

IOWA STATE UNIVERSITY

College of Veterinary Medicine

Computer Library and Information Management Committee CAC Expenditures FY 08-09

SECTION A.

Previous (Carry over) Balance	\$14505.03
Income	
College Pool Allocation	\$104805.66
Total Income	\$119310.69

Expenditure Categories

Student Access to Network	\$14995.90
Hardware	\$20895.92
Maintenance	\$9902.46
Expendable Supplies	\$32933.48
Software	\$3088.35
Security and Protection	\$603.00
Hazardous Material Surcharge	\$242.34

Total Expenditures	\$82661.45
Balance Carried Forward	\$36649.24

SECTION B

Carry-Forward Funds

The College of Veterinary Medicine has had a mobile computer initiative for the last five years, where all students are required to purchase and use laptop tablet PC computers for classroom instruction and coursework. A significant amount of student computer fees are used to support this initiative. Most of the expenses are recurring, for example, wireless access charges and network connections. In addition, IT services maintain a pool of loaner computers (1 per 10 student computers) to assist students when they have problems that cannot be solved quickly. Printing costs have not declined from previous years. Due to the recurring nature of the costs involved and the increasing demand for services, it is not likely that there will be any significant amount of excess funds at the end of each year, since a new group of loaner computers will be required to replace ones that are becoming outdated, and we are now maintaining a loaner clicker system that will need to be upgraded periodically.

SECTION C See Table

veterinary medicine college pool expenditures FY 09

	Department	Location	For Use By	Item	Unit Price	#	Total	
A.	SOFTWARE PURCHASES							3,088.35
12/4/2008				Software Shelf Int'l			322.75	
6/24/2009				Bookstore-Symantec Ghost Solution			765.60	
6/9/2009				CDW-licensing			2,000.00	
B.	SOFTWARE MAINTENANCE/UPGRADING							9,902.46
8/21/2008				IT Services			448.00	
9/19/2008				IT Services			1,092.00	
10/21/2008				IT Services-supplies			256.35	
12/19/2008				IT Service-repair printer			577.08	
1/7/2009				IT Service			84.00	
2/19/2009				IT Service			672.00	
3/19/2009				IT Service-repairs			505.18	
4/21/2009				IT Service-repairs			175.85	
4/21/2009				IT Service			700.00	
5/21/2009				IT Service			28.00	
6/19/2009				IT Service			364.00	
6/5/2009				Di Terlizzi Roberta-creating links to ebooks			5,000.00	
C.	PERSONNEL							0.00
D.	EXPENDABLE SUPPLIES							32,933.48
7/25/2008				bookstore-batteries & supplies			1,490.55	
8/5/2008				DKC*DIGI Key Corp-lithium battery			65.10	
8/22/2008				Central Stores-paper			1,449.72	
8/29/2008				Crucial-240 pin DIMM			95.99	
10/23/2008				Color Printouts			-20.00	
10/7/2008				Office Max-toners			2,350.57	
10/21/2008				CDW-fujitsu adapter			90.02	
11/20/2008				Bookstore-windows			89.00	
11/18/2008				Office Max-toners			1,112.24	
12/5/2008				Central Stores-paper			1,477.56	
12/9/2008				Office Max-toners			1,506.28	
1/7/2009				Open Tech-server & support			3,274.69	
1/6/2009				Office Max-toners			1,760.40	
1/30/2009				Diamond Vogel-paint			23.00	
2/24/2009				Office Max-toners			1,944.64	
3/13/2009				Central Stores-paper			1,422.32	
3/17/2009				Office Max-toners			1,594.10	
3/24/2009				CDW-switch			99.18	
4/2/2009				CDW-electronic care pack			1,800.00	
4/7/2009				Office Max-toners			2,732.05	
5/12/2009				Office Max-toners			1,749.32	
6/8/2009				Open Tech-expansion tray, sun storedge rack and installation			6,826.75	

E.	HARDWARE PURCHASE, MAINTENANCE, REPLACEMENT, AND UPGRADING		20,895.92
3/27/2009	CDW-4 printers	7,664.36	
6/4/2009	CDW-Fujitsu laptops	13,231.56	
F.	Admin Fee		
G.	Hazardous Material Charges		242.34
7/25/2008	Hazardous Material Charges	12.69	
8/29/2008	Hazardous Material Charges	1.68	
10/21/2008	Hazardous Material Charges	3.80	
12/19/2008	Hazardous Material Charges	7.83	
1/7/2009	Hazardous Material Charges	57.31	
1/30/2009	Hazardous Material Charges	1.15	
3/19/2009	Hazardous Material Charges	4.52	
4/21/2009	Hazardous Material Charges	2.39	
4/2/2009	Hazardous Material Charges	31.50	
6/8/2009	Hazardous Material Charges	119.47	
H.	STUDENT ACCESS TO NETWORK		14,995.90
7/24/2008	recurring service data	1,166.00	
7/24/2008	recurring service phone	19.00	
8/22/2008	recurring service data	1,166.00	
8/22/2008	recurring service phone	19.00	
9/23/2008	recurring service data	1,175.81	
9/23/2008	recurring service phone	19.00	
9/23/2008	nonrecurring service charge	50.00	
10/24/2008	recurring service data	1,178.00	
10/24/2008	recurring service phone	19.00	
11/19/2008	recurring service data	1,274.00	
11/19/2008	recurring service phone	19.00	
12/19/2008	recurring service data	1,300.15	
12/19/2008	recurring service phone	19.00	
12/19/2008	nonrecurring service charge	50.00	
1/23/2008	recurring service data	1,306.00	
1/23/2008	recurring service phone	19.00	
2/20/2009	recurring service data	1,306.00	
2/20/2009	recurring service phone	19.00	
3/24/2009	recurring service data	1,306.00	
3/24/2009	recurring service phone	19.00	
4/24/2009	recurring service data	1,306.00	
4/24/2009	recurring service phone	19.00	
5/21/2009	recurring service data	1,301.94	
5/21/2009	recurring service phone	19.00	
6/22/2009	recurring service data	882.00	
6/22/2009	recurring service phone	19.00	
I.	SECURITY		603.00
3/23/2009	Risk Management-computer insurance	603.00	
	Total Expenditures	82,661.45	82,661.45

SECTION D

Central Pool monies allocated to the College are distributed through the CLIM (Computation, Library, and Information Management) Committee. The Committee meets monthly each semester or as needed, and proposed expenditures for student fee monies are brought to the CLIM Committee for discussion and approval. The Committee has 2 student representatives from each of the 4 classes, so the total representation is equal to the faculty and staff numbers on the Committee. As the need for replacing computers in the labs declines, students have seen the value in and supported other teaching technologies, as well as the needed infrastructure to make them work. For example, students supported the purchase of the Turning Point clicker response system for use in the classrooms, and this year, funds were used to provide each student with a loaner personal response system (Turning Point Clicker) for use in class in the first 3 years of the curriculum. This system has been successful in increasing student participation and interaction in class.

Students have also supported the purchase of servers for delivering streaming videos and hosting the ECHO classroom capture system used in the College. The ECHO system captures the entire classroom experience: audio, video, and PowerPoint slides for student review on their laptop or iPod. This year CLIM approved the purchase of a server for ECHO capture processing to better serve the conversion of audio/video captures of the classroom experience to our Flash server. Classroom capture is heavily used in all 3 years of the preclinical curriculum. The old server was unable to keep up with demand, requiring a new server strictly to handle video processing.

It is anticipated that future allocated funds will be spent on similar new technologies and continued upgrade and support of the College's wireless network. In fact the wireless network was significantly expanded this year to cover the remaining classrooms and the new conference rooms in the newly built Lloyd Veterinary Medical Center.

Even though most class materials are available electronically, a number of students will still print out class notes, so there is a heavy demand placed on printers, and a large quantity of paper and toner is used each semester. This year, CLIM purchased four new printers, at a cost of \$9,464 to meet the increasing student demands.

CAC monies also are used to support a student computer loaner pool. If a student is having problems with their laptop, they can check out a loaner from the College's IT group while their computer is being fixed. Finally, students have supported the purchase of flat screen TV's and digital movie cameras for displaying demonstrations in anatomy and clinical skills labs and for viewing surgery in the clinics.

CLIM had adequate resources to allow small grant proposals to be submitted to CLIM for approval, as long as the proposals supported the student initiative. Three proposals were submitted this past year:

Just-in-Time Learning in Veterinary Clinical Pathology at the ISU CVM using an E-Textbook and Support for the Continued Development of the Diagnostic Pathfinder:

The proposal asked for \$8,600 to support the continued development of the project and a new laptop computer. CLIM supported \$5,000 of the just-in-time learning proposal. These funds covered 100 hours of development time to support the Diagnostic Pathfinder System.

Support student funded storage, servers and workstations:

The proposal asked for \$22,401 to improve server space and add more computers to the Lloyd Teaching Hospital. CLIM funded \$14,715.20 for a student-supported server and new computers to be made available to students in the teaching hospital.

Sans space	1	\$6,760.20
Sunray workstation	15	\$124.50
Keyboard and Mouse	15	\$20.00
Sunray Software Lic.	15	\$20.00
Server	1	\$3,487.50
VM Software	1	\$2,000.00
TOTAL		\$14,715.20