

Student Technology Fee

Grant Proposal

2008.017

2007-08

1) network
standalone
2) wiring
3) printers - why 2?

Dr. Jim McCrory

Approved

Denied

Comment: _____

Diana Hamilton

Approved

Denied

Comment: _____

Gary Gatch

Approved

Denied

Comment: _____

Mike McDonald

Approved

Denied

Comment: _____

Dale Martin

Approved

Denied

Comment: *wing* _____

Student Technology Fee
Funding Proposal Request From
Fiscal Year 2007-08
Northwestern State University of Louisiana

FF

2008.017

1 2H.

Prepared by: Brenda R. Woodard For: Veterinary Technology Program

Department/Unit: Biological Sciences College: Science and Technology Campus: Natchitoches

Which NSTEP Goals/Objectives does this project meet? 1 and 3

Requested equipment will be located/installed/housed? Building 090, Biennu Hall Room 230

Are department property policies and procedures in place for requested equipment? Yes

Which individual will be responsible for property control of the requested equipment? Dept. Chair

Signature: Brenda R Woodard Date: 10/26/2007

Grant Proposal Requested Amount: \$30,910 Budget Attached (circle one): YES/NO

Grant delivered to Student Technology located in Watson Library, Room 113. Date: 10/31/2007

This grant proposal must include all specifications, description, model number, quotation, cost, state contract number, and vendor for each item. Proposal will be returned if information is not included in full.

1. Describe target audience.

Students enrolled in VTEC 2191 (Veterinary Hospital Technology I Laboratory) and VTEC 2101 (Veterinary Parasitology Laboratory) will benefit directly. Current enrollments (fall 2007) are 22 and 24 students respectively; the laboratory will seat 24 students. All veterinary technology students (numbering 77 for last academic year) and some biology major students enroll in these laboratories. Veterinary technology graduates become Registered Veterinary Technicians after passing a national board examination, and work primarily as animal nurses.

2. Describe project/initiative for which you are requesting funds.

When our students graduate as veterinary technicians and move into the workforce, we want them to be experienced in the latest technology, which is used in the best veterinary practices.

Funds are requested to upgrade laboratory equipment/technology to modern standards.

Specifically, the current state-of-the-art in veterinary hospital laboratories allows linking diagnostic patient sample analyzers (hematology, electrolyte, blood gas, serum chemistry, urinalysis, thyroid, liver, and cortisol screening) to a computer to allow one single point of input for all lab equipment, and the laboratory results to be sent directly to patient records maintained electronically. We are requesting the laboratory equipment package and the computer system to provide this experience for our students.

Additionally, we are requesting laboratory centrifuges necessary to perform parasitology analyses by methods recently proven to be the most accurate for veterinary specimens. Centrifuges currently in use do not allow us to teach this method, because the tube holders are not vertical at rest. We are requesting capability for 24 students to run a patient sample simultaneously.

3. State measurable objectives that will be used to determine the impact/effectiveness of the project.

- a. The IDEXX laboratory analyzer, computer, and centrifuges will be installed.
- b. Students will be instructed in the use of this equipment.
- c. Course syllabi will be updated to reflect the use of this equipment.

4. Indicate how each objective will be evaluated.

- a. The laboratory will be inspected to insure that the requested equipment was properly installed and utilized in the course.
- b. The syllabi will be inspected and compared to the existing syllabi to insure that patient diagnostic sampling techniques have been updated and implemented in the courses.

5. If funded, which NSTEP <http://www.nsula.edu/nstep/NSTEP.pdf> objective(s) will this funding of this project advance? How will funding of the project advance the University and College/Unit technology plan?

- a. This project should help advance the following NSTEP objectives.
 1. *To improve access to technology by students, faculty, and staff at Northwestern State University.* Specifically, to expose students to modern laboratory equipment, train them on their use, and give them basic experimental skills required in post-graduate careers.
 2. *To upgrade student technology laboratories with modern technology.* Specifically, to use modern instruments that are appropriate in complexity for veterinary technology students.
- b. Implementation of this project will help advance three critical objectives of the College of Science and Technology and NSU at large:
 - i. Attract and recruit and retain veterinary technology students.
Many veterinary technology students are attracted to the profession and the program because they have worked as veterinary assistants in the veterinary hospital setting.

Well equipped laboratories are essential to this process, especially since some of these students have worked in a modernly equipped hospital, and have high expectations of education.

- ii. Increase excellence in academic program.
Improving the student experience in these laboratories by providing the best equipment available will certainly increase excellence.
- iii. To strengthen national recognition of academic programs at NSU.
The Veterinary Technology Program is nationally accredited by the American Veterinary Medical Association. Maintaining student experiences with modern laboratory equipment is required; providing student access to this equipment should be viewed favorably during our next site visit (2009).

6. Provide a justification for funding the project. Estimate the number of students that will be served per academic year and in what ways. Please indicate also any unique needs of the target group.

All students majoring in Veterinary Technology will enroll in these laboratories prior to graduation. Each academic year, approximately 45-75 students will enroll in VTEC 2191 or 2101. Student education in the use of this equipment will enhance their employment opportunities and their experiences in the workforce. Training veterinary technicians requires the use of specialized equipment similar to what they will find in the workplace.

7. List those individuals who will be responsible for the implementation of the project/initiative and indicate their demonstrated abilities to accomplish the objectives of the project?

Dr. Brenda Woodard will be responsible for the implementation of this project. She has been a veterinarian almost 25 years, and has taught veterinary technology students for almost 20 years. Additionally, she works part-time in a small animal hospital that employs six graduates of NSU's Veterinary Technology program. That hospital is equipped with the diagnostic capabilities sought with this funding. Dr. Woodard has the insight and experience to know how important this project is for the education of veterinary technicians, and will fully implement the project.

8. Describe any personnel (technical or otherwise) required to support the project/initiative.

None, other than Dr. Woodard.

9. Provide a schedule for implementation and evaluation.

We have current price quotes for all equipment, and it may be purchased as soon as funding is available. All equipment should be installed within eight weeks of order (allowing time for the purchasing process).

The laboratories fully utilizing the equipment are offered as fall semester laboratories, though the equipment will be used for pre-surgical screening of veterinary patients in the spring of 2008, by students enrolled in VTEC 2201. Fall semester syllabi will reflect instruction in the use of the new equipment.

10. Estimate the expected life of hardware and software. Explain any anticipated equipment/software upgrades during the next five years.

The hardware should last significantly longer than five years. However, given the pace at which technology is advancing, a lifespan of five years is more realistic. No upgrades would likely be needed before that time. Software upgrades for the laboratory equipment are provided by the vendor at no additional cost.

11. Explain in detail a plan and policy that will be in place to ensure property security/controls for any equipment received through a Student Tech Fee grant.

All laboratories in Bienvenu Hall are kept locked when they are not in use. Instruments are also put away in storage unless they are required for a particular lab.

Attach two (2) letters of support for the project from the following individuals: the requesting department's Dean, the appropriate Vice President (for non-academic units), or the SGA President from the requesting campus (for student requests).

Student Technology Fee Grant Proposal Checklist:

Yes Is all information requested provided (items 1 – 11)?

Yes Is a detailed budget attached?

Yes Are all specifications, description, model number, quotation, cost, state contract number, and vendor provided for each item?

Yes Are your two (2) letters of support attached?

N/A If equipment is to be checked-out/loaned, is your policy attached?

Detailed Budget:

See attached quotes

Veterinary Technology Laboratory
Room 230, Bienvenu Hall

Vendor	Equipment	Price
IDEXX	IDEXX Clinical Pathology Analyzers Package (see attached description/quote)	\$22,500
Vetlab Supply, Inc.	Unico PowerSpin MX Centrifuge (4) @ \$1,750 each	7,000
Dell	Desktop Computer	1,150
Software House International	Microsoft Office License	60
Hewlett Packard	Color InkJet Printer (incl. cables)	200 ?
Total		\$30,910

Vendor Information:**IDEXX**

One IDEXX Dr.
 Westbrook, ME 04092
 1-800-548-6733

Vetlab Supply, Inc.

18131 SW 98th Ct
 Palmetto Bay, FL 33157
 1-800-330-1522

Dell Inc., State Contract**Software House International, State Contract****Hewlett Packard Co., State Contract****Justification**

1. The IDEXX Clinical Pathology Analyzer Package includes capabilities for modern measure of multiple patient parameters, offered at a significant educational discount (over \$12,000 below list price). Each veterinary technology student completing their education at NSU will be fully prepared to use this equipment in the veterinary hospital setting to perform complete blood counts, serum chemistry analysis, urinalysis, and other routine diagnostic tests. The graduate will be more marketable with these skills.
2. The centrifuges are necessary to teach the student to perform fecal parasite testing by the centrifugation method. This method has recently been recommended by the Companion Animal Parasite Council as the new standard, and our laboratory currently has no centrifuges which can be used for this technique. We are requesting four centrifuges to allow a course enrollment of 24 students to run their samples simultaneously (six samples/centrifuge).
3. The computer with installed Microsoft Office software and the printer will be linked to the Analyzer package equipment for record keeping and printing of results.

Exclusive Proposal for Northwest University

	List Price	Northwest Proposal
Laserocyte Hematology Analyzer: Reference Lab Quality Results- Laserflow Cytometry, A True Five Part Differential, Absolute Reticulocyte Count, Accurate platelet count, No daily maintenance or user calibration, smallest sample size, no sample prep, user friendly, no hidden costs, \$4.55 test	\$ 17,495.00	\$ 14,870.00
VetLab Station Client Value Added Services: Parameter trending capabilities, Illustrated diagnostic or treatment progression printouts, interpretive information and helpful video guides, comprehensive record of each patients diagnostic history, information consolidation, flexible testing capabilities <ul style="list-style-type: none"> ▪ Ability to add snap test results onto the patient record ▪ Snap timers included on the touchscreen ▪ Ability to download all results electronically into cornerstone (including UA and snap) ▪ Previous patient results printed next to current results on patient report for quick reference ▪ One single point of input for all lab equipment ▪ Eliminated re input of client information - system stores 30,000 plus patients ▪ Coming later 2007 patient information may be sent directly from cornerstone to the vetlab station eliminating the duplication of patient information ▪ Reduced missed charges by connecting all diagnostic lab components ▪ Allows the staff to run chemistries on animal a and a cbc on animal b at the same time no longer tying up the whole system just to run a glucose ▪ Allows for trending of results, staff tutorials, and diagnostic reference tools 	\$ 3,995.00	Included
IDEXX VetStat Electrolyte & Blood Gas Analyzer: Allows for electrolytes & blood gasses to be run in less than 2 minutes, with 200 ml of whole blood sample, with species specific reference ranges on the printout as well as extended battery life and small package size room temperature cassettes	\$ 4,695.00	\$ 3,990.00
Vettest Chemistry Analyzer: Flexible Testing Capabilities: single slide testing allowing flexible testing capabilities create your own own profile or recheck with a single, results in 6 minutes, Urine Protein Creatnine Ratio results in 12 minutes in clinic. Ability to filter out interfering substances through dry slide technology - the gold standard for in-clinic chemistry. ***product offer to be determined upon availability at time of contract submittal***	\$ 5,295.00	Included
IDEXX UA Analyzer: NEW to the IDEXX Suite, this analyzer connects into your Vetlab Station allowing for the automation of UA test strip results allowing for consistent automated readings, taking into account color and clarity of sample, storage and trending of results	\$ 895.00	\$ 450.00
Total T4, Cortisol & Bile Acids: The ability to screen in clinic in 15 minutes, with economical prices will allow you to diagnose, treat and monitor more diseases more efficiently and economic	\$ 3,195.00	\$ 2,716.00
HP Color Printer:	\$ 200.00	\$ 200.00
Value Added Reduction: Guaranteed 15% Rebate on all IDEXX consumables		
IDEXX Total Package - No one can bring more value to your practice than IDEXX.	<u>\$ 35,770.00</u>	<u>\$ 22,226.00</u> ✓

Offer Expires: November 15,2007; Equipment must be installed by December 20, 2007



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Put a New Spin on Fecal Testing

Fecal testing by the centrifugation method (See procedure) is now considered the gold standard by parasitologists and the Companion Animal Parasite Council. With its clean looks and quiet operation, the Powerspin MX swinging arm ("swinging bucket") centrifuge delivers all of the features and performance you'd expect from a centrifuge costing 3 to 4 times more! The MX features a 6 place horizontal spin rotor that accommodates tubes from 2 to 15 ml, an easy to clean stainless steel chamber, and variable speed control from 1000-3400 RPM. The all digital front panel touchpad and sharp LCD display makes setting time and speed an effortless operation. In addition, the Powerspin MX automatically stores the previous settings for quick and efficient repeat testing. One year warranty. [Download Brochure](#)

Just 1658.00!



Additional Supplies Available:
FPC® Disposable Fecal Concentrator
Hydrometer (For compounding flotation solution)

Vetlab Supply
18131 SW 98th Court
Miami, FL 33157
800.330.1522
305.232.8421 Fax
info@vetlab.com



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UNICO®

PowerSpin™ MX Horizontal Spin Centrifuge

UNICO® is proud to introduce our powerful 6-place Horizontal Spin centrifuge, the new PowerSpin™ MX! The PowerSpin™ MX spins 1000 – 3400 RPM, to insure a clean and complete separation of cellular components yielding superior serum or plasma specimen. Horizontal swing-out rotor provides high G-force and flat separation meniscus line.

The all digital push button front panel makes it easy to select or modify speed and run time even while wearing gloves. The PowerSpin™ MX also features a two line digital display that shows status, time, speed (RPM), and RCF (g).

Each PowerSpin™ Series centrifuge runs extremely quiet. The rubber shock absorbing suction cup feet hold the unit in place resulting in a quieter run with less vibration

Integrated True Zero RPM Safety System prevents lid from being open while the rotor is in motion.

Call us today for more information.



Tube Holders are
"Vertical at Rest"
to allow use of
Cover Slips for
Fecal Protocols

Features and Specifications:

- 6 place swing-out horizontal spin rotor for 2 to 15 ml tubes
- Push button panel for convenience when wearing gloves
- Quiet running , only 50 decibels at 3400 RPM
- Stainless steel rotor chamber is accessible for easy cleaning
- Easy to read digital display shows real time RPM and RCF readings
- Remembers last setting for quick and easy repeat testing
- Variable Speed, 1000-3400 RPM
- Suction cup rubber feet eliminate vibration
- 60 minute digital timer with tone signal
- On/off switch located on rear panel of unit
- Detachable power cord
- Lid window for speed verification with strobe tachometer
- Zero RPM Safety Latching System to prevent lid from being opened while rotor is spinning
- Manual lock override in case of power outage
- Indicator light signals when the power is on
- Standard 115V/60Hz AC (220V/50Hz available on request)

Ordering Information:

Model	Catalog #	Speed Range	Speed Monitor	Max. RCF	Capacity	Swing-out Rotor	Motor
PowerSpin™ MX	8606	1000 - 3400 RPM	Digital display	1825 G	6 x 2-15 ml	6 place	AC 115V

Accessories and parts:

C8606-01	6 place swing out rotor	Centrifuge Size:	13 3/4" x 15" x 11"
C800-02	Regular tube shield, pack of 2	Shipping Size:	18 in x 19 in x 15.5"
C800-03	Adapters for 5 ml tubes, pack of 10	Net Weight:	31 lbs
C800-04	Pediatric or 2 ml tube adapters, pack of 2	Shipping Weight:	36 lbs
C800-10	Fuse 250A 4A, each	Warranty:	One year, parts and labor

United Products & Instruments, Inc.
182 Ridge Road, Suite E, Dayton, New Jersey 08810
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Distributed by:
Vetlab Supply
Palmetto Bay, FL 33157
(800)330-1522 • (305)232-8421
www.vetlab.com

Rachel Parkerson

From: Dianne J. Hamilton
Sent: Friday, October 12, 2007 1:52 PM
To: Rachel Parkerson
Subject: Dell Computer - Saved Quote Information 1004042870635

Computer quote (will send separate quote for office 2007)

From: DellOnlineSales@Dell.com [mailto:DellOnlineSales@Dell.com]
Sent: Friday, October 12, 2007 1:36 PM
To: Dianne J. Hamilton
Subject: Dell Computer - Saved Quote Information 1004042870635



E-QUOTE

Dear Dianne Hamilton:

An E-Quote containing computer equipment from Dell Computer Corporation has been saved in your name at the Dell Online Store. The E-Quote will be held for 60 days to allow for completion of the order.

Per your request, this E-Quote has been forwarded to the following recipients:

Your Comments:

To retrieve this E-Quote:

1. Log on to your Premier page for Northwestern State University
2. Click into your online store.
3. Select "Retrieve" E-Quote from the top section of the page.
4. Select E-Quote Number: 1004042870635

Premier.dell.com log-in: <http://www.premier.dell.com>

A read-only view of this E-Quote is provided below:

E-Quote Information

E-Quote number: 1004042870635
E-Quote name: Rachal Parkerson
Description: Opti 745 for lab like environment

Saved By: Dianne Hamilton Dianne@nsula.edu	Phone Number: (318) 357-4090 Purchasing Agent:
Saved On: Friday, October 12, 2007	Notes/Comments:
Expires On: Tuesday, December 11, 2007	Additional Comments:

Description



Optiplex 745 Mini-Tower

Date & Time: October 12,2007 1:32 PM CST

SYSTEM COMPONENTS

Optiplex 745 Mini-Tower

Qty 1

Intel® Core™ 2 Duo Processor E6400 (2.13GHz, 2M, 1066MHz FSB), Genuine Windows® XP Professional, SP2, x32, with Media, English Unit Price \$1,123.28

Catalog Number: 25 RCRC982501-1734018

Module	Description	Product Code	Sku	Id
OptiPlex 745 Minitower	Intel® Core™ 2 Duo Processor E6400 (2.13GHz, 2M, 1066MHz FSB)	721T2	[222-5690]	1
Operating System(s)	Genuine Windows® XP Professional, SP2, x32, with Media, English	XPP232E	[310-8617] [420-6287]	11
File System	NTFS File System for all Operating Systems	NTFS	[420-3699]	2
Memory	2.0GB DDR2 Non-ECC SDRAM, 667MHz, (2DIMM)	2G2N62	[311-5042]	3
Keyboard	Dell USB Keyboard, No Hot Keys, English, Black, with Palmrest	EUSBPR	[310-7993] [310-8010]	4
Monitors	Dell 17 inch UltraSharp™ 1707FPV Flat Panel, Adjustable Stand, VGA/DVI	1707FPV	[320-4975]	5
Video Card	Integrated Video, Intel® GMA3000	INTVID	[320-5169]	6
Boot Hard Drives	160GB SATA 3.0Gb/s and 8MB DataBurst Cache™	160S	[341-4216]	8
Floppy Drive and Media Card Reader Options	No Floppy Drive	NFD	[341-3909]	10
Mouse	Dell USB 5-Button Premium Optical Mouse, Black	USBPREM	[310-8218]	12
Lead Free Motherboard	RoHS Compliant Lead Free Chassis and Motherboard	ROHS	[464-1131]	15
Removable Media Storage Devices	16X DVD+/-RW SATA, Roxio Creator™ CyberlinkPowerDVD™	DRM16	[313-4378]	16
Speakers	Internal Dell Business Audio Speaker	INTSPK	[313-3350]	18
Resource CD	Resources CD contains Diagnostics and Driver for Dell OptiPlex Systems	RCD	[313-7168]	21
Dell Energy	Dell Energy Smart Enable	ESMART	[310-	25

Rachel Parkerson

From: Dianne J. Hamilton
Sent: Friday, September 14, 2007 11:22 AM
To: Rachel Parkerson
Subject: FW: SHI Quote 2296848, Office 2007 Pro - 1 license

Rachel, you can edit this quote and order 3 copies of Office 2007.

From: jay_buonviri@shi.com [mailto:jay_buonviri@shi.com]
Sent: Monday, September 10, 2007 7:34 AM
To: Dianne J. Hamilton
Subject: SHI Quote 2296848, Office 2007 Pro - 1 license

Thanks for choosing SHI!



Pricing Proposal
 Quotation 2296848
 #:
 Created Sep-10-2007
 On:
 Valid Oct-10-2007
 Until:

Northwestern State University**Dianne J. Hamilton**

Phone:
 Fax:
 Email: dianne@nsula.edu

Account Representative**Jay Buonviri**

2 Riverview Drive
 Somerset, NJ 08873
 Phone: 732-868-6137
 Fax: 732-868-6138
 Email: jay_buonviri@shi.com

All Prices are in US Dollar(USD)

Product	Qty	Your Price	Total
1 Office Professional Plus 2007 All Lng Microsoft Volume License Microsoft Select Acad License Only Apps, A - Part#: 79P-01195	1	\$52.92	\$52.92
		Shipping	\$0.00
		Total	\$52.92

Additional Comments

SHI certifies quoted prices do not exceed manufacturer's published list price.

Thanks for choosing SHI!

- 1) For Credit Card Orders please include: 1
 - Type of Credit Card, Name on Credit Card, Exp. Date
- 2) Please fax PO's to: 732-868-6138
- 3) Be sure to include the following details on ALL orders:
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 - A/P Name; Phone #; Fax #; e-mail address
 - Ship-To Address
 - Bill-To Address

10/16/2007

Smart				8344]	
Security Hardware	Chassis intrusion switch option	SWITCH	[310-6719]		26
Hardware Support Services	3 Year Limited Warranty plus 3 Year NBD On-Site Service	PUB3OS	[985-2497] [985-2498] [970-8862] [980-4900]		29
Installation Support Services	No Onsite System Setup	NOINSTL	[900-9987]		32
Execute Disable Bit and Service Pack 2	Execute Disable Bit for Microsoft® Windows® XPSP2 set to 'OFF.'	XDOFF	[463-7780]		38
Mouse Pad	Mouse Pad	MPAD	[310-3559]		200
Labels	Windows XP Brand	VC	[466-2909]		750
TOTAL:\$1,123.28					

Sub-total \$1,123.28

Shipping & Handling \$0.00

Tax --

State Environmental Fee --

Total Price --

Thanks for shopping the Dell Online Store and for using our E-Quote service. We hope you find it useful in making your purchase and will continue to think of Dell.com for all of your computing needs.

Sincerely,
Dell Online Sales

Rachel Parkerson

From: Dianne J. Hamilton
Sent: Friday, October 12, 2007 1:50 PM
To: Rachel Parkerson
Subject: quote - printer

Contract: LA - STATE OF LOUISIANA (WSCAII)

Change to item status may result to change in your Quote. Use this page to add saved items to your cart or to replace your current cart with this Quote and checkout.

• This quote belongs to LA - STATE OF LOUISIANA (WSCAII) contract.

Quote ID 1439968
Quote Name rachalparkerson-hp1200
Quote created by dianne@nsula.edu
Quote created on 10/12/2007 1:46:59 PM

Items/description	Part no	Unit price	Qty	Ext price
HP Business inkjet 1200d printer	Base	\$176.00	1	\$176.00
HP Business inkjet 1200d printer	C8154A#A2L			

In the box:

Automatic 2-sided printing module, 4 printheads/ink cartridges (black, cyan, magenta, yellow), power cord, AC power adapter, startup guide, setup poster, support flyer, software, printer drivers, administrative tools, user guide

Print speed, black

Up to 28 ppm

Print speed, color

Up to 24 ppm

Duty cycle

Up to 6,250 pages per month

Paper trays (std/max)

1/2

Input capacity (std/max)

150/400

Output capacity (std/max)

Up to 150/Up to 150

Media sizes

Letter, legal, executive, statement, envelopes (No. 10, Monarch)

Memory (std/max)

32 MB RAM, 4 MB ROM /32 MB RAM, 4 MB ROM

Connectivity, standard

USB 2.0 full speed port, IEEE 1284-compliant bidirectional, parallel port, optional networking through, selected HP Jetdirect external print servers via the USB port

Print quality, color

Up to 4800 x 1200-optimized dpi color printing on premium photo paper, 1200 x 1200-input dpi

Print quality, black

Up to 1200 x 1200 dpi (up to 1200 x 1200 dpi rendered black text on inkjet paper)

10/16/2007

Paper-handling accessories

150-sheet input tray and 150-sheet
output tray

Optional paper-handling accessories

Options not included: 250-sheet input
tray

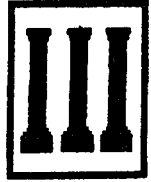
HP USB cable (a-b), 2 meter	C6518A	\$15.00	1	\$15.00
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Subtotal: \$191.00



COLLEGE OF SCIENCE & TECHNOLOGY

OFFICE OF THE DEAN



October 29, 2007

To: Student Technology Fee Proposal Selection Committee

From: Austin L. Temple Jr., Ph.D.

Dean, College of Science and Technology

Subject: Proposal offered by Dr. Brenda Woodard for the IDEXX Clinical Pathology Analyzer, centrifuges, and associated equipment

I am pleased to offer my endorsement for the grant proposal written by Dr. Woodard. The diagnostic analyzer is a necessary tool used by most veterinary practices. If our students are to be competitive in the job market, they must learn to use this type of equipment. Also, centrifugation methods are used in veterinary practices and this is a necessary skill that our graduates must possess.

Thank you for consideration of this proposal and for your effects in selecting worthy requests.



DEPARTMENT OF BIOLOGICAL SCIENCES
COLLEGE OF SCIENCE & TECHNOLOGY

Phone (318) 357-5323, Fax (318) 357-4518



October 26, 2007

Ms. Jennifer Long Martin
Student Technology Support
113D Watson Library

Dear. Ms. Long Martin

I am writing to strongly support Dr. Brenda Woodard's application for this Student Technology Fee grant.

Dr. Woodard directs the Biology Department's Vet Tech program, the only one of its kind in the state of Louisiana. She trains a significant number of students every year (75-80) and has an excellent retention and graduation record. More importantly, Dr. Woodard's program is the most organized in our department. Her facilities are impeccably kept and the students themselves are responsible for the upkeep. The Vet Tech labs are currently reasonably well equipped, but it is essential that their technology content be periodically updated to reflect the state of technology in the workplace. I can assure you that, if funded, this grant's funds will be put to excellent and extensive use and will significantly strengthen the Vet Tech program, the Biology Department and the University at large.

Thank for your continued support of the Department of Biological Sciences.

Zafer Hatahet, Ph.D.

Professor and Head