CAC Fees Were Used in FY07

We purchased software licenses and other upgrades for student computers: We expanded our computer and software resources for students using the department's ePortfolio training and resource center, located in 109 Horticulture Hall.

We made portable computer equipment (stored in 106C Horticulture Hall) available to students.

We purchased extended warranties for servers used by students, so that the useful life and functionality of this technology could be extended.

Many computer systems in the department's computer labs and student areas are older than three years, and replacement/repair parts for these computers and peripherals are consuming more of the CAC budget each year. We are purchasing hardware upgrades, such as RAM, and replacing motherboard batteries to extend the useful life and functionality of these computer systems, but eventually we will need to replace these older computer systems.

We provided free printing services to all students using computers in 156 Horticulture Hall.

How CAC Fees Will Be Used in FY08

The Department of Horticulture remains committed to providing free printing services to all students using computers in 156 Horticulture Hall.

We plan to purchase new software licenses for student computers. We plan on paying for license renewals for essential software, such as Symantec Ghost and Centurian Technologies Cornerstone.

We will continue to purchase hardware upgrades, such as RAM, and to replace motherboard batteries to extend the useful life and functionality of the department's older student computer systems.

The department will submit a Central Pool grant application to fund the replacement of thirty older computer systems used by students in Horticulture Hall

MICROBIOLOGY

During the period of July 2006- June 2007, computer fees were spent on items to benefit graduate students, undergraduate students in the laboratory classes, and teaching faculty. For the graduate students we continued the licensing of SAS, a computer program for students taking statistics, and purchased a network license for SigmaPlot to enhance student presentations for their seminar classes. Total soft-ware costs: \$2,674.

The up-grade to the undergraduate student laboratory included a new Elmo and LCD panels for display of real-time laboratory techniques in laboratory classes that continue to grow. In addition, we upgraded the computer system along with a touch screen pad for improved slide presentations. The set up of the laboratory requires that 2 screens be used to display the laboratory techniques and power point presentations. Use of the touch screen pad allows for pointing and emphasis to be made directly on both screens at the same time. The total hardware costs for the laboratory up-grade was \$12,646.16 which benefits 350-380 undergraduate students annually.

The last major item purchased was a Toshiba tablet notebook for use by a senior lecturer in the microbiology program who teaches 2 required classes in the undergraduate program. The tablet notebook allows for the instructor to enhance his power point presentations by drawing directly on the power point as he is talking and emphasizing the various aspects of a figure or writing lecture material on the screen. This allows the computer and projector to be used as an interactive white board that can be saved and uploaded to WebCT. The total for this computer was \$2,635.54.

Although, the Microbiology Program did not formulate an internal committee of faculty and students to approve of these purchases before they were made, a post-hoc committee of 3 undergraduates, one graduate student and 3 faculty evaluated the utility of the purchases. There was a consensus that all the purchases have enhanced the teaching efforts and learning of students at all levels of microbiology education and were appropriate needs for the past year.

Plans for FY 08

- We plan to continue our network license for SAS, a computer software programs used regularly by graduate students in their statistics class.

- We plan on upgrading the computers, printers and scanners in our teaching lab in room 205 Science 1. Towards that end we have conducted a computer use survey of students taking Microbiology classes during the Spring 2007.

NATURAL RESOURCE AND ECOLOGY MANAGEMENT

FY 2007 Expenditures

NREM student computer fees were used primarily for the purchase and maintenance of student computer equipment during FY2007. Of the approximately \$22,540 spent in this area, \$20,150 went to the purchase of student computers and the remainder, \$2400 was spent on new and current licenses, miscellaneous hardware and consumables.

Expected FY 2008 Expenditures

During FY 2008, approximately the same amount of funds will be used to support computer software purchase and licensing fees. A portion of the funds will be used for routine maintenance of existing student computers and printers, and we anticipate that the remainder of the funds will be used to replace aging desktops computers in the NREM undergrad and graduate computer labs.

PLANT PATHOLOGY

2006/07

1. Funding and maintenance of graduate student computer lab including printing services and SAS licensing.

2007/08

1. Continued funding of graduate student lab and SAS software for graduate students.
2. Purchase of two new computers for graduate student lab.
3. Payment of charges for Ethernet service to graduate student lab.
4. Student computer advisory committee is still discussing additional purchases.

SOCIOLOGY

FY 2007 Expenditure Narrative:

Funding was used primarily to support the 409 East Hall Graduate Lab and the 64/68 Heady Hall Computer Lab. Expenditures were used for printing and maintenance costs. These include installation, maintenance and technical support (\$208.66). We continued support for "free" printing in the Grad Lab; printing supplies for the 409 East Lab were purchased using AGCAC funds in the form of toner cartridges and paper (\$3,806.53). All other expenditures were related to software purchases and maintenance (\$2,155.00).

Future Plans Narrative:

Future funds will serve five main purposes in the next fiscal year. One, we will maintain the policy of providing “free” printing in our 409 Graduate Lab. In past years the department has provided some funding to maintain this “free” status, primarily in the form of paper purchases. With the advent of increased printing in the 409 Graduate Lab the department will, in the future, shift these costs to CAC funds.

Secondly we’ll continue using a portion of our funds to provide technical support for Sociology’s 409 Graduate Lab and the 64/68 Heady Hall computer labs. Third, we will purchase maintenance for software licenses in 409 East Hall, and 64/68 Heady Hall labs that we share with Economics.

The two other, non-traditional, financial outlays for this next year are adding new software packages to the 409 East and 64 Heady labs. We will also be replacing the computers in our Soc Central help room. Soc Central provides general teaching assistance for our introductory survey course, Soc134, which services nearly 1,000 students per semester.