Use of student computer fees: 2002 - 2003

The use of student computer fees for last year accomplished the following for the department:

1. Partial Funding of the department’s computer support personnel, and his work in the departmental student computer labs.
2. Purchase of a printer for one of our student computer labs (125D Davidson).
3. Partial funding of the Autodesk software. Utilized by AST students taking AST 215 and AE 271. Software for use by our students in the departmental computer labs.

Anticipated plans for using fees in fiscal year 2003-2004

1. Continue Partial Funding of the department’s computer support personnel.
2. Continue Partial Funding of the department’s Autodesk software fee. This software is used in the instruction of AST 215.
3. Purchase of paper, toner, etc. for the student computer labs in Davidson Hall.
4. The purchase of 1 or 2 Video projectors for use by students and for teaching related activities in the department.

Any additional funds would be used for maintenance of items purchased with student fees, or saved to purchase larger items for the student computer labs (i.e. computers, software).

Ag Education and Studies

AGEDS – Student Funds – (July 02 – June 03)

The bulk of student computer fees ($32,593.70) were spent on hardware purchases, maintenance, or upgrades for existing student computers. This takes into account the replacement of the undergraduate public 206 Lab in August ’02 ($11,550.00 – College Grant / $6,229.10 – Student Funds). Ten Dell workstations with flat panel monitors were purchased. The existing P2-400 & P3-350 systems were moved to the 220 Lab for use by graduate students or to the Ag450 Farm Lab for use by the Ag450 Class. The 220 Lab was replaced this summer ($10,243 – Student Funds). The number of systems has been reduced to six systems.

The older systems from the 220 Lab have been moved to other support roles for students. Three of the better systems will replace the old P133 Norton Corporate Antivirus Server and allow for a backup Antivirus Server for the 206 & 220 Labs and a new Antivirus Server for the Ag450 Lab. One has become a Windows Update Server to test the
feasibility of providing Windows updates in-house to Student Labs. Another will replace the P2 backup server for student files. Those not suitable to keep have been sent to surplus (P2 cpu’s). A couple will be placed in storage for parts. The balance of the hardware funds were used for maintenance and upgrades (hard drive replacements, zip drive replacements, memory upgrades, fan replacement, hub replacements). Software maintenance/upgrading consumed $1,183.91. This covered a one year extension of the student Norton Corporate Licenses for all three labs and other software upgrades. Expendable supplies consumed $49.50.

Plans for AGEDS Student Funds 2003-2004

Currently the AgEdS department covers the majority of expendable supplies (paper & toner) and connection fees for all Labs. This trend may change this fiscal year. Future plans include:

1. Printer replacements
2. Software license upgrades (Norton Corporate Antivirus, Backup Software)
3. Possible additional systems to finish the 220 lab (2-4 systems)
4. Possible server(s) hardware & software replacement (depends on available $$)

Maintaining a suitable reserve for repairs, maintenance, expendable supplies

Agronomy

Student computer fees will be utilized in 2003-2004 in the same manner as they were for 2002-2003. They will be used to partially pay the salary and benefits of a lab monitor.

We neither requested or received a special college grant for FY04.

Student computer fees utilization for 2002

Resources we have purchased for G528 and Agronomy:

1. Adobe Acrobat software for all the computers in the G528 computer lab.
2. SAS software
3. Color printer for student printing of images, etc…
4. Printer supplies (paper and toner)
5. Netgear 16 port 10/10 switch
6. Hp flatbed and slide scanner for G528 and room 1010
7. New Dell computers for G528 and room 1010 for students to scan with
8. Printing software
9. Student employee payroll and benefits
10. LCD projector and laptop for students to check out
Short report of our anticipated plans for using the fees in fiscal year 2002-2003

We will be purchasing toner, paper and printer supplies for the computer lab. Would like to purchase two LCD projectors, one each for room 1581 and G217 for when students have to give a presentation or teach class. We would like to purchase computers for rooms 1022, 1581 and G217 as these three rooms are used a lot for classes and presentation put on by students, we believe the students would benefit from this purchase. We may need to upgrade some computers in the computer lab G528. We will be upgrading SAS software. If possible, we would like to purchase new chairs for computer lab as the current chairs are falling apart.

Animal Science

Expenditure for 2002-2003 year

A college grant was received in 2001 but the expenditures did not clear until July of 2002 for a new server. The server provides increased disk space to support the software used by the 43 computers located in our two student computer labs. The college grant was for $4,638.26 and the department share was for $1,146.74.

We had a number of expenses associated with maintaining our two computer labs. We increased the memory in 28 computers located in 1 Kildee from 128Mb to 256Mb in the summer of 2002 ($897). We hired work study students ($1,715.01) to provide routine maintenance and security for our computer labs in the evening. Computer and printer repairs accounted for $618. We renewed our license for “Starnet” ($1,147) to allow graphical access to other computer systems on campus. We renewed and updated our license to “Sassafrass” ($735) that allows the use of concurrent licenses in the student labs. We purchased “Ghost” software ($684) to help with the imaging of the software in the labs. We purchased “Centurian Guard” units ($2,863.39) to help maintain the integrity of the software installed on lab machines. We enhanced what we call our two AV computers by purchasing “Ulead” and “Camtasia” software ($391.98) and purchased hardware accessories for firewire drives and “Dazzle” video conversion ($967.32).

Each year, a committee in the department composed of half students and half faculty make recommendations on student computer fee use. One recommendation this year was to contribute $1,000 to the purchase of 8 digital cameras that will be used by undergraduate students in their Animal Science classes. The other recommendation was to replace the computers located in room 1. Fifteen new Dell computers were purchased in June for a cost of $25,365.90.
Anticipated Expenditures for 2003-2004 year

The computers in room 1 Kildee are reaching the end of their life cycle. Our intent will be to seek input from our departmental committee on what should be done. We will probably replace these 30 computers but will explore other options for providing computer access to students. Printers in the student computer labs are getting to the age that they may need to be replaced. We will explore options for hardware with the students on our advisory committee. We will also explore other computer related technologies with our advisory committee including software purchase and development. We have talked about the need for upgrading video projection in one lab and establishing a video projection system in the other lab. We are continuing to hire work-study students as lab monitors. Finally, we will undoubtedly need to purchase some additional software upgrades and hardware repairs during the year.

Economics

All of our funds were used exclusively to provide telecommunications access and supplies (paper, toner, etc) for our student computer lab.

The funds we receive for FY04 will be used for virtually the same types of items. We will also use additional funds provided to purchase new computers for the lab.

Entomology

Request #2: How we used student computer fees last year:

We used student computer fees to maintain and upgrade our student computing laboratory and teaching laboratory. Purchases included paper and toner for the printer in the student computing lab, a digital camera for student use, and software for acquisition of video from the microscope in the teaching laboratory. SAS licenses were maintained and both laboratories were upgraded to 100bt ethernet.

Request #3: Plans to use funds in next year:

We plan to use funds from student computer fees to maintain and expand the software
and hardware in our student computing laboratory and to purchase a new scanner and software for image analysis.

We received a college grant to enable students to collect digital video of insect behavior in the field and process it in the computing laboratory. We plan to purchase a digital video camera, tripod, software and hardware with the grant.

**FSHN**

We had purchased two laptops to replace the existing old ones. They are being used by the faculty for teaching food science and human nutrition courses. We had also renewed ESHA Research license for 5 computers for food labeling software to use it in product development class. No special college grant was received last year.

We will be using the next year funds to assist with the renovation of the food labs/conference room located in MacKay. We will be purchasing 4-5 computers, one color printer, 2 ceiling projectors and 1 DVD/VHS player. These will be used only for classroom activities. No special college grant was obtained.

**Horticulture**

Last fiscal year, we spent student computer fees to upgrade existing student computer hardware, purchase additional student computer systems and continued to provide “free” printing services to students.

Our plans for fiscal year 2003-2004 include: Purchase OS X operating system licenses for our student computers, continue “free” printing for students, upgrade existing software versions on student computers, purchase additional software licenses for new computer systems in the public student computing labs, upgrade several existing student computer systems, replace defective/damaged/inoperative computer hardware in the public student computing labs, purchase several additional PCs for the public student computing labs, and hiring student labor for the public student computing labs to provide assistance with student computing needs in those locations.
**NREM**

Student computer fees allocated to NREM were used to support student computing activities in the department. Hardware purchases during the year included 3 desk jet printers for use by students involved in the forestry fall camp, a LaserJet printer used primarily by undergraduate students using the overflow computer lab in 240 Bessey, and 4 computers used to upgrade facilities in 227 and 240 Bessey. Those computers are available to both undergraduate and graduate students, but are used primarily by undergraduate students. Other purchases throughout the year provided lesser hardware upgrades and software support for machines in 227 and 240 Bessey.

Plans for the 2003-2004 year call for continuing support and upgrade of Natural Resource Ecology and Management student computer facilities in both Bessey and Science II. A portion of the funds allocated to the department will be used for software support and upgrade and a portion will be used for hardware upgrades. As the former Forestry and Animal Ecology departments continue to work to move all office and classroom space to Science II, we will be consolidating student computer facilities.

The department also received a CAC grant for the purchase of laptop computers, storage cabinets and wireless access points. Those funds along with departmental funds will be used to develop a suite of 36 laptop computers in mobile storage carts that can be moved from classroom to classroom. The intent is to provide computing support for classroom settings that isn’t possible with many of the fixed location computer labs.

**Sociology**

Please provide a short narrative (about two paragraphs) describing how you used student computer fees last year. If you received a special college grant, please include a description about the use of those funds as well.

The department operates a computer lab with 11 work stations. This room is heavily used for teaching. This semester alone the lab has been reserved on more than 15 different occasions. Three different classes reserved the room for direct instruction that involves the computer in analyzing data. An example would be Dr. Pat Keith's Soc 302 Advanced Research Methods class.

To accommodate these classes we have lab hours from 8:00am to 5:00pm Monday through Friday. This monitoring requires a graduates student versed with this specialized software so that they can assist others with assigned course work. The student computer fees from the general fund were used to pay the salary of this graduate student.
Our special college grant was used to purchase a wireless access point for our third floor computer lab so that students could more fully utilize the campus network infrastructure. We also upgraded and increased the licenses for our qualitative data analysis package NVivo.