STAT
April 17, 2006
4:00 p.m.
Watson Library, Room 113A
Agenda

1. Roll Call

2. Approval of January 27, 2006 minutes

3. New Business
   - A. NSTEP Objectives per grant proposal approved and supporting documentation
   - B. Webpage Redesign
   - C. Change wording from "Proposed Budget" to "Approved Budget" on website
   - D. Surplus Items
     1. Printer for Shreveport Student Lab
     2. Software for MAC workstations
     3. Deep Freeze Maintenance Contract
     4. Wireless for Bossier, Boozman and Varnado lobby
     5. CAPA
     6. Student Activities
     7. FACS
     8. Chemistry
     9. Biology
     10. SGA

4. Old Business

5. Next meeting date

STAT Chair, Alan Sypert — Date 4/17/06

Recorder, Jennifer Long — Date 4/17/06

The following grants were approved for the Fiscal Year 2005-06, this document includes NSTEP Objectives for each grant proposal.

Grant #2006.001; Testing Center; $10,905.43; Shantel made motion, Ifrah seconded, motion carried. Fully Funded. NSTEP Objective 1, 3, 5
Grant #2006.003; Military Science; $1,086.58; Ryan made motion, Ifrah seconded, motion carried. Fully Funded. NSTEP Objective 1
Grant #2006.004; Nursing; $22,996.81; Shantel made motion, Alan seconded, motion carried. Fully Funded. NSTEP Objective 1, 3, 5, 7
Grant #2006.005; Watson Library; $2,249.37; Shantel made motion; Alan seconded, motion carried. Fully Funded. NSTEP Objective 1, 2, 3, 8
Grant #2006.006; Watson Library; $24,376.64; Shantel made motion; Ifrah seconded, motion carried. Fully Funded. NSTEP Objective 1, 2, 3, 8
Grant #2006.007; Watson Library; $1,418.17; Shantel made motion; Alan seconded, motion carried. Fully Funded. NSTEP Objective 1, 9
Grant #2006.008; CAPA; $14,070.00; Alan made motion to approve component #3 of grant request, Shantel seconded, motion carried. Partial Funding. NSTEP Objective 1, 2, 3, 8
Grant #2006.009; Student Personnel Services; $22,326.00; Alan made motion; Shantel seconded, motion carried. Fully Funded. NSTEP Objective 1, 2, 3, 7, 8
Grant #2006.010; Leesville/Ft. Polk/Math; $9,949.45; Alan made motion; Tunisia seconded, motion carried. Fully Funded. NSTEP Objective 1, 2
Grant #2006.011; Leesville/Ft. Polk/Science and Technology; $9,532.95; Alan made motion, Tunisia seconded, motion carried. Fully Funded. NSTEP Objective 1, 2
Grant #2006.012; Leesville/Ft. Polk/Science and Technology; $13,601.95; Shantel made motion, Iggy seconded, motion carried. Fully Funded. NSTEP Objective 1, 2
Grant #2006.014; Leesville/Ft. Polk/Science and Technology; $1,690.64; Alan made the motion, Shantel seconded, motion carried. Fully Funded. NSTEP Objective 1, 2, 3
Grant #2006.015; Leesville/Ft. Polk/Science and Technology; $192.00; Alan made the motion, Ifrah seconded, motion carried. Fully Funded. NSTEP Objective 1, 2, 3
Grant #2006.016; Leesville/Ft. Polk/Science and Technology; $4,997.98; Alan made the motion, Shantel seconded, motion carried. Fully Funded. NSTEP Objective 1, 2, 3
Grant #2006.017; Leesville/Ft. Polk/Science and Technology; $3,950.00; Alan made the motion, Shantel seconded, motion carried. Fully Funded. NSTEP Objective 1, 2, 3
Grant #2006.018; Leesville/Ft. Polk/Science and Technology; $7,634.05; Alan made the motion, Shantel seconded, motion carried. Fully Funded. NSTEP Objective 1, 5, 9
Grant #2006.019; Scholars' College; $15,661.00; Alan made the motion to approve component 1 & 3, Iggy seconded, motion carried. Partial Funded. NSTEP Objective 1, 2, 3, 8
Grant #2006.020; Language and Communications/Argus; $214.99; Alan made the motion; Shantel seconded, motion carried. Fully Funded. NSTEP Objective 1, 8
Grant #2006.021; Academic Center; $6,857.58; Shantel made the motion; Ifrah seconded, motion carried. Fully Funded. NSTEP Objective 1, 2, 3
Grant #2006.022; Theatre; $20,400.00; Alan made the motion, Shantel seconded, motion carried. Fully Funded. NSTEP Objective 1, 3

Grant #2006.023; Theatre; $6,963.95; Alan made the motion, Ifrah seconded, motion carried. Fully Funded. NSTEP Objective 1, 3
Grant #2006.028; One Card; $40,372.00; Roll call vote was taken on this grant; Alan, No; Shantel, Yes; Ifrah, Yes; Iggy, Yes; Joanna, Yes; Ryan, No; Tunisia, No. Fully Funded. NSTEP Objective 1, Funding for this grant was reallocated noted in the January 27, 2006 minutes.

Alan Sypert, STAT Chair — Date 4/17/06

Jennifer Long, Recorder — Date 4/17/06

2006.0015

Student Technology Fee
Funding Request Form
Surplus Money Fiscal Year 2005-06
Northwestern State University of Louisiana

Prepared by: Alan Sypert For: Dr. J. Mark Thompson

College: Liberal Arts Campus: Natchitoches Department: CAPA

Where will requested equipment be located/installed/housed: Bldg. 25A Room 220

Are property policies and procedures in place by the department for equipment requested. Yes

Delivery to the Student Technology office located in Watson Library, Room 113. Date _____

1. Describe target audience.
   All music, theater majors. All ensembles, vocal or instrumental.

2. Describe project/initiative for which you are requesting funds.
   To purchase accessory equipment for superscope CD recorders previously purchased by STAT.

3. State measurable objectives that will be used to determine the impact/effectiveness of the project.
   Increase the use of Superscope CD recorders.
   Improve the quality of recordings made with the recorders.
   Provide protective equipment for STAT equipment.

4. Indicate how each project objective will be evaluated.
   We intend to increase the use of our recorders by providing an easy one stop resource for all your recording needs. Currently our Superscope recorders are not used much because you have to have your own mics, cables, and stands. You are also responsible for the unit itself, when there is no case for the recorder this becomes quite challenging.
   The equipment we are requesting will provide students with good quality mics and cables along with our recorders.

5. Provide a justification for funding of 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.
   This project allows us to protect and improve on an investment already made by STAT. This year alone ensembles such as the Wind Symphony, the Marching Band, the Natchitoches Northwestern Symphony Orchestra and the Men's Chorus have made use of the recorders. Numerous private lesson students have also benefited from the recorders. There is potential for this equipment to more effectively serve hundreds of students per semester.

6. How will funding of the project advance the University and College / unit technology plan?
   This project will provide students with state of the art equipment used in their professional fields. It will also provide University students with technological equipment that will support a learning environment.

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. J. Mark Thompson will be the project supervisor.

   Masahito Kuroda member of the Music Faculty will be the sound recording expert consulted with any technology questions.

8. Describe any personnel (technical or otherwise) required to support the project/initiative.
   No other support will be required for this project.

9. Provide a schedule for implementation and evaluation.
   Funding approval in April
   State Bid process follows
   Once a vendor has been selected the equipment will be ordered.
   Delivery of equipment occurs over the summer break.
   Equipment will be available at the beginning of the fall semester.

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

    The hardware should last for at least 20-25 years. The cases would last even longer.

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.

    The equipment available for check out will be stored in the Music Multimedia lab which has a FOB key access. In order to check out equipment students must provide university identification and fill out a check out form.

12.	Attach a detailed budget, including: specs., description, cost, state contract number, and vendor for each item; cost of outside support personnel; and a description of how the proposal will support University/College/unit resources (i.e., cash match, funds from other sources, or reallocation of existing hardware/software or other equipment.
13.	Attach a letter of support for the project signed by the requesting unit's Dean, the appropriate Vice President (for non-academic units), or the SGA President from the requesting campus (for student requests).

Superscopetechnologies.com

CA350- Carry case for complete system	($149 x6)	$894.00
CA300- Carry case	($129 x4)	$516.00
		1410.00

Sweetwater.com

AKG KM235/1 Adj Stereo Mic Bar	($24.97 x7) ✓	$174.79
Ultimate Support MCL-80 Mic Stand	($48.97 x7) ✓	$342.79
Couduit E12350PB 50' Ext Cord	($39.98 x2) ✓	$79.96
Couduit E12325PB 25' Ext Cord	($29.98 x7) ✓	$209.86
Samson CL8 Microphone	($199.97 x14) ✓	$2799.58
Pro Co XLR30 30' Cable	($23.97 x14)	$335.58
Sony MDR-7505 Headphones	($84.97 x7)	$594.79
Total:		**$5947.35**

RL05-4095

SUPERSCOPE Make Great Music

Your Cart

10 items

Order Summary:
Sub Total: $1,410.00
Shipping: $0.00
Cart Total: $1,410.00

CHECKOUT

Categories

- Accessories
- CD Players
- CD Recorders
- Nearly New Products
- Professional Sound Systems

Links

- Newsletter
- My Account
  - Log In
- Quick Order
- Order Tracking

SEARCH GO

Advanced Search

Click to see larger image

CA350 Carry Case for Complete System

Product ID: CA350
Description: The CA350 is specially designed to transport an entire recording system for the PSD300, PSD300P, or PSD340 with room for microphones, headphones, and CDs. It includes a convenient over-the-shoulder bag for mic stands and cables.
Price: $149.00

Quantity: 6

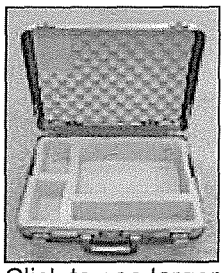
ADD TO CART
SAVE FOR LATER
E-MAIL TO A FRIEND

Your Cart

10 items

Order Summary:
Sub Total: $1,410.00
Shipping: $0.00
Cart Total: $1,410.00

CHECKOUT



Click to see larger image

CA300 Carry Case

Product ID: CA300
Description: Rugged hardshell poly carry case for the PSD300 or PSD300P. Features protective foam insert and storage for cables, microphones, and CDs. Secure clasps ensure it won't come open when transporting your unit.
Price: $129.00

Quantity: 4

ADD TO CART
SAVE FOR LATER
E-MAIL TO A FRIEND

Categories

Accessories
CD Players
CD Recorders
Nearly New Products
Professional Sound Systems

Links

Newsletter
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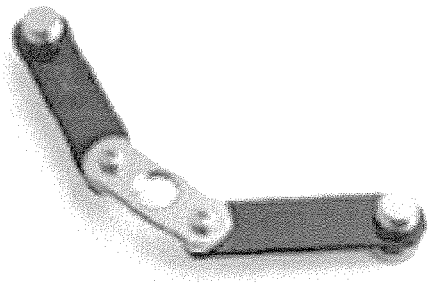
Quick Order
Order Tracking

SEARCH GO

Advanced Search

AKG KM235/1

Adjustable Stereo Microphone Bar for AKG and Other Mics



FREE SHIPPING!

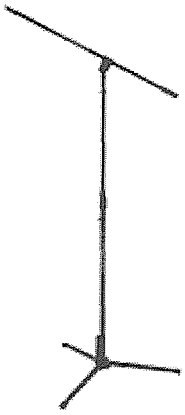
ItemID: KM235/1
Manufacturer: AKG
Retail Price: $28.60

SAVE $3.63 (13%) WHEN YOU BUY TODAY!

SALE PRICE:
$24.97

Ultimate Support MCL-80 NEW!

Tripod Stand with "Flash" Base and Quick Setup



»CLICK TO ENLARGE

FREE SHIPPING!

ItemID: MCL80T
Manufacturer: Ultimate Support
Retail Price: $74.00

SAVE $25.03 (34%) WHEN YOU BUY TODAY!

SALE PRICE:
$48.97

Conduit E12350PB

50' 12ga, 3-Cond Ext Cord

IMAGE NOT AVAILABLE

ItemID: E12350PB
Manufacturer: Conduit
Retail Price: $44.98

SAVE $5.00 (11%) WHEN YOU BUY TODAY!

SALE PRICE:
$39.98

Conduit E12325PB

25' 12ga, 3-Cond Ext Cord

IMAGE NOT AVAILABLE

ItemID: E12325PB
Manufacturer: Conduit
Retail Price: $34.98

SAVE $5.00 (14%) WHEN YOU BUY TODAY!

SALE PRICE:
$29.98

Samson CL8

Large Diaphragm Condenser Microphone with 1.1" Gold-sputtered Diaphragm and Multi-Pattern Ability

SAM

FREE SHIPPING!

ItemID: CL8
Manufacturer: Samson
Retail Price: $599.99

SAVE $400.02 (67%) WHEN YOU BUY TODAY!

SALE PRICE:
$199.97

Pro Co XLR30

30' XLRF - XLRM Cable

»CLICK TO ENLARGE

FREE SHIPPING!

ItemID: XLR30
Manufacturer: Pro Co
Retail Price: $30.49

SAVE $6.52 (21%) WHEN YOU BUY TODAY!

SALE PRICE:
$23.97

Sony MDR-7505

Foldable Closed Headphones

SO

»CLICK TO ENLARGE

FREE SHIPPING!

ItemID: MDR7505
Manufacturer: Sony
Retail Price: $115.00

SAVE $30.03 (26%) WHEN YOU BUY TODAY!

SALE PRICE:
$84.97

NORTHWESTERN STATE
UNIVERSITY OF LOUISIANA
Natchitoches, LA 71497

College of Liberal Arts
P. O. Box 5314

Telephone (318) 357-4330
FAX (318) 357-4255

March 22, 2006

To Whom It May Concern:

Since the 1940's, Northwestern State University of Louisiana has supported one of the best creative and performing arts programs in the American South. Immediately after World War II, NSU leadership focused on Arts as an area of excellent. In the early 90's, Northwestern chose our School of Creative and Performing Arts as an official Center of Excellence.

Thanks in large part to earlier Student Technology Grant funding, Mr. Brent and his faculty have acquired the necessary financial support to maintain state-wide leadership in technology. The grant money requested here provides the continued development of CAPA's leadership in technology.

For many reasons—a quality education for our students, recruitment, a tough job market, and community service— I support the grant request(s) submitted by NSU's School of Performing Arts.

Sincerely,

Donald W. Hatley

Donald W. Hatley, Dean
NSU, College of Liberal Arts

NORTHWESTERN
State University
A Member of the University of Louisiana System
Natchitoches, Louisiana 71497

Mrs. H.D. Dear, Sr. and Alice E. Dear
School of Creative and Performing Arts
Art 318-357-4483
Music 318-357-4522
Theatre 318-357-5744
FAX: 318-357-5906

March 22, 2006

TO: STAT Committee

FROM: Bill Brent

It is with pleasure that I support the Student Technology Grants that have been prepared and presented by Alan Sypert.

GRANT I – pertaining to technology for the percussion studio

Northwestern is fortunate to have, without a doubt, one of the most talented percussion studios in this area of the United States. With more than forty students who participate actively in the studio, it is easily the largest of any private music studio at Northwestern. Each academic year, students from this studio present a variety of performances that vary from the marching field with the "Spirit of Northwestern" to the concert stage performing with concert bands, symphony orchestra, jazz orchestra and the percussion ensemble. It is terribly important that we provide equipment that will allow us to educate our students in the latest technological advances in percussion education. Otherwise, we will rapidly see a decline in the quality of the studio and the number of students participating. The equipment funded by this grant will allow us to do that for several years to come.

GRANT II – pertaining to superscope CD recorders

The equipment requested in this grant will allow us to better utilize equipment that has already been funded by a previous student technology grant. At the present time, to utilize the superscope recorders requires an excess amount of time for "set-up" and "break-down" and limits the number of programs that can be recorded. This grant will allow us to make the equipment available for more performances and for use by more students. It is a wise investment of additional funds in this area.

GRANT III – pertaining to disklavier pianos

Northwestern has one of the finest undergraduate piano programs in this area of the United States. While several new pianos have been purchased, we still do not have enough rehearsal pianos available for our students. Further, due to the reputation of our piano and vocal faculty, we anticipate this area to continue to grow in quantity and quality. These additional pianos will allow us to address this problem for many years to come.

The Student Technology Grant program has been a tremendous help to the School of Creative and Performing Arts and the faculty and students of the School are deeply appreciative for all of the support we have received in the past. If these additional grants are funded, the School assures the STAT Committee that it will continue to provide an outstanding education for all of our students and quality performances on the NSU campus and beyond.

Your consideration is appreciated.

SHOPPING CART

Today's Date : 3/28/2006 10:06:36 AM
Contract: LA - STATE OF LOUISIANA (WSCAII) (404160-A63309)

Product availability and product discontinuation are subject to change without notice. The prices in this shopping cart are valid for 30 days from the date above. If you do not wish to place this order electronically, please include this form when submitting your purchase order.
Show address and comment fields. Use the File - Print option to print this form for your future reference.

Items/description	Part no	Unit price	Qty	Ext price
HP LaserJet 8150n printer	**Base**	$2,330.00	1	$2,330.00
HP LaserJet 8150n printer **Print speed, black** Up to 32 ppm **Print quality (color & black)** FastRes 1200 (1200 dpi quality), 600 x 600 dpi **Duty cycle** 150,000 pages **Paper trays (std/max)** 3/4 **Input capacity (std/max)** Up to 1100/Up to 3100 **Output capacity (std/max)** 600/3600 **Media sizes** Letter, legal, executive, 11 x 17, commercial (#10) envelopes, DL envelopes, Monarch envelopes **Memory (std/max)** 32 MB/160 MB **Connectivity, standard** Series standard + 2 open EIO slots, HP Jetdirect 620n (EIO) print server for Fast Ethernet 10/100Base-TX in 1 EIO slot, FIH portal **Paper-handling accessories** 100-sheet multipurpose tray; two 500-sheet input trays **Optional paper-handling accessories** **Options not included:** 2,000-sheet input tray; 7-bin tabletop mailbox; 5-bin tabletop mailbox; 8-bin mailbox; 3,000-sheet stacker; 3,000-sheet stapler/stacker; 100-envelope feeder; custom media tray; automatic duplex unit	**C4266A#ABA**			
HP LaserJet c4182x Ultraprecise print cartridge	**C4182X**	$194.00	2	$388.00

Subtotal: $2,718.00

Estimated Lease Cost: $84.39

The terms and conditions of the LA - STATE OF LOUISIANA (WSCAII) will apply to any order placed as a result of

Review your Proposal.

- Please confirm your Proposal.
- Click on the Create Proposal button to send this Proposal to your Apple Authorized Purchasing Agent.

Items you have selected	Part No.	Est Ship	Qty	Unit Price	Ext. Price
Apple Remote Desktop 2.2 Unlimited Client	M9954Z/A	3-5 business days	1 Remove	$299.00	$299.00
Mac OS X Server v10.4 (Unlimited client license)	M9768Z/A	3-5 business days	1 Remove	$499.00	$499.00

Subtotal Please note that your subtotal does not include sales tax or rebates. **$798.00**

Delete this cart

Apple Part Number

Add to proposal

Update Subtotal

Continue shopping

Save for later

Create proposal

Faronics

2411 Old Crow Canyon Road, Suite 170
San Ramon, CA 94583
USA
Ph: (800) 943-6422 Fax: (800) 943-6488
Tax ID #- 943364111

Renewal Quote

For your convenience.

Quote # CSR-AM20060327
Date: March 27, 2006

Bill To:	Ship To:
Northwestern State University Accounts Payable PO Box 5655/727 College Ave. Natchitoches, LA	

Cust. Srv. Rep	Original P.O.	Original Contact	Ship By	F.O.B. Point	Terms
CSR Team	n/a	n/a	Mail		

Quantity	Description	Unit Price	Amount
1	SWA0257 Deep Freeze Enterprise	1,888.00	1,888.00
	For 1200 licenses, valid from June 26, 2006 - October 31, 2007 (yearly amount: $1,416.00)		-
1	SWA0257 Deep Freeze Mac ARD	13.33	13.33
	For 4 licenses, valid from June 26, 2006 - October 31, 2007 (yearly amount: $10.00)		-
			-
			-
		SUBTOTAL	$1,901.33
		Freight Charges	
		SALES TAX	
		Total (US)	$1,901.33

Please send business check and a copy of this quote to the above address.

Welcome **Gary Gatch** | Your cart contains: 0 item(s)

Search

Advanced Search

Shop

Catalogs
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Templates

Orders

View Order Status
Invoices
Projects
View Quotes

GDS

Terms/Contacts

Tools

Management Tools
Report A Problem
Profile
Logout

Home>Quotation # 22902

QUOTE DETAILS

Customer Name:	Northwestern State University	**Quote Status:**	Received
Contact Name:	Gary Gatch		
Contact Email:	gatchg@nsula.edu		
Seller:	Global Data Systems, Inc.		
Quote Description:			
Sales person:	System Account		
Phone:	318-357-4662		
Email:	cybiz@getgds.com		
Quotation #:	22902		
Date Entered:	03/29/2006		
Comments:			
Lead Time:			
Shipping Method:			
Payment:			
Account Number:			

ITEM DETAILS **Attachments**

Description	Unit Price	Qty	Total Price
Config Set # CS8340989 Routing Key# QKLG		1	$ 2,626.56
CISCO 802.11a, .11g AP, Int Radios, Ants, FCC Cnfg Mfr Part #: AIR-AP1131AG-A-K9	$ 398.43	6	
CISCO Power Injector for 1100, 1200 Series Mfr Part #: AIR-PWRINJ3	$ 33.63	6	
CISCO AIR Line Cord North America Mfr Part #: AIR-PWR-CORD-NA	$ 0.00	6	
CISCO Pwr Sply In:100-240VAC Out:48VDC 380mA -for 1100,1200 Series Mfr Part #: AIR-PWR-A	$ 0.00	6	
CISCO 1200 Platform Console Cable Mfr Part #: AIR-CONCAB1200	$ 5.70	6	
CISCO Cisco 1130 Series IOS WIRELESS LAN Mfr Part #: S113W7K9-12308JA	$ 0.00	6	
	GRAND TOTAL:		**$ 2,626.56**

WORKFLOW DETAILS

Sender	Recipient	Action	Date In	Date Out	Time Interval

2006.0025

✓ PF

Student Technology Fee
Funding Request Form
Surplus Money Fiscal Year 2005-06
Northwestern State University of Louisiana

Prepared by: Alan Sypert For: Michael Rorex and Nikita Fitenko

College: Liberal Arts Campus: Natchitoches Department: CAPA

Where will requested equipment be located/installed/housed: Bldg. 25 multi rooms

Are property policies and procedures in place by the department for equipment requested. Yes

Delivery to the Student Technology office located in Watson Library, Room 113. Date _____

1. Describe target audience.

All music and theater majors. This project will affect instrumental, vocal, piano, composition, and theater majors or minors.

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

To purchase new disklavier and midi piano technology. Also to purchase additional CD (software) that can be used in all the disklaviers on campus. This project would supply students with four new performance quality pianos. These pianos are concert quality acoustic pianos with a lot of added capabilities.

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

Students who use these pianos will have new opportunities to improve their performances. Three of the pianos are primarily for practice opportunities and will allow students to always have an accompanist (or a full orchestra). The fourth piano will also be used in performances in Magale or other venues. This piano and the software would allow our ensembles or individual performers to play along side legends like Duke Ellington.

The most apparent objective will be to improve the quality of performances, and the performers themselves at NSU events.

4. Indicate how each project objective will be evaluated.

Performances are open to students, faculty, staff and the community. All performances in Magale Recital Hall are recorded and often used as audition materials for Graduate Schools or jobs. The quality of these performances will be the evaluation for the impact of this project.

5. Provide a justification for funding of 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.

This project will directly affect hundreds of student on our campus. Our piano performance studio, consist of many foreign exchange prodigy type students. It is equipment like this that will allow us to continue to recruit this caliber of student. This project will also put NSU at the front in the state for vocalist students. Currently no other state university offers this technology at the level we will be able to with this project.

6. How will funding of the project advance the University and College / unit technology plan?

This project will provide students with state of the art equipment used in their professional field. It will also provide University students with technological equipment that will support a learning environment.

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.

Michael Rorex will be in charge of all of the recording aspects and vocal side of the project.
Nikita Fitenko will be in charge of all piano major aspects.

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

No other support will be required for this project.

9. Provide a schedule for implementation and evaluation.

Funding approval in April
State Bid process follows
Once a vendor has been selected the equipment will be ordered.
Delivery of equipment occurs over the summer break.
Equipment will be available at the beginning the fall semester.

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

The pianos themselves will likely last 50 years or so. The software and technology will be adequate for 15+ years. The equipment also allows for easy upgrades and uses multiple media sources including USB devices.

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.

The equipment will be in rooms that are either under FOB lock or in rooms that have key checkout policies. These are also items that way hundreds of pounds and in most cases will not fit out the door of the room they are in with out extensive disassembly.

12.	Attach a detailed budget, including: specs., description, cost, state contract number, and vendor for each item; cost of outside support personnel; and a description of how the proposal will support University/College/unit resources (i.e., cash match, funds from other sources, or reallocation of existing hardware/software or other equipment.
13.	Attach a letter of support for the project signed by the requesting unit's Dean, the appropriate Vice President (for non-academic units), or the SGA President from the requesting campus (for student requests).

YAMAHA CORPORATION OF AMERICA

DC6M4t

Mark IV Series Full-Function Grand Pianos

$ 40,000.00

Enlarge Picture

Built to Perform

The Ultimate in Personal Music Entertainment

Ever since the original Yamaha Disklavier introduced the marvels of hybrid acoustic/digital pianos back in 1986, these computer-age player pianos have evolved into instruments that can reproduce live acoustic piano concerts and ensemble music with instrumental backings and vocal tracks. The Disklavier Mark IV takes this all a step further. Yamahas unique combination of both acoustic and digital superiority has made it the obvious choice of music-lovers, pianists, and educators worldwide. Its easy-to-operate user functions make the Disklavier a breeze to customize and automate, always giving you the right music at the right time. Combining the tone and touch of world-class Yamaha grand pianos with an astonishing range of interactive capabilities, the Mark IV is the ultimate piano for home entertainment systems, business establishments, or educational and creative environments.

An Easy-to-Use, Yet Advanced Music Entertainment System

Pocket Remote Control (PRC-100)

The sleek, compact design of the PRC-100 literally packs all of the Disklavier Mark IVs features and functions into a single hand-held device. Its intuitive full-color touch screen (320 x 240 pixels) is as easy to read as it is to use. You can browse your entire library with the handy stylus, or create custom playlists using the built-in QWERTY keypad.

Tablet Remote Control (TRC-100)

The TRC-100s synergy of elegance, style, and technology makes operating the Disklavier Mark IV an experience like no other. The 10.4- inch liquid crystal display provides several animated visual environments to access your favorite features, either with a tap of the stylus or a touch of a finger. Using the TRC-100, you can view karaoke lyrics, select background visuals, browse your song library, and even run a slide show of your own digital pictures!

Music So Inspiring Youll Want to Sing Along

Just connect a microphone to the Disklavier Mark IV piano and sing along through its built-in speakers. To fine-tune your experience, the Mark IV offers performance-enhancing vocal effects including room, stage, hall, and reverb. You can choose to display song lyrics externally on any TV monitor or on internally via the Tablet Remote Control. To browse the vast library of song disks available, visit www.yamahamusicsoft.com.

A Built-In Amplified Speaker System Only Possible From Yamaha

The Disklavier Mark IV performs as a stand-alone unit or as part of the ultimate home audio/video system. With genuine Yamaha speakers, each powered monitor is discretely mounted at an outward angle sending music away from the piano for a more spacious overall sound. For larger audio systems and installations, flexible output routings are provided to send music to any part of the house your system allows. Outputs assigned to areas far from the Disklavier can have a digital piano sound inserted into the audio stream, while keeping a background only mix sounding in areas near the acoustic piano.

Low-Profile Hardware Provides the Gateway for All of Your Music Software

Using the Media Center, software can be played directly from the built-in floppy disk and CD drives, and removable USB storage devices*, or loaded to internal memory for easy access. Convenient connections include headphone outputs, microphone input, and USB ports. The retractable glossy, black cover conceals the Media Center and matches the finish of the piano's cabinetry.

* Certain USB storage devices may not function properly with the Disklavier Mark IV Series.

For a list of compatible products, please visit www.yamaha.com/disklavier.

PianoSoft™
Quality Meets Quantity

Performances by world-class artists on PianoSoft™

PianoSoft Solo™ Series

World-class solo pianists perform piano-only music upon your request. Available in many genres, these selections are for the piano purist in all of us. With everything from country to contemporary, and from ragtime to Rachmaninoff, PianoSoft Solo makes the legendary Yamaha acoustic piano the featured soloist.

PianoSoft Plus Audio™ Series

Introduced with the revolutionary Disklavier Mark III, this CD-based software line takes advantage of everything digital audio has to offer. Specially recorded vocal and ensemble parts accompany the Yamaha acoustic piano for the ultimate in realism and accuracy.

PianoSoft Plus™ Series

The Plus adds digital instruments to the solo piano appropriate for the style of music selected. You may hear full orchestras including strings, horns, and percussion, or a Country band, a Rock band, and much more.

Smart PianoSoft™ Series

Cutting-edge PianoSmart technology is at the heart of Smart PianoSoft, the Mark IVs fastest growing line of software. Traditional store-bought audio CDs (that you may very well already own) can accompany the Disklaviers professionally arranged piano performance. Recordings dont get any more authentic than the original artists, and thats exactly what Smart PianoSoft delivers... by the hundreds.

Built-In PianoSoft Sampler The Disklavier Mark IV is Ready to Play

Every Mark IV Disklavier comes pre-installed with hours of music right from the factory featuring selections from PianoSoft Solo, PianoSoft Plus, and even PianoSoft Plus Audio! This means that the moment your Mark IV is delivered and powered-up, youll be listening to music right away.

You can purchase and, in many cases, download titles from the PianoSoft catalog, or view the entire catalog at www.yamahamusicsoft.com.

Practice Makes Perfect

More Than a Piano the Yamaha XG Tone Generator

Many educational software titles are available with ensemble backgrounds to accompany practice. The Yamaha XG tone generator has hundreds of high-quality instrumental voices to get the most out of your accompaniment.

The New AEM Tone Generator

Taking digital instruments to new levels of realism, the new AEM (Articulation Element Modeling) tone generator breathes new life into orchestrated backgrounds. This next-generation sound source produces the subtle nuances heard in brass, saxophone, and string sections. Regular software, including educational and even karaoke titles, will spring to life with Yamahas latest sound technology.

Practice One Hand While the Disklavier Plays the Other

Every teacher knows that practicing hands separately improves speed, accuracy, and memorization. With the ability to play the right and left hands independent of one another on selected software titles, as well as vary the tempo, practicing piano on the Disklavier has become a truly interactive experience. Add to this the fact that many popular method and lesson books are being offered with hands-separate recordings on disk, and youve got the ultimate music practice partner.

Digital Quiet Mode/Headphone Mode Flexibility

Yamaha Sound Muting System allows you to instantly switch off the sound of the acoustic piano, enabling the digital piano to be played at ultra-quiet volumes. With this feature, you can play and listen in Quiet Mode with the built-in speakers or in Headphone Mode via the privacy of dual headphones. Enjoy the Disklavier anytime at a sound level best suited for you and those around you.

The Ideal Synergy of Audio, Video, and One Beautiful Acoustic Piano PianoSmart™

PianoSmart Audio Synchronization

You wont need to look too hard to find audio CDs that are compatible with your Mark IV Disklavier you probably already own them. Thanks to PianoSmart, any one of hundreds of standard store-bought audio CDs are ready to play along with the Mark IV. All thats required is the corresponding Smart PianoSoft title for the CD of your choice. So choose a CD of a world-class Yamaha artist playing the piano and watch the Mark IV match the piano recording with the CD. After you load titles into

the Mark IVs internal memory, PianoSmart automatically and seamlessly synchronizes your audio each time.

PianoSmart Video Synchronization

Yamaha didnt stop at just playing audio CDs along with your Disklavier. PianoSmart also provides you with the ability to synchronize videotaped performances with the Mark IV. By simply connecting the audio jacks of a standard video camcorder to the SYNC jacks of the I/O Center, your performance can be immortalized for playback on the Mark IV and a standard TV monitor at the same time!

Classic Form Contemporary Function

SmartKey Now Anyone Can Play Right Away

Have you ever dreamed of playing the piano but thought you didnt have time to learn? With SmartKey technology, the new Disklaviers can make your dream come true. Even if youve never touched a keyboard or read a note of music in your life, the new SmartKey feature makes it easy to learn without a single lesson. Just follow along as SmartKey shows you which notes to play by partially depressing the next key in the melody. SmartKey prompts the Disklavier to wait for you and play at a speed within your comfort zone. Within minutes, youll be playing entire songs while the Disklavier follows your lead with virtuoso harmonies and arpeggios.

CueTIME, another exciting development in music software, offers sophisticated auto-accompaniment where you dont play along with recordings the recordings play along with you! Simply play the printed piano part and the digital orchestra follows your cue, matching your pace and enhancing your performance with professional arrangements.

*Note: SmartKey software may not be available in some countries.

The International Piano-e-Competition
Truly the First of its Kind

Imagine a top-level classical piano competition where the performers, the judges, the audience, the pianos played, and the pianos heard are all in different cities at separate corners of the globe. This happens every other year at the International Piano-e-Competition, and it wouldnt be possible without the technology found only on Yamaha Disklavier pianos. This unprecedented event, first held in June 2002, uses state-of-the-art technology to expand the arena of virtuoso competition.

Contestants gather in selected cities to perform on Yamaha CFIIIS concert grands equipped as Disklavier Pros. Performance data is then transmitted over the Internet, allowing judges and audiences to listen on actual acoustic pianos on stage not through audio recordings subject to the quality of speakers and microphones. This method is so ground-breaking that it has been noted by Gustav Alink, who rated the International Piano-e-Competition among the top 30 in the world (from over 400) in his book Piano Competitions Worldwide. Disklavier owners around the world watched the competitions Web site (www.ecompetition.org) waiting for the latest performances to be posted. Once pieces were downloaded, enthusiasts enjoyed world-class musicians giving private performances on a live acoustic piano all in the comfort of their own homes.

Unparalleled Experience Means Unrivaled Recording and Playback

There's a reason why the Yamaha Disklavier has become the symbol of excellence in reproducing pianos.
Disklavier technology is factory-built into the piano from the beginning of its construction.

Superior Yamaha development and design

The Disklavier Mark IV's advanced intricate internal construction:

1. Power supply unit
2. I/O center
3. Powered speaker
4. Powered speaker
5. Solenoid unit
6. Media center
7. Sensor

Ultra-Large Internal Music Storage Capacity

Floppy disks, CDs, and other removable media are fine for carrying music from one place to another. But once the music makes it to the Disklavier Mark IV, it can be loaded onto the vast internal memory capable of holding hundreds of hours of music. Virtually every MIDI song file ever created for the Disklavier could be loaded and stored inside the Mark IV. If that seems a little excessive, the extra storage comes in handy for loading CD audio tracks.

Yamahas Exclusive High-Performance Grayscale Hammer Sensor

The world's first continual-detection optical hammer sensor continuously traces the hammer position from the time a key is pressed until it's released. This outperforms the previous two-point detection sensors of earlier Disklaviers and the simpler "Key ON/OFF" sensors used on many other systems. With the grayscale key sensor, the Mark IV monitors every motion of the key and hammer - even rapidly repeated notes - with meticulous precision and the softest touch.

Servo Control for Precision Playback Performance

Under the command of specially developed LSI microprocessors, the servo control system continuously monitors the movement of each key, precisely recreating every detail of the original performance. This allows for a slow return of the keys and delicate pianissimo, things that were previously unattainable.

Get Connected with the I/O Center

The Disklavier Mark IV has the ability to connect to a wide range of external equipment. Essentially, any device that connects to the Mark IV will be plugged into this "Input/Output" center. You can connect TVs, cameras, computers, home networks, and various other audio and music equipment to the I/O Center. No matter what your particular needs are, the Mark IV is ready to play.....

Specifications:

DC6M4t		
Sensor System	Key Sensors	Non-contact optical fiber/grayscale shutter sensing system for 88 keys (senses the key position, keying velocity, and key releasing velocity)
	Hammer Sensors	Non-contact optical fiber/grayscale shutter sensing system*
	Pedal Sensors	Non-contact digital optical sensing system (senses the pedal position)** *Except for DGC1M4, DC1M4, DC2M4 **Continuous sensing for the damper and soft pedals, and on/off sensing for the sostenuto pedal.

Drive System	Keys	DSP servo drive system (high-power servo controlled solenoids)
	Pedals	DSP servo drive system (servo controlled solenoids)
Data Storage	Internal Memory	80GB
	File Format	Standard MIDI File (format 0, 1) / E-SEQ
Removable Media	Floppy Disk: 3.5" 2DD (720 KB) or 2HD (1.44 MB) floppy disk Compact Disc: Audio CDs, PianoSoftoPlusAudio™, Data CD USB Flash Memory: Yes	
Media Center	Drives	CD and floppy disk drive
	Dimensions (W x H x D)	16" x 10-1/8" x 2-7/8" (405 x 257 x 73 mm)
	Weight	7.3 lbs. (3.3 kg)
Pocket Remote Control Dimensions (W x H x D) Weight	2-15/16" x 5-7/16" x 15/16" (74 x 138 x 23 mm) 7.4 lbs. (210 g)* *Includes rechargeable battery, but not the screen protector and wireless LAN card.	
Monitor Speakers	Rated Power Output	20W x 2; tone and volume controls
	Drivers	6-1/4" (16 cm) woofer x 2
	Dimensions (W x H x D)	5-11/16" x 9-5/16" x 6-5/8 (144 x 236 x 167 mm)
	Weight	9.7 lbs. (4.4 kg)
Record/Playback Modes	Standard	
Pitch Control	Set at A=440, tunable 50 cents in 1-cent steps	
Sound Muting Mechanism	Motor-driven hammer shank stopper	
Piano Voice and Performance Tone	Type	AWM2/Articulation Element Modeling (AEM)
	Polyphony	64-note digital stereo sampling (90MB wave memory, 16 bit linear) (AWM2) 6-note AEM
	Normal Voices	Piano (digital stereo sampling) and other 42 voices
Ensemble Tone	Type	Advanced Wave Memory 2 (AWM2)
	Polyphony	32-note max.
	Ensemble Parts	16
	Voice Module Modes	XG, GM
	Normal Voices	676
	Drum Voices	21 kits total
Power Source	Local AC current, 100~240V, 50/60Hz	
Supplied Accessories	Media Center, installation kit for the Media Center, monitor speaker, installation kit for the monitor speaker, speaker cord, PRC100 Pocket Remote Control, CF wireless LAN card, EA-BL08 rechargeable battery, cradle, EA-70 AC adapter, AC power cord, advanced operating manual, Quick Guide, stereo headphones	
Optional Accessories	HPE-170 headphones	
Length Width Height	6' 11" (186 cm) 61 " (149 cm) 40-1/2 " (101 cm)	
Weight	977 lbs. (443 kg.)* *Weight includes control unit and speakers	
Finish	All models available in polished ebony finish. Please contact your dealer for other available finishes.	

YAMAHA CORPORATION OF AMERICA

DC2M4

Mark IV Series Full-Function Grand Pianos

$24,500.00

Enlarge Picture

Built to Perform

The Ultimate in Personal Music Entertainment

Ever since the original Yamaha Disklavier introduced the marvels of hybrid acoustic/digital pianos back in 1986, these computer-age player pianos have evolved into instruments that can reproduce live acoustic piano concerts and ensemble music with instrumental backings and vocal tracks. The Disklavier Mark IV takes this all a step further. Yamahas unique combination of both acoustic and digital superiority has made it the obvious choice of music-lovers, pianists, and educators worldwide. Its easy-to-operate user functions make the Disklavier a breeze to customize and automate, always giving you the right music at the right time. Combining the tone and touch of world-class Yamaha grand pianos with an astonishing range of interactive capabilities, the Mark IV is the ultimate piano for home entertainment systems, business establishments, or educational and creative environments.

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Specifications:

DC2M4		
Sensor System	Key Sensors	Non-contact optical fiber/grayscale shutter sensing system for 88 keys (senses the key position, keying velocity, and key releasing velocity)
	Hammer Sensors	Non-contact optical fiber/grayscale shutter sensing system*
	Pedal Sensors	Non-contact digital optical sensing system (senses the pedal position)** *Except for DGC1M4, DC1M4, DC2M4 **Continuous sensing for the damper and soft pedals, and on/off sensing for the sostenuto pedal.
Drive System	Keys	DSP servo drive system (high-power

		servo controlled solenoids)
	Pedals	DSP servo drive system (servo controlled solenoids)
Data Storage	Internal Memory	80GB
	File Format	Standard MIDI File (format 0, 1) / E-SEQ
Removable Media	Floppy Disk: 3.5" 2DD (720 KB) or 2HD (1.44 MB) floppy disk Compact Disc: Audio CDs, PianoSoftoPlusAudio™, Data CD USB Flash Memory: Yes	
Media Center	Drives	CD and floppy disk drive
	Dimensions (W x H x D)	16" x 10-1/8" x 2-7/8" (405 x 257 x 73 mm)
	Weight	7.3 lbs. (3.3 kg)
Pocket Remote Control Dimensions (W x H x D) Weight	2-15/16" x 5-7/16" x 15/16" (74 x 138 x 23 mm) 7.4 lbs. (210 g)* *Includes rechargeable battery, but not the screen protector and wireless LAN card.	
Monitor Speakers	Rated Power Output	20W x 2; tone and volume controls
	Drivers	6-1/4" (16 cm) woofer x 2
	Dimensions (W x H x D)	5-11/16" x 9-5/16" x 6-5/8 (144 x 236 x 167 mm)
	Weight	9.7 lbs. (4.4 kg)
Record/Playback Modes	Standard	
Pitch Control	Set at A=440, tunable 50 cents in 1-cent steps	
Sound Muting Mechanism	Motor-driven hammer shank stopper	
Piano Voice and Performance Tone	Type	AWM2/Articulation Element Modeling (AEM)
	Polyphony	64-note digital stereo sampling (90MB wave memory, 16 bit linear) (AWM2) 6-note AEM
	Normal Voices	Piano (digital stereo sampling) and other 42 voices
Ensemble Tone	Type	Advanced Wave Memory 2 (AWM2)
	Polyphony	32-note max.
	Ensemble Parts	16
	Voice Module Modes	XG, GM
	Normal Voices	676
	Drum Voices	21 kits total
Power Source	Local AC current, 100~240V, 50/60Hz	
Supplied Accessories	Media Center, installation kit for the Media Center, monitor speaker, installation kit for the monitor speaker, speaker cord, PRC100 Pocket Remote Control, CF wireless LAN card, EA-BL08 rechargeable battery, cradle, EA-70 AC adapter, AC power cord, advanced operating manual, Quick Guide, stereo headphones	
Optional Accessories	HPE-170 headphones	
Length Width Height	5' 8" (186 cm) 58-3/4" (149 cm) 39-3/4" (101 cm)	
Weight	752 lbs. (341 kg.)* *Weight includes control unit and speakers	
Finish	All models available in polished ebony finish. Please contact your dealer for other available finishes.	

YAMAHA CORPORATION OF AMERICA

MPC6

6' 11" Grand MIDIPiano

#26,000.00

The Piano That Lets You Connect

The Yamaha MIDIPiano lets you connect traditional tone, touch and elegance to the world of digital electronics. The quality and craftsmanship inherent in every Yamaha piano are combined with state-of-the-art fiber optic technology. Multi-point optical sensors at each key and pedal register every facet of the player's performance with unparalleled precision, instantly transforming keystrokes into digital data. This opens the doorway to a new world of creative educational opportunities.

MIDI In/Out

MIDI Musical Instrument Digital Interface connects the MIDIPiano to other keyboards, external modules (like the Yamaha DSR1 Digital Sequencer Recorder) and computers.

Computers

With the simple connection to a computer you can record and print your own music, learn to play the piano and even download music from the internet.

Double Sensor System

The sensor system consists of optical sensors located at each key and hammer. This industry unique feature provides the highest degree of precision and sensitivity. Because these sensors are optical, they have no effect on the feel of the keys as they accurately transmit every nuance of your playing to the digital electronics.

Yamaha QuickEscape™ Action and Piano Mute Rail

When you engage the Piano Mute Rail, the hammers will not strike the strings, allowing you to play MIDI sounds or the onboard digital piano sound without hearing the acoustic piano. The exclusive QuickEscape™ action mechanism provides a consistent touch in either the piano mute mode or acoustic mode. These two features instantly convert the MIDIPiano into the perfect MIDI controller or multi-track recording instrument.

Built-In Digital Piano Sound

The on-board digital piano expands your playing potential. The sound of a Yamaha

concert grand is digitally recorded and captured on a powerful 30 megabyte computer chip and available at your fingertips.

Key-Release Velocity

The key-release velocity feature can detect and respond to expressive fingering, capturing the speed each key is released. Key-release velocity results in the capturing the characteristic sound and feel of an acoustic piano while playing the digital piano.

Headphones

Plug in the headphones and enter your own concert hall environment with the tone and ambiance of a concert grand on stage. Add the piano mute rail and you can play in complete privacy.

Reverb

Add the acoustic environment of a concert hall.

Audio Out

Project the sampled sound of a concert grand through speakers or direct to a tape deck.

Produced by the World's Leading Piano Manufacturer

This grand piano is of the highest quality, designed for high sound quality with reliability and attention to detail built in at every stage. Yamaha has the rare combination of advanced optical fiber sensor technology, extensive experience with digital pianos and keyboard, and a long tradition of acoustic excellence in piano design.

Seasoned for Destination

Yamaha specifically seasons this piano for the U.S. market. The tuning stability, finish and overall musical integrity are enhanced over the long life expected of a fine piano.

Permanent Crown Solid Soundboard

Yamaha utilizes a process that creates a permanent crown in the soundboard and at the same time minimizes soundboard cracking. The customer can feel confident that not only will the piano last for years, but the beautiful sound of a Yamaha piano will last a lifetime.

Solid Spruce Soundboard

At the Yamaha lumber mill and wood processing facility, the finest spruce is quarter sawn; and less than 10% of the total is selected and reserved for Yamaha piano soundboards. Solid spruce, rather than laminated spruce or poplar, is the choice in all fine pianos for the best amplification of sound, best tone and sustain.

Full Length Ribs

Yamaha reinforces the crown in its soundboards by using ribs that continue to the edge of the soundboard and are glued into the notched liner (or inner rim on the grand piano). Reinforcing the crown ensures that the tone quality will remain for years and years and improves tuning stability.

V-PRo Plate

Yamaha uses V-PRo (Vacuum Shield Mold Process) in casting the iron frame (plate). V-Pro plates are stronger and visually more appealing. Critical dimensions

are produced more accurately than before.

Extruded Aluminum Action Rails

Yamaha engineering developed a unique Extruded Aluminum Alloy Action Rail (bearing a Yamaha patent) that is one of the best innovations for improving a piano action in the last 100 years. The usual fluctuations in wood rails that effect touch, caused by periodic weather changes, are eliminated allowing stable, long-lasting action regulation.

Balanced Action

Each key of a Yamaha piano is individually tested and measured for the corrections needed to obtain uniform "down weight" pressure. Yamaha actions play correctly and uniformly. This balancing helps ensure a lifetime of superior touch and control across the keyboard.

Uniform Key Travel

Yamaha designs all grand and vertical pianos to have the same key travel. Regardless of size, type or model of Yamaha piano, the keyboards will always feel the same.

Spruce Keys

Yamaha uses Spruce for the keys on all models of pianos. Spruce is very light and possesses a very high ratio of strength to weight. It is ideal for key construction, even though its cost is greater than either sugar pine or bass wood. Yamaha keyboards respond quickly providing fast repetition for the most intricate piece of music. Yamaha keyboards withstand heavy use over years of fortissimo passages.

Yamaha Servicebond™ Assurance Program

The Yamaha Servicebond Assurance Program is provided to the customer, without additional charge, 3-8 months after delivery of their piano. This service is a thorough check up and adjustment procedure to "rejuvenate" a piano after play-in and acclimation to its new environment. After 3-8 months or so of settling and becoming acclimatized, the piano will receive the benefit of a service visit to return it to the conditions specified by the manufacturer.

Specifications:

Piano Silencing Mechanism	Lever-activated hammer shank stopper	
Action	Grand piano action with Quick Escape mechanism	
Sensor System	Keys: 88 two-beam, four-point optical fiber sensors (key-release velocity sensing); Hammers: 88 one-beam, two-point optical fiber sensors; Sustain and shift pedals: Continuous position sensors; Sostenuto pedal: On/off sensor	
Digital Piano Tone Generator	Type	Digital stereo sampling with sustain pedal resonance effects
	Voice	Yamaha CFIIIS concert grand piano;
	Memory	30 megabyte (wave memory)
	Polyphony	32-note stereo
	Pitch control	438~445 hertz in 1-hertz steps, fine tuning in 1.2 cent steps
Reverb	Room, Hall1 (default), Hall2, with continuous depth control	

Other Controls	Volume, power switch with pilot lamp
Demonstration Songs	8
Power Supply	15V DC, 2000mA supplied from AC adaptor
Connectors	Headphones x 2, MIDI In/Out, AUX In/Out, DC In
Finish	Polished Ebony
Depth (Length)	6' 11"
Net Weight	880 lbs.

Accessories:

Included:

HPE-170	Headphones x 1
AC adaptor	
Owners manual	

Optional:

DSR1	Digital Sequencer Recorder – Tone Generator for the Disklavier, Clavinova, GranTouch, or MIDIPiano.

7282

shippable items

	Item No.	Item Name	Supplier	Price	Qty	Total	
1	1000338	**Selections from "Evita"**	USA-1	$34.95	1	$34.95	remove
2	1000326	**Rhapsody In Blue/ Spellbound Concerto**	USA-1	$34.95	1	$34.95	remove
3	1005108	**Classical Piano**	USA-1	$34.95	1	$34.95	remove
4	1000294	**Selections from "Guys and Dolls"**	USA-1	$34.95	1	$34.95	remove
5	1005065	**Selections from "Cats"**	USA-1	$34.95	1	$34.95	remove
6	1000360	**Tony Bennett Collection - 'I Left My Heart in San Francisco'**	USA-1	$34.95	1	$34.95	remove
7	1000292	**Grieg Piano Concerto In A minor**	USA-1	$34.95	1	$34.95	remove
8	1000324	**Rachmaninoff Piano Concerto No. 2 In C Minor Op. 18 - Disklavier Version**	USA-1	$34.95	1	$34.95	remove
9	1000349	**Tchaikovsky**	USA-1	$34.95	1	$34.95	remove
10	1000291	**George Gershwin - Warsaw Concerto/ Second Rhapsody**	USA-1	$34.95	1	$34.95	remove
11	1000374	**Classic Gems 1 - CueTime**	USA-1	$34.95	1	$34.95	remove
12	1000272	**Classic Treasures**	USA-1	$34.95	1	$34.95	remove
13	1000309	**Messiah Highlights**	USA-1	$34.95	1	$34.95	remove
14	1000337	**Selections from "Carousel"**	USA-1	$34.95	1	$34.95	remove
15	1005062	**Selections from the King and I**	USA-1	$34.95	1	$34.95	remove
16	1006025	**Selections From A CHORUS LINE**	USA-1	$34.95	1	$34.95	remove
17	1000487	**Piano Concertos 2**	USA-1	$34.95	1	$34.95	remove
18	1048880	**Classic Gems 2**	USA-1	$34.95	1	$34.95	remove
19	1046661	**Classic Gems 3 - Early Level Repertoire - CueTime**	USA-1	$34.95	1	$34.95	remove
20	1025809	**DICHTERLIEBE OP. 48**	USA-1	$39.95	1	$39.95	remove
21	1000371	**Celeste Tavera in Recital**	USA-1	$39.95	1	$39.95	remove
22	1010777	**SONATAS FOR VIOLIN**	USA-1	$39.95	1	$39.95	remove
23	1001653	**Sonatas for Cello**	USA-1	$39.95	1	$39.95	remove
24	1061771	**EDITH PIAF - A TRIBUTE!**	USA-1	$39.95	1	$39.95	remove
25	1001654	**Broadway Duets**	USA-1	$39.95	1	$39.95	remove
26	1039352	**Carol Welsman- Hold Me**	USA-1	$39.95	1	$39.95	remove
27	1001656	**Soprano Arias**	USA-1	$39.95	1	$39.95	remove

order summary

Subtotal:	**$983.65**
After Savings:	**$983.65**

www.yamaha.com

NORTHWESTERN STATE
UNIVERSITY OF LOUISIANA
Natchitoches, LA 71497

College of Liberal Arts
P. O. Box 5314

Telephone (318) 357-4330
FAX (318) 357-4255

March 22, 2006

To Whom It May Concern:

Since the 1940's, Northwestern State University of Louisiana has supported one of the best creative and performing arts programs in the American South. Immediately after World War II, NSU leadership focused on Arts as an area of excellent. In the early 90's, Northwestern chose our School of Creative and Performing Arts as an official Center of Excellence.

Thanks in large part to earlier Student Technology Grant funding, Mr. Brent and his faculty have acquired the necessary financial support to maintain state-wide leadership in technology. The grant money requested here provides the continued development of CAPA's leadership in technology.

For many reasons—a quality education for our students, recruitment, a tough job market, and community service— I support the grant request(s) submitted by NSU's School of Performing Arts.

Sincerely,

Donald W. Hatley, Dean
NSU, College of Liberal Arts

NORTHWESTERN
State University
A Member of the University of Louisiana System
Natchitoches, Louisiana 71497

Mrs. H.D. Dear, Sr. and Alice E. Dear
School of Creative and Performing Arts
Art 318-357-4483
Music 318-357-4522
Theatre 318-357-5744
FAX: 318-357-5906

March 22, 2006

TO: STAT Committee

FROM: Bill Brent

It is with pleasure that I support the Student Technology Grants that have been prepared and presented by Alan Sypert.

GRANT I – pertaining to technology for the percussion studio

Northwestern is fortunate to have, without a doubt, one of the most talented percussion studios in this area of the United States. With more than forty students who participate actively in the studio, it is easily the largest of any private music studio at Northwestern. Each academic year, students from this studio present a variety of performances that vary from the marching field with the "Spirit of Northwestern" to the concert stage performing with concert bands, symphony orchestra, jazz orchestra and the percussion ensemble. It is terribly important that we provide equipment that will allow us to educate our students in the latest technological advances in percussion education. Otherwise, we will rapidly see a decline in the quality of the studio and the number of students participating. The equipment funded by this grant will allow us to do that for several years to come.

GRANT II – pertaining to superscope CD recorders

The equipment requested in this grant will allow us to better utilize equipment that has already been funded by a previous student technology grant. At the present time, to utilize the superscope recorders requires an excess amount of time for "set-up" and "break-down" and limits the number of programs that can be recorded. This grant will allow us to make the equipment available for more performances and for use by more students. It is a wise investment of additional funds in this area.

GRANT III – pertaining to disklavier pianos

Northwestern has one of the finest undergraduate piano programs in this area of the United States. While several new pianos have been purchased, we still do not have enough rehearsal pianos available for our students. Further, due to the reputation of our piano and vocal faculty, we anticipate this area to continue to grow in quantity and quality. These additional pianos will allow us to address this problem for many years to come.

The Student Technology Grant program has been a tremendous help to the School of Creative and Performing Arts and the faculty and students of the School are deeply appreciative for all of the support we have received in the past. If these additional grants are funded, the School assures the STAT Committee that it will continue to provide an outstanding education for all of our students and quality performances on the NSU campus and beyond.

Your consideration is appreciated.

2006.0035

FF

Student Technology Fee
Funding Request Form
Surplus Money Fiscal Year 2005-06
Northwestern State University of Louisiana

Prepared by: Alan Sypert For: Ken Green

College: Liberal Arts Campus: Natchitoches Department: CAPA

Where will requested equipment be located/installed/housed: Bldg. 25 Room 114

Are property policies and procedures in place by the department for equipment requested. Yes

Delivery to the Student Technology office located in Watson Library, Room 113. Date _____

1. Describe target audience.

All Music Majors. Percussion major and minor students. Percussion Ensembles, Jazz Bands, Pep Band, Marching Band.

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

To purchase a state of the art electronic percussion trap set and hand percussion sets along with the accessories required too operate these sets. As well as a state of the art tuning system for our tympani drums. These devices create thousands of sounds that would otherwise require tens of thousands of dollars worth of equipment to produce.

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

This project will provide a new level of technology to our program. The project will affect numerous ensembles and allow students to perform in front of audiences with the best equipment available on the market today. The project's impact will be apparent in the quality of music achieved at these performances and in the setup and take down time for the performer.

4. Indicate how each project objective will be evaluated.

Performances are open to students, faculty, staff and the community. All performances in Magale Recital Hall are recorded and often used as audition materials for Graduate Schools or jobs. The quality of these performances will be the evaluation for the impact of this project. The project also allows the performer to setup and tear down in about a quarter the time it takes to setup a traditional trap set. This allows the performer to move equipment from room to room which is often required since consecutive rehearsals are frequently in different rooms. It will also allow a single student to set up and create thousands of sounds that now require multiple students performing on multiple instruments to create.

5. Provide a justification for funding of 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.

This project will directly affect the percussion studio which currently has about 40 students in it. These are the students who will actually be using the equipment on a daily basis. It will also benefit the numerous ensembles mentioned above the membership in these ensembles represent over 600 students. Thousands more would be more indirectly affected by this project through attending performances in which this equipment will be used.

6. How will funding of the project advance the University and College / unit technology plan?

This project will provide students with state of the art equipment used in their professional field. It will also provide University students with technological equipment that will support a learning environment.

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.

Ken Green Associate Director of Bands and Percussion Studio Faculty will be in charge of this project. He currently operates and maintains all percussion equipment owned by NSU.

Masahito Kuroda member of the Music Faculty will be the music technology expert consulted with any technology questions.

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

Once the equipment is purchased and installed in the percussion studio, Mr. Green will be in charge of training student on the use of the equipment. No other support will be required for this project.

9. Provide a schedule for implementation and evaluation.

Funding approval in April
State Bid process follows
Once a vendor has been selected the equipment will be ordered.
Delivery of equipment occurs over the summer break.
Equipment will be available at the beginning of summer band.

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

The hardware should last for at least 15-20 years. Software upgrades will be made available frequently and will integrate easily with this system. This will allow us to easily upgrade our current equipment, adding new sounds and effects, without purchasing new hardware.

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.

The equipment will be stored in the percussion studio which is locked at all times. This equipment is not small and should not be something that might "walk off". CAPA is currently researching additional security measures such as a key swipe door system that would be separate from the one card system. Beyond this, this equipment will be monitored on a daily basis as it will be used very frequently.

12.	Attach a detailed budget, including: specs., description, cost, state contract number, and vendor for each item; cost of outside support personnel; and a description of how the proposal will support University/College/unit resources (i.e., cash match, funds from other sources, or reallocation of existing hardware/software or other equipment.
13.	Attach a letter of support for the project signed by the requesting unit's Dean, the appropriate Vice President (for non-academic units), or the SGA President from the requesting campus (for student requests).

TD-20S: V-Pro Series	$5,200.00
SPD-20: Total Percussion Pad	$600.00
HandSonic 15: HPD-15 Hand Percussion Pad	$800.00
SPD-S: Sampling Pad	$495.00
TDA-700: V-Drums Amp.	$800.00
TDM-20: V-Drums Mat	$200.00
PDS-10: Pad Stand (@ $125 x3)	$375.00
CB HPD-10: Gig Bag (@$90 x3)	$270.00
DW 9002: Bass Pedals	$500.00
DW 9300: Snare Stand	$115.00
DW9500: Hi-Hat Stand	$250.00
Roc-N-Soc: Nitro Throne	$300.00

TD-20S-BK: V-Pro Series (black finish)

Features

A New Chapter In V-Drums History.
With the V-Pro™ Series TD-20S, Roland improves upon the industry-standard V-Drums® by starting from the ground up. At the heart of this flagship set is the TD-20 module with new sounds and functions, superb expressiveness and in-depth V-Editing. The patented mesh pads now feature great dynamic range and natural rim shot triggering, along with a new look and stunning black finish. The TD-20S also features Roland's amazing new V-Hi-Hat™ and a new drum stand designed to hide the cabling. With this powerful new combination of pads and hardware, the V-Pro Series TD-20S lets drummers express themselves more naturally and with more realism than ever before!

The V-Pro Series includes the following components:
- (1) TD-20 Percussion Sound Module
- (3) PD-125BK 12"dual trigger V-Pad
- (2) PD-105BK 11"dual trigger V-Pad
- (1) VH-12 V-Hi-Hat with two cymbals
- (2) CY-14C 14" V-Cymbal Crash
- (1) CY-15R 15" V-Cymbal Ride
- (1) KD-120BK V-Kick Trigger Pad
- (1) MDS-20BK Drum Stand

Flagship V-Drums kit with new TD-20 sound module, improved mesh-head V-Pads™, highly acclaimed V-Cymbals™ and innovative new V-Hi-Hat for complete playability

TD-20 Percussion Sound Module with over 500 new sounds, improved dynamics and sensitivity, plus CompactFlash storage and V-LINK

*15 dual-trigger inputs, 10 audio outputs and digital output, 8 group faders and built-in sequencer, Mastering Room and more

*All-new V-Editing includes modeled snare buzz, kick beater selection, and greater cymbal customizing (i.e. size, "sizzle," mic positions)

*New PD-125 (12") and PD-105 (10") dual-trigger V-Pads feature better dynamic response, more even and accurate head/rim triggering and rim shot capability on toms

*New VH-12 V-Hi-Hat with two cymbals for full motion capability and natural feel

*Ergonomically designed MDS-20 V-Drums Stand (also sold separately) with more durable hardware, sleek raked design, easier vertical adjustment and 16 cables (included) hidden neatly inside the tubing

*Expansion slot for future upgrades and enhancements

**V-LINK requires optional Edirol DV-7PR with software version 1.50 or higher.*
Kick drum pedal, snare stand, and hi-hat stand not included.

Drum Workshop, hardware to complete the drum kit.

DW 9002: Double Bass Drum Pedals with case: Patented features like the free-floating rotor-drive system, rotating swivel spring and infinitely adjustable cam, are aligned to create a more direct transfer of energy that optimizes the stroke for more power and precision. The Infinite Adjustable Cam allows the pedal to be easily set from Accelerator to Turbo Drive or anywhere in-between. The 9002 Double Pedal includes a Molded Carrying Case.

DW 9300: Standard Snare Drum Stand: The 9300 Series Snare Stand is the only stand designed with double pedal setups in mind. The offset basket allows you to comfortably position the tripod legs and then fine-tune your snare drum position both vertically and horizontally.

DW 9500: Hi-Hat Stand: The DW 9500 Two-Leg Hi-Hat utilizes a patented Double Eccentric Cam that increases the sensitivity of the footboard in relation to cymbal movement, resulting in a unique, incredibly fast and responsive feel. The Infinitely Adjustable Locking Spring Tension feature allows for precise adjustment to offset the weight of the top cymbal, creating a customized feel. (Infinite Adjusting Spring Tension)

Roc n Soc: Nitro Throne & Back Rest: Black cloth seat panel throne, original shape, with back rest and nitrogen gas shock absorber.

Quantity	Item	Unit Price	Total Price
(1)	TD-20K-BK: V-Pro Series (black)	$5,595.99	$5,595.99
(1)	TDA-700: V-Drums® Amplifier	$ 895.00	$ 895.00
(1)	HandSonic 15: HPD-15 Hand Percussion Pad	$ 995.00	$ 995.00
(1)	SPD-20: Total Percussion Pad	$ 670.00	$ 670.00
(1)	SPDS: Sampling Pad	$ 495.00	$ 495.00
(1)	TDM-20/-10: V-Drums Mat	$	$ 100.00
(3)	PDS-10: Pad Stand	$ 125.00	$ 375.00
(3)	CB-HPD-10: Gig Bag for HPD/SPD Series	$	$ 100.00
(1)	DW 9002: Double Bass Drum Pedal	$	$ 100.00
(1)	DW 9300: Standard Snare Drum Stand	$	$ 100.00
(1)	DW 9500: Hi-Hat Stand	$	$ 100.00
(1)	Roc n Soc Nitro Drum Throne with back rest	$	$ 200.00
		Total	$ 10805.00

Roland

SPD-20: Total Percussion Pad

Features

The SPD-20 Total Percussion Pad is Roland's flagship electronic percussion multi-pad, with a very intuitive interface and 700 high-quality percussion, drum and instrument sounds. This multi-pad is perfect for acoustic drummers looking to add electronic sounds to their sets, electronic drummers looking to expand further, and MIDI studio musicians who want to program rhythm parts more naturally.

*Compact electronic percussion multi-pad/sound module with 8 velocity-sensitive rubber pads
*700 high-quality drum and percussion sounds and various sound effects configurable into 99 patch locations
*Broad selection of ethnic/world percussion instruments
*Built-in multi-effects including Reverb, Delay, Chorus, Flanger
*Four dual-trigger inputs for triggering SPD-20 sounds from external pads and other triggering devices
*Can be connected directly to acoustic drum triggers via four drum trigger inputs
*MIDI In, Out/Thru for sequencing and other applications

SPD-S: Sampling Pad

Features

The SPD-S Sampling Pad is an affordable and easy way to add sampling to any percussion setup. A great alternative to acoustic triggers and a rack sampler, the SPD-S lets you record CD-quality samples and play them back instantly using six pads and three edge triggers. Naturally, the SPD-S also includes preset sounds and effects so you can start playing immediately.

Features

*Compact percussion multi-pad with CD-quality sampling
*Play any 8 sounds simultaneously via 6 pads and 3 edge triggers
*Up to 380 seconds of 44.1kHz user sampling (95 seconds in Fine mode)
*181 pre-loaded waveforms and 399 User waveform locations
*Re-sampling function and onboard pattern sequencer
*30 multi-effects and ambience add dimension to sounds
*Wave memory expandable via optional Compact Flash cards
*Mounts easily to conventional drum stands and hardware Includes sampling CD

HandSonic 15: HPD-15 Hand Percussion Pad

Features

The HPD-15 HandSonic™ is an electronic hand percussion multi-pad with triggering capabilities derived from breakthrough V-Drums® technology. Divided into 15 parts, the HPD-15 allows hand percussionists to play up to 600 realistic acoustic and electronic percussion sounds--15 simultaneously--with all the sensitivity that the Roland V-Drums® are famous for.

*Electronic hand percussion pad with triggering based on V-Drums technology
*10-inch rubber pad with 15 parts for triggering up to 15 sounds simultaneously
*Built-in pressure sensor allows for realistic muting and pitch control of sounds
*Main pad supports Positional Sensing for realistic timbre changes depending on area of pad hit
*Built-in sequencer with 300 percussion and drum sounds from around the world
*Onboard effects include reverb and multi-effects processors
*Realtime control via D-Beam Controller, dual ribbon controllers, three control knobs
*MIDI In/Out plus dual-trigger input and hi-hat control jack

TDA-700: V-Drums® Amplifier

Features

With their incredible sounds, expandability, and new set configurations, the V-Drums® are easily the most popular electronic drum systems in the world. Now, with the new TDA-700, the V-Drums gain the perfect amplification system with a 300-watt, bi-amp design, versatile input and output capabilities and a sound quality that's second to none.

*High-powered V-Drums amplifier with 300-watt bi-amp design and superb sound
*240-watt powered 15" woofer and 60-watt powered horn driver
*Onboard FFP™ technology maximizes amp efficiency thanks to digital control
*Dedicated V-Drums input with V-Drums Shape switch
*Versatile 3-channel design allows flexible routing and use of multiple input sources
*Output Select function permits routing of select signals to headphones, headphone + speaker or headphone + speaker + Line output
*Stereo Link capability allows for stereo TDA-700 setup with control from a single amp
*XLR Line outputs for professional stage and studio connections

TDM-20: V-Drums Mat (large size)

Features

Prevent your drum components from slipping while simultaneously safeguarding your floor from scratches and reducing impact noise/vibration. Roland's TDM-20 heavy-duty drum mat is adorned with the Roland V-Drums® logo.

- 3-layer structure with nylon filament, felt, and soft urethane resin for noise reduction and shock absorption
- Excellent match w/ Velcro tape to hold the kick-trigger pad or kick pedal on the mat
- Non-flammable materials

PDS-10: Pad Stand

Solid Percussion-Controller Support

We need two (3). One ea. for HPD-15, SPD-20, SPD-S.

Features

Along with the debut of the Roland HandSonic 10 comes a new double-braced support stand: the PDS-10. It's the successor to the PDS-15, and features a newly improved angle clamp that provides 200 degrees of tilt. The stand is designed to be used with Roland's HPD- and SPD-series instruments, which include the HandSonic 10, HandSonic 15, SPD-20, and SPD-S.

- New angle-adjustment clamp that offers 200 degrees of tilt
- Double-braced tripod, 2-section pipe with height adjustment that enables standing or sitting positions
- More affordable than previous model

CB-HPD-10: Gig Bag for HPD/SPD Series

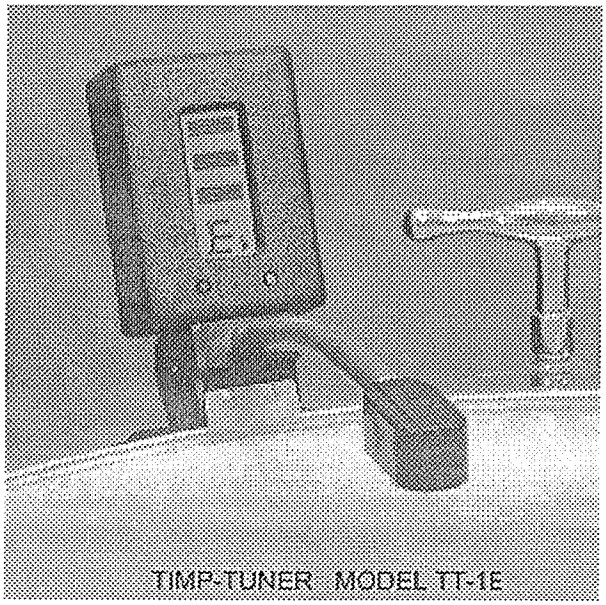
We need two (3). One ea. for HPD-15, SPD-20, SPD-S.

Features

The CB-HPD-10 gig bag can conveniently house a Roland HandSonic® or SPD-series instrument along with its mounting plate, plus a pad stand (e.g., PDS-10), AC adapter, and headphones.

- Gig bag designed for Roland's HPD/SPD series
- Lightweight-yet-durable polyester material
- Shoulder strap and handle belt
- Special pockets to hold CF cards (inside) and text books (outside)

TIMP-TUNER™



PRICE - Timp-Tuner™ Model TT-1E

QUANTITY	PRICE (US Dollars)
1	$ 199.00
2	@ $ 195.00 ea.
3	@ $ 190.00 ea.
4	@ $ 185.00 ea.
5 or more	@ $ 180.00 ea.

Plus shipping (and, for shipment to NY State, sales tax if applicable).

Flat Rate Shipping Charges USA $10, Canada & Mexico $15, other international $20

HOW TO ORDER

select one of the following options:

Buy Now Online Purchase Order Prepaid and COD

Protune Corp., P.O. Box 1808, Poughkeepsie, NY 12601
info@protune.com

DESCRIPTION

Timp-Tuner™ is fast, accurate, and it works even in a noisy environment with other instruments playing. It's pickup doesn't "hear" anything: it detects only the drumhead vibrations. The unique patented pickup on the new Model TT-1E provides high sensitivity, isolation from surrounding sound, and long working distance to the drumhead. It works like Radar, sensing only the head vibrations of the drum on which it is mounted. Each single-drum unit is entirely self-contained. No wires to tangle or trip over.

It's the best! Here's why. Timp-Tuner™ shows you what counts - the note that is actually sounding and whether it is on pitch - while mechanical gages only tell you where the pedal is. Some acoustic tuners may work on timps in a quiet room, but try using them while the band is playing! Only Timp-Tuner™ can do that. Use Timp-Tuner™ to set up your drums, and as an ear-training practice tool. You'll get the best out of your drums.

Use a full set (one per drum) for ear training and performance tuning. Or, just one unit for drum setup (installing and balancing heads, setting mechanical gage markers)

HOW TIMP-TUNER™ IS USED

TAPPING THE DRUM: Repeated light tapping with a soft mallet gives the best results. This generally keeps the drum sounding with a strong fundamental, providing a continuous reading of the fundamental on the display.

READING THE DISPLAY: The liquid crystal display automatically shows the note that is sounding. Up or down motion of the strobe bars shows tuning error. The bars move up (sharp) or down (flat) at a rate proportional to tuning error. The slower the bar pattern moves, the closer the note is to being in tune. When the note sounded is in tune, the bar pattern is motionless.

When not displaying a note, all of the bars are displayed, and, periodically, a number is shown that indicates calibration setting.

MOUNTING TO THE DRUM

Timp-Tuner™ attaches to the counter-hoop (outer tensioning ring) of the drum, placed diagonally across from the normal striking position. The mounting device adjusts to fit conventional hoops. Mounting is fast and easy, and does not require use of any tools. Drums of unusual configuration may require special adapters (example: drums that have cable or chain adjusters going from lug to lug across the top). An optional method of mounting the Timp-Tuner™ to a music stand shaft is available, and may be convenient if a single Timp-Tuner™ is to be moved frequently from one drum to another.

TIMP-TUNER™ FEATURES

- Automatic, Full-Range Chromatic Tuner
- Unique pickup provides isolation from surrounding sound
- Quartz Crystal Accuracy. Compact Size
- Protune's Unique Easy-Reading Liquid Crystal Display
- Selectable Calibration Presets, A-436 through A-445
- Uses (3) AA-size Batteries (alkaline or rechargeable)
- Battery condition indication each time it is turned on
- Long Battery Running Time (over 60 hours on Alkalines)
- Display backlight, selectable for maximum battery life

NORTHWESTERN STATE
UNIVERSITY OF LOUISIANA
Natchitoches, LA 71497

College of Liberal Arts
P. O. Box 5314

Telephone (318) 357-4330
FAX (318) 357-4255

March 22, 2006

To Whom It May Concern:

Since the 1940's, Northwestern State University of Louisiana has supported one of the best creative and performing arts programs in the American South. Immediately after World War II, NSU leadership focused on Arts as an area of excellent. In the early 90's, Northwestern chose our School of Creative and Performing Arts as an official Center of Excellence.

Thanks in large part to earlier Student Technology Grant funding, Mr. Brent and his faculty have acquired the necessary financial support to maintain state-wide leadership in technology. The grant money requested here provides the continued development of CAPA's leadership in technology.

For many reasons—a quality education for our students, recruitment, a tough job market, and community service— I support the grant request(s) submitted by NSU's School of Performing Arts.

Sincerely,

Donald W. Hatley, Dean
NSU, College of Liberal Arts

NORTHWESTERN
State University
A Member of the University of Louisiana System
Natchitoches, Louisiana 71497

Mrs. H.D. Dear, Sr. and Alice E. Dear
School of Creative and Performing Arts
Art 318-357-4483
Music 318-357-4522
Theatre 318-357-5744
FAX: 318-357-5906

March 22, 2006

TO: STAT Committee

FROM: Bill Brent

It is with pleasure that I support the Student Technology Grants that have been prepared and presented by Alan Sypert.

GRANT I – pertaining to technology for the percussion studio

Northwestern is fortunate to have, without a doubt, one of the most talented percussion studios in this area of the United States. With more than forty students who participate actively in the studio, it is easily the largest of any private music studio at Northwestern. Each academic year, students from this studio present a variety of performances that vary from the marching field with the "Spirit of Northwestern" to the concert stage performing with concert bands, symphony orchestra, jazz orchestra and the percussion ensemble. It is terribly important that we provide equipment that will allow us to educate our students in the latest technological advances in percussion education. Otherwise, we will rapidly see a decline in the quality of the studio and the number of students participating. The equipment funded by this grant will allow us to do that for several years to come.

GRANT II – pertaining to superscope CD recorders

The equipment requested in this grant will allow us to better utilize equipment that has already been funded by a previous student technology grant. At the present time, to utilize the superscope recorders requires an excess amount of time for "set-up" and "break-down" and limits the number of programs that can be recorded. This grant will allow us to make the equipment available for more performances and for use by more students. It is a wise investment of additional funds in this area.

GRANT III – pertaining to disklavier pianos

Northwestern has one of the finest undergraduate piano programs in this area of the United States. While several new pianos have been purchased, we still do not have enough rehearsal pianos available for our students. Further, due to the reputation of our piano and vocal faculty, we anticipate this area to continue to grow in quantity and quality. These additional pianos will allow us to address this problem for many years to come.

The Student Technology Grant program has been a tremendous help to the School of Creative and Performing Arts and the faculty and students of the School are deeply appreciative for all of the support we have received in the past. If these additional grants are funded, the School assures the STAT Committee that it will continue to provide an outstanding education for all of our students and quality performances on the NSU campus and beyond.

Your consideration is appreciated.

✓ 2006.0045

Student Technology Fee
Funding Request Form
Surplus Money Fiscal Year 2005-06
Northwestern State University of Louisiana

FF

Prepared by: Alan Sypert For: Jeffery Mathews

College: Student Activities Campus: Natchitoches Department: Student Activities

Where will requested equipment be located/installed/housed: Bldg. S.U./WRAC - Ballroom/Pres. RM

Are property policies and procedures in place by the department for equipment requested. Yes

Delivery to the Student Technology office located in Watson Library, Room 113. Date _____

1. Describe target audience.

All students on the Natchitoches Campus, and all individuals who enter the Student Union and the WRAC.

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

To purchase additional presentation devices that will be located in the student union. These devices will provide students with more tools to make presentations and stay informed about campus events. To purchase a monitor to be located in the WRAC lobby to display campus events and announcements.

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

To make better use of the Ballroom and the Presidents Room and the SGA office by adding multimedia presentation capability.

To increase the use of the STAT funded Axis TV project and expand its services to the WRAC.

4. Indicate how each project objective will be evaluated.

Facility use is closely monitored in the student union and data will be collected to see how much the equipment is used. The effectiveness of the Axis TV expansion in the WRAC will be measured by the number of student participation in the events that the new monitor will be advertising.

5. Provide a justification for funding of 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.

This project will directly affect the numerous students. Many student organizations and classes make use of the rooms in the student union and this project will improve the learning experience for those organizations. The WRAC monitor will reach a large number of students that don't make it to the union and should include a new audience of students to participate in events. There are over 2000 student involved in student organizations.

6. How will funding of the project advance the University and College / unit technology plan?
   This project will provide University students with technological equipment that will support a learning environment.

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.

   Mr. Jeffery Mathews will be the Project Supervisor

8. Describe any personnel (technical or otherwise) required to support the project/initiative.
   Once the equipment is purchased and installed there will be no technical support necessary. Mr. Mathews and Mr. Dubious will be in charge of posting events and activity announcements on the monitors.

9. Provide a schedule for implementation and evaluation.
   Funding approval in April
   State Bid process follows
   Once a vendor has been selected the equipment will be ordered.
   Delivery of equipment occurs over the summer break.
   Equipment will be available at the beginning of the fall semester.

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

    The hardware should last for at least 10-15 years.

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.

The equipment will be fixed to the wall or to a cart. The WRAC is a secured and constantly monitored facility. The Student Union is also a monitored and secured facility. The ballroom and the Presidents room are used only after proper paper work has been completed for their use.

12.	Attach a detailed budget, including: specs., description, cost, state contract number, and vendor for each item; cost of outside support personnel; and a description of how the proposal will support University/College/unit resources (i.e., cash match, funds from other sources, or reallocation of existing hardware/software or other equipment.
13.	Attach a letter of support for the project signed by the requesting unit's Dean, the appropriate Vice President (for non-academic units), or the SGA President from the requesting campus (for student requests).

Creative Presentations
Visual Communications Made Simple

Date: 2/16/2006
To: Jeff Mathews/NSU Student Activities
Phone: 318-357-6511

From: Scott Albarado (scotta@creativepres.com) **Proposal #SEA-2293-0216-01**
Re: **State Contract Quote for Student Union Conference Room**

Qty	Description	Line #	*Unit Price	*Total Price
	State Contract #406245			
1	Creative Presentations - CPI-IRSENTRYLEVEL - Integrated Room Solution Entry Level - system includes - Projector XGA 2500 ANSI lumens, screen, video components, mounts for display device, interface components, cables and connectors, and miscellaneous parts.	**04001**	$ 6,086.24	$6,086.24
1	Miscellaneous Peripherals Needed	**99888**	$ 96.21	$96.21
	Total			**$6,182.45**
	Option:			
1	Creative Presentations - CPI-EXTWENTRYLEVEL - One year extended warranty for system package CPI-IRSLEVEL1 (Integrated Room Solution - Level 1).	**05001**	$ 608.62	$608.62
	Description on want is included in Bundle:			
	1) Ceiling mounted Projector 2) Electric Screen 3) Small Audio Ampifier and two ceiling speakers 4) Wallplate with all cabling running to Projector 5) Projector remote will control projector 6) All cabling, connectors and miscellaneous hardware needed for installation 7) All setup & training			
	Option for Adding WallPlates and Cabling for 2 Existing LCD Monitors installed in Student Union:			
1	Miscellaneous Peripherals include: WallPlates and all cabling needed for installation	**99888**	$ 434.00	$434.00
7	Professional Services(On-site Installation & Programming hours)	**99777**	$ 90.00	$630.00
	Total			**$1,064.00**

Note: This price is based upon our guys already being on campus for the Conference Room install

3639 Ambassador Caffery Pkwy, Suite 402, Lafayette, LA 70503
Phone (337) 406-0480 Toll Free (877) 406-0480 Fax (337) 406-0760
Corporate Office
Phone (800) 4442480 Fax (504) 454-9535

Creative Presentations
Visual Communications Made Simple

Date: 2/16/2006
To: Jeff Mathews/NSU Student Activities
Phone: 318-357-6511

From: Scott Albarado (scotta@creativepres.com) **Proposal #SEA-2292-0215-01**
Re: **State Contract Quote for Student Union Ballroom**

Qty	Description	Line #	*Unit Price	*Total Price
	State Contract #406245			
1	Creative Presentations - CPI-IRSLEVEL3 - Integrated Room Solution Level 3 - system includes - Projector XGA , large electric screen, advanced control system with switching, large presentation station, video and audio components, mounts for display devices, interface components, cables and connectors, and miscellaneous parts.	**04004**	$ 23,577.44	$23,577.44
36	Professional Services(On-site Installation & Programming hours)	**99777**	$ 90.00	$3,240.00
	Total			**$26,817.44**
	Option:			
1	Creative Presentations - CPI-EXTWLEVEL3 - One year extended warranty for system package CPI-IRSLEVEL3 (Integrated Room Solution - Level 3).	**05004**	$ 2,357.74	$2,357.74

Description on want is included in Bundle:

1) Ceiling mounted Bright Projector 2) Large Electric Screen 3) Portable Multi-Media Lectern on wheels that will hold all Mult-Media Equipment 4) Audio System that includes new ceiling speakers, amplifier, mixer & two wireless mics 5) A/V Switching and Distribtion Equipment 6) Touchpanel control system mounted to Lectern for easy control of equipment 7) VCR/DVD combo unit 8) All cabling, connectors and miscellaneous hardware needed for installation 9) All setup & training

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Creative Presentations
Visual Communications Made Simple

Date: 3/9/2006
To: Patrick Dubois/Northwestern State University
Phone: 318-357-5001

From: Scott Albarado (scotta@creativepres.com) **Proposal #SEA-2299-0309-01**
Re: **Quote Requested**

Qty	Description	Line #	*Unit Price	*Total Price
	State Contract #406245			
1	Creative Presentations - CPI-NECPX50XM4A - Plasma monitor (PX-50XM4A) - 50" diagonal, 16:9 aspect ratio. Inputs: RGB 1, RGB 2, 5 BNC, RGB 3, 24-pin DVI-D HDCP; Video 1: Composite BNC x1; Video 2: Composite RCA x1; Video 3: S-Video 4-Pin DIN; HD Video 1. One year parts and labor warranty; vendor authorized service center in Louisiana.	**02004**	$ 4,366.21	$4,366.21
1	Creative Presentations - CPI-NEC50SP1U - PlasmaSync speakers for 50XM4 and 50XM3	**03147**	$ 406.25	$406.25
1	Creative Presentations - CPI-NECTWMK42/50 - Flat panel display tilting wall mount kit for 42" and 50" displays.	**03117**	$ 222.50	$222.50
1	Miscellaneous Peripherals Include: Composite Video Distribution Amplifier, Rack mount kit, Graphic Link Option & All Cabling	**99888**	$ 500.00	$500.00
57	Professional Services(On-site Installation hours, Travel & Project Management)	**99777**	$ 90.00	$5,130.00
	Total			**$10,624.96**

Note: You already will have the AxisTV Channel Player that Jeff Mathews recently purchased. We will need this unit to setup of the system.

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Corporate Office
Phone (800) 4442480 Fax (504) 454-9535

Creative Presentations
Visual Communications Made Simple

Date: 4/3/2006
To: Alan Sypert/NSU SGA
Phone: 903-445-9644

From: Scott Albarado (scotta@creativepres.com)
Re: **Quote to Add LCD Monitor**

Qty	Description	Line #	*Unit Price	*Total Price
	State Contract #406245			
1	26" LCD Monitor with speakers & TV Tuner		$ 1,127.00	$1,127.00
1	Creative Presentations - Wall Mount Kit for Monitor	**03116**	$ 147.50	$147.50
1	Miscellaneous Peripherals Include: 150' of cabling, Connectors, Adapters & any other miscellaneous items needed	**99888**	$ 500.00	$500.00
35	Professional Services(On-site Installation & Travel)	**99777**	$ 90.00	$3,150.00
		Total		**$4,924.50**

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Phone (337) 406-0480 Toll Free (877) 406-0480 Fax (337) 406-0760
Corporate Office
Phone (800) 4442480 Fax (504) 454-9535

NORTHWESTERN STATE
University of Louisiana
Office of Student Activities and Student Union
Student Union Room 214
NSU Box 5274
Natchitoches, LA 71497

April 5, 2006

Mr. Sypert and Committee:

The Friedman Student Union staff is currently in the process of slowly upgrading the facilities. You may have noticed new televisions in the lobby of the Union and new paint and additional furniture in the third floor meeting rooms. Plans are currently ongoing to add new carpet, paint and furniture to the entire second floor of the Student Union within the next year.

The current technology request is for two complete audio/visual systems to be put in Room 221 and the Ballroom. Additionally, built in hardware will allow the televisions in the President's Room and Cane River Room to be accessible as audio/visual systems without the use of outside wires.

If approved, these systems will make these meeting rooms state of the art presentation rooms for student use. Academic class presentations could also be made in these rooms. They could also be used for training sessions, in-service meetings and other events. These systems could help the Student Union and the Division of Student Affairs contribute to the quality of education and services received by our students.

Sincerely,

Jeffrey C. Mathews
Director of Student Activities and Organizations

2006.005S

Student Technology Fee
Funding Request Form
Surplus Money Fiscal Year 2005-06
Northwestern State University of Louisiana

FF

Prepared by: Shantel Wempren For: Family and Consumer Sciences, Culinary Arts

College: Science and Technology Campus: Natchitoches Department: FACS

Where will requested equipment be located/installed/housed: Bldg.FACS Room Kitchen/Lab

Are property policies and procedures in place by the department for equipment requested. Yes

Delivery to the Student Technology office located in Watson Library, Room 113. Date _____

1. Describe target audience.
Students in the Family and Consumer Sciences department, specifically those involved in culinary arts and food sciences.

2. Describe project/initiative for which you are requesting funds.
The initiative is to purchase much needed equipment for the culinary lab/ kitchen in the FACS building. While the current equipment has been taken care of, it is very much out of date. Students need to work with new technologies as opposed to those our parents learned on.

3. State measurable objectives that will be used to determine the impact/effectiveness of the project.
-Students will learn to use equipment they would encounter in the "real world"
-Students will learn about technology related to culinary, restaurants and food service
-Students will have first hand experience with commercial equipment
-Students will have the opportunity to use the equipment that they currently only get to read about.

4. Indicate how each project objective will be evaluated.
Students will be taught how to use the equipment as part of their regular curriculum. Students will be tested on their knowledge of the equipment in a practical method as well as in a written exam.

5. Provide a justification for funding of 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.
Imagine mathematics students trying to learn without ever touching a calculator or a protractor. That is the equivalent of culinary students trying to learn without the proper tools and equipment. Not only is so much of the equipment outdated- so much is not even available for student use.

6. How will funding of the project advance the University and College / unit technology plan? Currently, students use scales that are older than the students are. The FACS department is to be commended for taking such good care of its equipment, however it's time to reward them with some upgraded equipment. Funding of the project will meet and exceed several of the "objectives" including but not limited to: Objective 1: To improve access to technology by students, faculty, and staff at NSU. Objective 2: To provide classrooms with updated technology and multimedia. Objective 3: To upgrade laboratories with modern technology. Objective 7: To establish processes that encourage technology initiatives by faculty, staff and students.

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. Chef T. Barrios and Mrs.

C. Jones will be responsible for implementing the new resources in their classes. Food Science, Food Service and Layout, Quantity Cookery, Garde Manger and Advanced Baking and Pastry among other classes will use the resources. Both professors are more than qualified and capable of using and implementing these tools in the classroom. Chef Barrios has a background as a head chef in the restaurant industry and Mrs. Jones has a background in institutional food service.

8. Describe any personnel (technical or otherwise) required to support the project/initiative. Chef Barrios and Mrs. Jones will be required to support the project by simple implementation of the resources into their daily use of the kitchen/ cooking lab.

9. Provide a schedule for implementation and evaluation. The equipment arrives. The equipment is delivered to the FACS Department. The equipment goes into immediate use in either Summer 2006 (if it has arrived) or Fall 2006. Once the equipment has been in use it can be evaluated by the students in their annual survey as well as by the professors who know better than anyone else the burden of using and teaching with substandard equipment. New students who have not used the (I mean this in the most polite way possible) ancient equipment will not be able to report as well as those of us who have used it first hand but they will receive the benefits.

10. Estimate the expected life of hardware and software. Explain any anticipated equipment/software upgrades during the next five years. All items, according to quality and rating should last 5-10 years minimum. Upgrades will not be necessary with the exception of the software which receives free support and content upgrades.

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. The software will obviously be safe on the computers in the FACS department lab. The other equipment will be housed in the kitchen/ culinary lab on the second floor of the FACS building which can only be accessed by a coded door (only faculty members have the code) and through another classroom which has two separate locks. (You must be able to unlock the classroom and then unlock the culinary lab). When not in use, the doors are always closed and locked. The computer lab is locked at 5 p.m. daily.

12. Attach a detailed budget, including specs, description, cost, state contract number and vendor for each item, cost of outside support personnel.

Vacuum sealer $5695.00
Salter Electronic Kitchen Scale $59.95 x 17 = $1019.15
Beverage Air BAC Series blast Chiller $5745.56
Digital Thermometer $84.95 x 17 = $1444.15
Smart Draw Software $1495 x 2 = $2900.00

Total $29,803.86

*Additional personnel will not be necessary. I did not include state contract number and vendor because these items will go out on bid.

** attached is a letter of support from Dr. Temple

Jennifer Long

From: southernbelleiv@charter.net
Sent: Tuesday, March 28, 2006 7:17 PM
To: Jennifer Long
Subject: grants

ok- so I defently (can't spell) have $30,000 worth of stuff for FACS for this round.

Vacuum sealer $5695.00
Salter Electronic Kitchen Scale $59.95 x 17 = $1019.15 Beverage Air BAC Series blast Chiller $5745.56 Digital Thermometer $84.95 x 17 = $1444.15 Smart Draw Software $1495 x 2 = $2900.00

Total $29,803.86

I would prefer not to put any of them off, as I have a short attention span, and after this is over I want to start working on bigger and better things.

I talked to ms. sheila gentry today and she was telling me about the necessity of computer labs in the dorms. tomorrow I will talk to mr. mathews, then dr. moulton, then ms. shelia again and then president webb. (about the super duper computer/ technology thingy). I guess I should add hanson in somewhere since he is over stat, but I prefer dr. moulton. she likes me (doesn't think i'm retarded). she's easier to talk to. so there we go.
bye
shantel

--
Shantel M. Wempren
Vice President
Student Government Association
Northwestern State University

"The people who are crazy enough to think they can change the world are the ones who actually do."

21P

Provost & Vice President for Academic Affairs

Telephone (318) 357-5361
FAX (318) 357-4517
E-mail vpaa@nsula.edu
www.nsula.edu/provost/

Northwestern State University
Natchitoches, Louisiana 71497

A Member of the University
of Louisiana System

April 4, 2006

NSU Student Technology Committee
Natchitoches, LA 71497

RE: Letter of Support – Family and Consumer Sciences Technology Request

I am please to support the request of the Department of Family and Consumer Sciences for funding of a Student Technology Fee Grant.

The grant will assure that students taking classes in the Department of Family and Consumer Sciences will be provided with the resources needed to promote optimal learning. With the funding of the grant, the Department of Biological Sciences will enhance students' educational experiences, fulfilling the University Vision and Mission.

Sincerely,

Thomas Hanson

Dr. Thomas Hanson
Provost and Vice President
for Academic Affairs

TH/s

Cc: Dr. Austin Temple,
Dean, College of Science and Technology

2006.0065
PF
Warehouse agrees for misc. items

Student Technology Fee
Funding Request Form
Surplus Money Fiscal Year 2005-06
Northwestern State University of Louisiana

Prepared by: Dr. Gillian Rudd, Ifrah Jamil, and Richard Fontenot For: Lab Equipment

College or Unit: Science and Technology Campus: Natchitoches Department: Chemistry & Physics

Where will requested equipment be located/installed/housed: Bldg. Fournet Hall Room: 209 (organic lab) & 103 (physics lab)

Are property policies and procedures in place by the department for equipment requested: Yes (standard NSU procedures)

Delivery to the Student Technology office located in Watson Library, Room 113. Date_____

1. Describe target audience

This project targets all students who pass through chemistry and physics laboratories and lectures, as well as research laboratories. Students enrolled in such courses include but are not limited to SPSC 1010, SCI 1010, 1020, 1070, and 1080, CHEM 1010, 2141, 3011, 3021, 4041 and 4950, and PHYS 1010, 2030, 2031, 2510, 2511, 3301, 3291, 4900, and 4950.

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

1. A rotary evaporator and its associated pump will be used in the organic laboratory for removal of large quantities of solvent from organic products. An aspirator pump is essential, because the water pressure available from a regular bench water aspirator is poor.
2. A distilled water still, which will replace an outdated and no longer repairable still. The distilled water produced will be used by all chemistry and physics laboratories.
3. An AC unit on the roof above the organic/biochemistry laboratory, room 209, which will drastically improve the air quality of this lab.
4. A new wireless computer on an existing presentation cart that will replace a six year-old computer with outdated programs. This cart is currently used by all students in giving presentations during lectures and research seminars.
5. Equipment needed to build a "soliton tank" — transparent container of size 24' x 6' x 3' with an attached system of circulation and flow provided by several electric pumps placed outside the tank, propellers, valves, and nozzles. This system will be used by students to study all fluid dynamic processes in the physics laboratory, room 103.

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

The goal of this project is to ensure that NSU has the equipment necessary to prepare students for graduate school and the workforce by encouraging them to enjoy the lab experience, participate in independent research and have hand-on experience with necessary equipment. This goal can be reached through the objectives of this project:

1. To provide functioning lab equipment for students to complete experiments in a timely fashion.
2. To ensure that students in the lab are using appropriate quantities of quality water in conducting their experiments.
3. To provide a safe and comfortable atmosphere for students conducting experiments in the lab.
4. To enhance the quality of student research and presentations by providing students with modern technology.
5. To extend the classroom to hands-on experience with modern lab and research equipment in an effort to improve the quality of learning for students.

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

Objectives 1 and 2 may be evaluated by lab instructors noting an improved quality in students' experimental data/products and timely procedures. Objective 3 will be evaluated through surveys completed by the students about the air quality in the lab as well a decrease in complaints to instructors concerning high temperatures and high fumes within the lab. Objective 4 will be evaluated based on the quality of student presentations through enhanced graphics and/or other media, quicker computer processing, and fast internet service. Objective 5 will be evaluated by instructors noticing an increased engagement of students in the classroom through special demonstrations and experiments with modern, hands-on technology, as well as the understanding of counter intuitive fluid dynamic and wave concepts through a friendly-scientific environment.

5. 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.

The rotary evaporator and pump are essential pieces of equipment in chemistry laboratories. This new equipment will speed up laboratory time and avoid the end-of-lab queue time waiting to become available. Currently only two functioning rotary evaporators are available for student use in the laboratory, resulting in students staying after laboratory hours to complete their experiments.

All students who require a chemistry/physics laboratory will have distilled water on hand from the faucet, unlike the current, brown, hard water currently being used. Gallons of store bought distilled water frequently run out and students are unable to synthesize pure products and accurate data in the laboratories.

The AC unit will improve the air quality for all students who enter the organic laboratory, an absolute necessity for students working in the lab for several hours at a time. An AC unit on the chemistry department roof will extract the outside air, cool it and pump pre-cooled air into the organic lab. In contrast, pumping in hot outside air makes everyone in the laboratory very hot and uncomfortable. An alternative dampener/thermostat system would only be an option if the physical plant could increase the departmental AC air flow enough to the organic lab to balance out the extracted air, but unfortunately, this is not possible.

The current air handler for the organic laboratory, is 23 years old (time for a replacement) and it extracts ambient air temperature and pumps it into the lab. This new AC unit will be installed in conjunction with a BOR grant for which Dr's Rudd and Flomer are the PI's; the BOR grant will enable the department to install new snorkel extractor arms to replace the outdated and inefficient overhead canopies. With $50,000 already being spent on the lab to improve the fume extraction process, it is the ideal time to also have the problem of the hot incoming air addressed. As there is only one fume hood in the organic lab, the extraction system has to be turned on for the duration of each lab period. It is our responsibility to keep our students healthy and to vent away the chemical fumes from their work

environment; however, when the outside temperature heats up, the temperature within the organic lab becomes unbearable.

The new wireless computer will replace an outdated model that is not connected to the internet and for which students cannot currently use their memory sticks (which then involves a room change until an appropriate computer can be found and thus cuts down on the amount of quality lecture/presentation time). Quicker processing of a new computer will allow students to present enhanced media that cannot be processed by the current computer.

The soliton tank is a unique and important asset to the College of Science and Technology and the area of physics research. Because nonlinear fluid dynamics and solitonic waves is an important and current field of research, the students working on this tank will have opportunities to understand modern physics' concepts. Students conducting research with such equipment may have their results presented at national level conferences, produce publications, and overall stand at the highest levels of competition of student research. This system will also be a valuable tool for recruiting through presentations and demonstrations for high school students.

The items described above are necessary pieces of equipment that will drastically improve the quality of each laboratory day for students, as well as the overall research experience and education of all students who use them. With the number of students that circulate throughout the organic chemistry and physics labs, an estimated 200-300 students will be served per academic year.

6. How will funding of the project advance the University and College/unit technology plan?

Funding this project will be fulfilling the following NSTEP objectives:

2. *To provide classrooms with updated technology and multimedia.* Modern lab equipment and computer processors will allow students to use updated multimedia within classroom lectures, labs, and other research.

7. *To establish processes that encourage technology initiatives by faculty, staff, and students.* By integrating the lab equipment into the classroom through demonstrations and experiments, students will be more encouraged to use technology in the understanding of physical science concepts.

8. *To encourage innovation and research.* By engaging students in modern technology and functioning equipment, students will be more motivated to do research and inclined to use the laboratories at NSU to do so.

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.

All members of the chemistry and physics faculty, including Dr. Gillian Rudd, Dr. Walter Flomer, and Dr. Andrei Ludu, are fully capable of setting up the computer, water still, soliton tank, and rotary evaporator/pump. Because these faculty members will supervise student use of each initiative, with their experience, they will ensure that the project initiatives are accomplished.

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

The Department of Information and Technology will be responsible for the connection of the computer to the University network/server.

Fisher International (also known as VWR) will install the AC unit, in collaboration with the work that they previously scheduled for an exhaust system in the organic laboratory.

9. Provide a schedule for implementation and evaluation.

The implementation of this project will proceed as follows:

Spring 2006	Purchase equipment
May 2006	Activation of project
June-October 2006	Installation of all equipment
November-December 2006	Full utilization of the equipment

This timeline allows for any holdups with the installation of the new AC unit in collaboration with the new snorkel extractor arms.

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

All of the equipment, with proper care and maintenance, will last for at least 6 years and will come with full manufacturers' warranty(s). The computer will be outdated within 5 years but an upgrade can be made at relatively low costs.

11. Explain in detail a plan and policy that will be in place to ensure property security/controls for any equipment received. Equipment will not be purchased until an acceptable policy is in place to ensue equipment security.

The computer will be secured to the existing computer cart in a locked storage room. The rotary evaporator/pump and soliton tank will be locked away behind closed doors, only to be opened when a laboratory experiment is in session. The rotary evaporator/pump, computer, and soliton tank will be allowed for student use through a check-out system.

The water still and AC unit are not security issues as they are not accessible to students; only the department head has a key that opens the door out onto the roof.

12. Attach a detailed budget, including: specs., description, cost, state contract and number, and vendor for each item; cost of outside support personnel; and a description of how the proposal will support University/College/unit resources (i.e., cash match, funds from other sources, or reallocation of existing hardware/software or other equipment.

done

1. Rotary Evaporator System		**$8714.20**
Rotary Evaporator R-205A 24/40 VWR International	#04-987-136	$4,019.20 (actual quote)
Aspirator pump (to go with Rot. Evap) KNF Laboport Vacuum System for use with the rotary evaporator	cat # 13-878-55	$4695.00
2. Water Still Equipment		**$3809.79**
E-Pure Water Purification System VWR International	D4641	$2396.80
Cartridge Kit VWR International	D5023	$326.20

done

Digital Outlet Controller VWR International	61161-342	$27.91 ✓
55 Gallon Red Closed Head Drum Reservoir Tank http://www.usplastic.com/		$108.88 ✓
Plumbing Hardware Pipe, Fittings, Pressure Gauges		$250.00 ✓
Mounting Hardware Lumber, Brackets, Fixtures, Wire		$200.00 —
Estimated shipping costs		$500 ✓
1. AC Unit for Organic Laboratory		**$58,750**
2. Wireless Computer done Computer to replace x5 year old computer on presentation cart with associated wireless components (quote from Dell website)		**$1235.45** ✓
3. Soliton Tank System done		**$6500** ✓
Oscilloscope (x1)		$800
Plexiglas sheets (x4)		$1600
Electric pumps (x4)		$700
Electro valves (x6)		$300
Actuator (x1)		$600
Aluminum angle 100 ft.		$100
Paddles material		$200
Pipes, fitting etc		$300
Miscellaneous construction		$300
Digital video camera		$600
Flow rate sensors (x8)		$1000
Total requested:		**$79,009.44**

See attached for further details.

13. Attach a letter of support for the project signed by the requesting unit's Dean, the appropriate Vice President (for non-academic units), or the SGA President from the requesting campus (for student requests).

VWR INTERNATIONAL

1.800.932.5000 http://www.vwr.com

QUOTATION: VBQ-2192278 PAGE: 1

Prepared for:
Customer #: 2010341
NORTHWESTERN STATE UNIV
CENTRAL RECEIVING

NATCHITOCHES, LA 71497 00

Requestor :DARRELL FRY
Phone: 318-357-5248
Fax: 3183574219
E-Mail:

Prepared by:

VWR INTERNATIONAL Inc.,
3745 Bayshore Boulevard
Suite D
Brisbane, CA 94005

Date: 4/5/2006

Customer Reference:
VWR Quote #: VBQ-2192278

VWR Line#	Cust Line#	Qty	UOM	Product	Net	Total
1		1	EA	26302-264 ECONOPURE RGNT SYS 4MOD 120VLT D4641	$2,396.80	$2,396.80
2		1	EA	26302-840 KIT,CART EPURE,4MOD W/ORG FREE D5023	$326.20	$326.20
3		1	EA	61161-343 VWR CONTROLLER 2X4X3 5090	$27.91	$27.91

1.800.932.5000 http://www.vwr.com

TO PLACE YOUR ORDER, PLEASE CALL
TEL: **1-800-932-5000**
FAX: 1-415-330-4224

PLEASE REFER TO
VWR QUOTATION NO: VBQ-2192278

		MERCHANDISE VALUE:	$2,750.91
TOTAL WEIGHT:	50.35		
TOTAL VOLUME:	0.02		
		GRAND TOTAL	$2,750.91

THANK YOU FOR THE OPPORTUNITY TO EARN YOUR BUSINESS.

QUOTATION VALID UNTIL: 4/26/2006

_____
QUOTED BY

_____
P.O. ORIGINATOR

_____
P.O. NUMBER

Preliminary Proposal

Trane
A Division of American Standard Inc.

Prepared For:
Dr. Walter Flomer
Northwestern State University

Date: March 31, 2006

Proposal Number: K7-23172-1

Job Name:
NSU - Fournet Hall
Natchitoches, LA

Delivery Terms:
Freight Allowed and Prepaid - F.O.B. Factory

Payment Terms:
Net 30 Days

Trane is pleased to provide the enclosed proposal for your review and approval.

We propose to remove the existing Trane fresh air makeup unit, serving the laboratory discussed. We will install a new Trane unit as described below. We will tie the unit into the chilled water piping in the building, running the necessary chilled water piping from the chilled water riser to the unit. We will tie the unit back into the existing system controls, controlling the unit as it was controlled before (no upgrades included as none should be needed).

Equipment lead-time is currently 10 weeks
Installation would be an additional 4 weeks

Tag Data - Outdoor Central Station Air Handler Units (Qty: 1)

Item	Tag(s)	Qty	Description	Model Number
A1	TSCX-1	1	Outdoor T-Series Climate Changer air ha	TSCX014

Product Data - Outdoor Central Station Air Handler Units

Item: A1 Qty: 1 Tag(s): TSCX-1

Unit size 14 T - series climate changer - Factory painted unit - slate gray
Unit meets the original airflow characteristics
Chilled-water cooling coil
Steam heating coil
Centrifugal fan and 10 hp motor 208/60/3
Adapter curb allowing the new unit to be directly installed in place of the existing unit (no roof work required)
Factory startup, technical checkout, and commissioning
One-year parts and labor warranty

Preliminary Total Net Price *(Excluding Sales Tax)* .....$ 58,750.00

This proposal and pricing are based on shipment of all products (not including field labor) by no later than 4th quarter of 2007 year.

Trane is pleased to offer you an opportunity to maximize the value of your purchase by offering you *savings* with the Anticipation Discount Program (ADP). Contact your Trane representative for more details or an ADP discount calculation.

Sincerely,
Kurt Lyles - Trane
504 W. 67th Street Shreveport, LA 71106-3024
Phone: (318)865-5663 ext. 485 Fax: (318)861-8481

Buy Online or Call 1-800-388-8239

DELL™ USA
Northwestern State University

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- Click the "Checkout" button to continue to the Checkout and enter order online.

View Options: View Order Summary View Order Details

Sub Total Price*: $1,235.45

	Description	Quantity	Unit Price	Item Total
1	OptiPlex GX620 SFF with Int Broadcom® GbNIC Intel® Pentium® D Processor 830 (3GHz,DC,2X1M,800MHz FSB)	1	$1,235.45	$1,235.45

Reconfigure Remove Update

Date:	Thursday, April 06, 2006 2:53:44 PM CST
Catalog Number:	25 RC982501
OptiPlex GX620 SFF with Int Broadcom® GbNIC:	Intel® Pentium® D Processor 830 (3GHz,DC,2X1M,800MHz FSB) 630SD - [221-9194]
Operating System(s):	Genuine Windows® XP Professional, SP2, with Media XPP2E - [420-4850]
File System:	NTFS File System for all Operating Systems NTFS - [420-3699]
Memory:	1.0GB DDR2 Non-ECC SDRAM,533MHz, (2DIMM) 1G2N52 - [311-5021]
Keyboards:	Dell USB Keyboard, No Hot Keys EUSB - [310-5247]
Monitors:	Dell 17 inch UltraSharp™ 1704FPT Flat Panel, Adjustable Stand, VGA/DVI 1704FPT - [320-4271]
Video Card:	PCIe 256MB ATI Radeon X600, Dual Monitor DVI or VGA 256DVI - [320-4392]
Boot Hard Drives:	80GB SATA 3.0Gb/s and 8MB DataBurst Cache™ 80S2 - [341-2247]
Floppy:	No Floppy Drive NFD - [341-2290]
Mouse:	Dell USB 2-Button Optical Mouse with Scroll USBO - [310-6609]
Lead Free Motherboard:	RoHS Compliant Lead Free Chassis and Motherboard ROHS - [341-2663]
Removable Media Storage Devices:	24X CDRW/DVD Combo, with DVD Playback 24COMBO - [313-3326]
Audio Solutions:	Integrated AC97 Audio INTSND - [313-8170]
Speakers:	No Speaker Option NSPK - [313-1416]
Resource CD:	Resource CD - contains Diagnostics and Drivers RCD - [313-7168]
Energy Star Setting:	Energy Star Enable ES - [310-4721]
Hardware Support Services:	5 Year Limited Warranty plus 5 Year NBD On-Site Service U5OS - [900-6630] [900-9224] [983-2207] [983-2217]
Installation Support Services:	No Onsite System Setup NOINSTL - [900-9967]
Dell Recycling:	Asset Recovery Services, ValueRecovery, Program Managed ARVRDKT - [980-7177]

Mouse Pad:	Mouse Pad MPAD - [310-3559]
Asset Tag on System Chassis (CFI):	Standard Medium Asset Tag- WITHOUT Customer Name TAG4 - [365-2307]
	Sub Total Price* $1,235.45

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Top

snCT4
BG SG

Quotes from vendors for the student tech surplus grant: **Soliton Tank**
(Ref. A. Ludu)

Materials:

Specific item to be purchased	Price	Number on the list bellow
1 Oscilloscope	800 $	1 ✓
4 Plexiglas (acrylic) sheets	1600 $	2 ✓
4 Electric pumps	700$	3 ✓
6 Electro valves	300$	4 ✓
1 Actuator	600 $	5 ✓
Aluminum angle 100 ft.	100$	6 ✓
Paddles material	200 $	7 Warehouse
Pipes, fittings, etc.	300 $	8 Warehouse
Miscellanea construction	300 $	9 Warehouse
Digital videocamera	600 $	-- ✓
8 Flow rate sensors	1000 $	10 ✓
TOTAL	6500 $	

Quotes

1. Oscilloscopes vendors: 3 examples numbered 1.1, 1.2, 1.3:

1.1.
Boreal-Northwest,
399 Vansickle Road • St. Catharines, Ontario L2S 3T4
800-387-9393 • www.boreal.com • (Fax) 800-668-9106

✓General Purpose Oscilloscope: 4507700
$775.00
http://boreal.com/category.asp_Q_c_E_535985
Frequency range of AC 10 Hz to 20 Hz and DC to 20 MHz.
15 cm screen with internal graticule and high sensitivity X-Y mode, Z-axis (intensity modulation) and TV sync circuitry. Includes operation manual, 3-wire cord and plug, and test probes.
Frequency Range DC to 20 MHz (-3dB); AC: 10Hz to 20Hz (-3dB)
Sensitivity 5mV to 5V in 10 calibrated steps
Input Impedance 1 M½, 25 pF
Maximum Input Voltage 300Vp, (DC + peak AC)
Horizontal Axis
Sensitivity .2 micro seconds/Div. to .2 secs; Div. in 19 calibrated steps; 1 mV/Div x 10 mag
Frequency Range 20 Hz to 20 MHz
Input Impedance 100 k½
Maximum Input Voltage 300Vp (AC + DC)Power Requirements 108-130 V, AC, 50/60 Hz
Dimension (LxHxW) 43 cm x 14 cm x 30 cm
Weight 5.3 kg

1.2.
EXPHIL EXPRESS
(800) 282-5632
Telephone: (800) 282-5632

Fax: (631) 563-0701
Postal Address: 415 Central Ave.
Bohemia, NY 11716

Digital Storage Oscilloscopes **995$**
GDS-820 / GDS-840 Series
at: http://www.blii.com/instek/Instek_GDS-820_GDS-840_Series_Digital_Storage_Oscilloscopes.htm

150MHz / 250MHz Bandwidth with either Color or Monochrome LCD Display
125K Memory and 12 Division Horizontal Display
25GS/s Sampling Rate for Repetitive Waveforms
15 Auto Measurement Functions
Advance Trigger: Pulse Width, TV-Line, Event Delay and Time Delay
Go No/Go, Learn Mode and Auto Setup Sequence
FFT Function
Standard Interfaces: USB, RS232, Printer Port Optional: GPIB Interface

1.3.
EXPHIL EXPRESS
(800) 282-5632
Telephone: (800) 282-5632
Fax: (631) 563-0701
Postal Address: 415 Central Ave.
Bohemia, NY 11716
381295 5 MHz. Dual Channel Multiscope : **$449.95**
• Easy to Use Menu Driven Operation
• Internal or External Triggering
• Auto or Manual Setup for Horizontal and Vertical Scaling
• Single Shot Mode
• Window Freeze Locks Waveform in the Display
• Roll Mode for Slow Repetition Waveforms
• Store and Recall Up to 16 Waveforms and Setups
• Sampling Time: 25MS/s Dual Channel; 50MS/s Single Channel
• 132 x 128 Pixel Super-Twist Two Level Backlit Display
• Data Hold and Low Battery Indication
• Multimeter Functions Include AC/DC Voltage, Resistance, Continuity, Frequency, RPM, Pulse Width, and % Duty Cycle
• RS-232 PC Interface and Software for Transferring Waveforms and Data

Oscilloscope Specifications
Bandwidth DC -5 MHz,
Maximum Sample Rate 25 MS/s (dual channel) 50 MS/s (single channel)
Record Length 512 single shot: 256 all other modes
Max Verticle Sensitivity 50mV
Max Input Voltage 600V DC or AC rms
Trigger Modes Auto, Normal, Single
Trigger Source Channel A, Channel B, External
Trigger Coupling AC, DC
Timebase 1uS to 5S
Input Impedance 1 Megohm
Multimeter Specifications
DC Voltage 0.001V to 1000V (0.3% basic accuracy)

AC Voltage 0.001 to 750V (50-20kHz bandwidth)
Resistance 0.001k ohm to 5 Megohm
Continuity Test Voltage 1.7V: threshhold 100 digits
Frequency 0.01 Hz to 10MHz
RPM 240-60,000
Pulse Width 2uS to 500mS
Duty Cycle 25% to 75%
Dimensions 7.7x3.5x1.6" (195x90x40mm)
Weight 16.2 oz. (260g)
Power 4.8V Ni-MH Battery/120V 60Hz adapter/charger

Ordering Information
Instek 381295 ...5 MHZ...Dual Channel Multiscope

2. Plexiglas and acrylic sheets

2.1.
USP - United States Plastic Corporation
Customer Contact Number: 1-800-809-4217
1390 Neubrecht Rd. Lima, Ohio 45801-3196
Phone: 1-800-809-4217 Fax: 1-800-854-5498

44397 Acrylic Sheet 48" x 96" 3/4" (.750) Thick
Qty 2: 5% off; Qty 4: 10% off; Qty 12: 15% off; Sheet On Order
$436.40
4 sheets with 10% discount about 1700 $

Acrylite® Acrylic plast sheet is completely transparent, flexible, and exhibits great resistance to breakage. Acrylic is excellent material to use in place of glass for windows, skylights, doors, partitions, etc. It is lightweight, half the weight of glass, and it is virtually unaffected by nature. It can take temperatures from -40° F to 180° F (intermittant to 200° F). Fabrication is easy, as it can be sawed with fine tooth blades, drilled with plastic drills, sanded and polished. Also, it can be cemented with Acrylic cement. It meets FDA standards, is UV stabilized, and has a UL 95 Flammability rating. Supplied with protective film mask. The forming temp is 350° F. Applications include inspection windows, sight gauges, windshields, meter faces, protective covers, safety shields, tanks, desk tops, displays, trays, and chair pads. UL 94 Flammability Rating. Tolerance +/- .125 per side.

2.2

3. Electric pumps

3.1.
USP - United States Plastic Corporation
Customer Contact Number: 1-800-809-4217
1390 Neubrecht Rd. Lima, Ohio 45801-3196
Phone: 1-800-809-4217 Fax: 1-800-854-5498

March® MDX-MT3 and MDK-MT3 Metal-Less Magnetic Drive Pump-Model
94001 Ryton® Metal-Less Pump MDX-MT3
Qty 2: 5% off; Qty 4: 10% off; Qty 12: 15% off; Each Yes 7.5 Max GPM; 115V; 3450 RPM; 1/25 HP; 1/2" MPT Inlet; 1/2" MPT Outlet
$160.22 **.....4 pumps= 700 $**

3.2.
PumpBiz, Inc.
1935 Shermer Av.
Northbrook, IL 60062
www.pumpbiz.com
1-800-PumpBiz (786-7249), 847-291-1357, 847-291-1358
Fax 847-589-3935

3.3
Goulds Pumps Water Systems and Wastewater Products
Phone: (315) 568-7123
Goulds Pumps, Commercial Products
Phone: (315) 568-7100
Goulds Pumps, ITT Industries
2881 East Bayard Street
Seneca Falls NY 13148

3.4
A-C Fire Pump Systems
www.acfirepump.com
8200 N. Austin Ave.
Morton Grove, IL 60053
Phone: 847-966-3700
Fax: 847-966-1914

4. Electro-valves

5. Electric Actuators

5.1.
NOOK INDUSTRIES, INC. CONTACT INFORMATION
Corporate Headquarters

http://www.nookind.com/Info/Contact.cfm

CORPORATE HEADQUARTERS
Nook Industries, Inc.
4950 East 49th Street
Cleveland, Ohio 44125-1016
phone: (216) 271-7900 | (800) 321-7800
fax: (216) 271-7020
ENGINEERING:
phone: (216) 271-7900 | (800) 321-7800
fax: (216) 271-7020
SALES / CUSTOMER SERVICE
phone: (216) 271-7900 | (800) 321-7800
fax: (216) 271-7020

1 actuator.....**$ 500**

5.2.
Motion Systems Corporation
600 Industrial Way West
Eatontown, New Jersey 07724 USA

Tel. (732) 222-1800, Fax. (732) 389-9191
E-Mail to Applications Engineer@motionsystem.com
670$

5.3.
Industries, Inc.
25570 Rye Canyon Road Unit J
Valencia, Ca. 91355
Ph. (661) 257-4995
Fax (661) 257-4993
Inertial actuator IFX-10-200 **775$**

6. Aluminum frames

6.1.
MetalsDepot, the retail division of Ledford Steel Company
https://www.metalsdepot.com/index.phtml?aident=
4200 Revilo road
Wynchester, KY 40391
Phone: 859-745-2650
FAX:859-745-0887

✓A33418 3/4 X 3/4 X 1/8 Aluminum Angle 6061-T6 Aluminum Structural Angle 8.0 Ft. 1 In Stock **$9.36**

6.2.
Brake-Funderburk Enterprises
12855 Philips Hwy
Jacksonville, FL , 32256-3704
Address Map
Phone: 904-268-5531
FAX: 904-260-0283

✓7. Paddles

8. Pipes, fittings, hoses, etc…

8.1.
USP - United States Plastic Corporation
Customer Contact Number: 1-800-809-4217
1390 Neubrecht Rd. Lima, Ohio 45801-3196
Phone: 1-800-809-4217 Fax: 1-800-854-5498

✓34102 1/2" Clear Rigid PVC Pipe
Qty 50: 5% off; Qty 100: 10% off; Qty 300: 15% off; Foot Yes $1.27
Total…….$ 300

8.2
Home Depot, Lowe's, Stein, etc
About $ 300

9. Miscellanea for construction: Walmart, Home Depot, Lowe's, Stein's

✓ Screws, nuts, bolts, glue, electric wires, etc……..$ 300

10. Flow rate sensors

✓ 10.1
Vernier Software & Technology
13979 SW Millikan Way
Beaverton, OR 97005-2886
phone 888.837.6437
fax 503.277.2440
email info@vernier.com
Flow rate sensor **129$**
http://www.vernier.com/probes/flo-bta.html

10.2.
PASCO
10101 Foothills Blvd.
Roseville, CA 95747
USA 1-800-772-8700
1-916-786-3800
http://www.pasco.com/
PASPORT Flow Rate/Temperature Sensor PS-2130
150 $ one sensor

10.3.
Proteus Industries
340 Pioneer Way
Mountain View CA 94041
Phone 650-964-4163
FAX 650-965-9355
e-mail info@ proteusind.com
One sensor **800$**
4000 Series Metering Flow Switch Price List
FluidVision® 4000 Flow, Temperature & Pressure Measuring Instruments

10.4.
Universal Flow Monitors, Inc.
1755 East Nine Mile Road
PO Box 249
Hazel Park, MI 48030
USA
$ 500 one sensor
Phone: (248) 542-9635
Fax: (248) 398-4274

Provost & Vice President for Academic Affairs

Telephone (318) 357-5361
FAX (318) 357-4517
E-mail vpaa@nsula.edu
www.nsula.edu/provost/

Northwestern State University
Natchitoches, Louisiana 71497

A Member of the University
of Louisiana System

April 4, 2006

NSU Student Technology Committee
Natchitoches, LA 71497

RE: Letter of Support – Chemistry/Physics Technology Request

I am please to support the request of the Department of Chemistry and Physics for funding of a Student Technology Fee Grant.

The grant will assure that students taking Chemistry and Physics classes will be provided with the resources needed to promote optimal learning. With the funding of the grant, the Department of Chemistry and Physics will enhance students' educational experiences, fulfilling the University Vision and Mission.

Sincerely,

Thomas Hanson

Dr. Thomas Hanson
Provost and Vice President
for Academic Affairs

TH/s

Cc: Dr. Austin Temple,
Dean, College of Science and Technology

✓ 2006.0075

FF

Student Technology Fee
Funding Request From
Surplus Money Fiscal Year 2005-06
Northwestern State University of Louisiana

Prepared by: Zafer Hatahet For: Biological Sciences

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

Where will requested equipment be located/installed/housed: Bldg. Bienvenu Room 226
Are property policies and procedures in place by the department for equipment requested. Yes
Delivery to the Student Technology office located in Watson Library, Room 113. Date: 04/05/06

1. Describe target audience
   This grant targets undergraduate students enrolled in many Biology Laboratory courses. Primary targets will BIOL4201 (Advanced Molecular Biology), BIOL3301 (Molecular Biology), MBIO4121 (Pathogenic Microbiology), MBIO4191 (Immunology and Serology), MBIO4211 (Applied Microbiology), ZOOL4211 (Comparative Vertebrate Physiology), and ZOOL3171 (Histology). Chemistry students enrolled in CHEM4041 would also be targeted.

2. Describe project/initiative for which you are requesting funds.
   Purchase of a Laser-based Molecular Imaging device. This is a multipurpose instrument that is critical for conducting advanced experiments in most fields of biological sciences and biochemistry. The instrument allows high resolution detection and analysis of biological samples labeled radioactively, fluorescently or colorimetrically. Currently, most of the 3000 and 4000 level "advanced" labs taught at NSU are significantly lacking in "state of the art" techniques due to absence of a molecular imager.

3. State measurable objectives that will be used to determine the impact/effectiveness of the project.
   a. The courses listed in item 1 will be "updated" to include more "state of the art" experiments. Currently, many of the laboratories taught at NSU use 1970s and 1980s technology primarily due to lack of modern instruments.
   b. Increase students' interest in the theoretical and applied aspects of the course material. This is best achieved by providing the maximum possible "hands on" experience in the laboratories.
   c. Provide NSU graduates with a strong set of technical skills necessary to pursue postgraduate education, careers in teaching, or careers in the biotechnology industry.

4. Indicate how each objective will be evaluated.
   a. The syllabus for each of the courses listed in item 1 will be reviewed to see if new "state of the art" experiments have been added, and/or existing experiments have been modified to take advantage of the Molecular Imager.
   b. Review student evaluations of the courses listed in item 1 "before" and "after" installation of the Molecular Imager to gauge its impact on the students' ability to comprehend and "enjoy" the course material.
   c. Survey NSU graduates who enroll in post-graduate programs and determine whether exposure to a Molecular Imager helped them in their post-graduate studies; i.e., did the availability of a molecular imager and the experiments that used it provide them with an advantage in their graduate studies, obtaining a job, etc.

5. 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.
   a. As stated in items 1 and 3, this project should significantly improve the quality of instruction of at least eight 3000 and 4000 level courses. In certain cases, e.g., BIOL4021 and MBIO4191, essential experiments are currently not being taught or taught in theory but not in practice due to lack of a molecular imager.
   b. Considering that many of the courses listed in item 1 are required for graduation in the Biological Sciences program, enrollment averages ~ 200 students per year.

6. How will funding of the project advance the University and College/unit technology plan?

   This project will help fulfill at least three NSTEP objectives, namely,
   - *Objective 1: To improve access to technology by students, faculty, and staff at Northwestern State University.* This instrument would allow students and faculty to experience many modern techniques in molecular biology, biotechnology, and biochemistry. Many techniques are currently sorely lacking in the NSU biological sciences curriculum.
   - *Objective 3: To upgrade student technology laboratories with modern technology.* As already mentioned, several laboratories in biological sciences including molecular biology, microbiology, and histology operate on 1970s and 1980s technology. Updating the curriculum to include standard techniques such as Blotting, Microarrays, ELISAs, and EMSAs would require a high resolution molecular imager. No such instrument exists on campus at this time.
   - *Objective 8: To encourage innovation and research.* My lab currently has 4 JOVE students and 4 students enrolled in MBIO4950 (Problems in Microbiology, an independent research course). Similarly, most of my colleagues in the department have ongoing research. Although good progress is being made in our research, lack of a molecular imager has significantly impeded progress.

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?
   a. I, Zafer Hatahet, will be the person responsible for purchase, installation and upkeep of the instrument. I have purchased two molecular imagers in the past, one in 1994 at the University of Vermont and another in 1999 at the University of Texas Health Center at Tyler. I have extensive experience in its use and maintenance and will be able to provide technical support to other professor who will use it in their courses. I currently teach BIOL3301 and BIOL4021 which would take advantage of this instrument.
   b. Dr. Ahmad Darvish also has prior experience in using a molecular imaging. He currently teaches ZOOL4210.
   c. Dr. Michael Land, currently teaches MBIO4121, MBIO4191, MBIO4211, and ZOOL3171.

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

   Other than the faculty members listed in item 7, no further personnel would be needed.

9. Provide a schedule for implementation and evaluation.

   a. Implementation.
      i. Purchase. Pending availability of funds, the instruments can be purchased and installed with 3-4 weeks; ideally before September 2006.
      ii. Syllabus update. New experiments will be added and/or existing experiments will be modified as soon as the instrument is available for use. Updates should be implemented no later than the Spring of 2008.
   b. Evaluation.
      i. Syllabus evaluations will be performed at the end of each semester in the three academic years following purchase of the instrument.
      ii. Student evaluations will be surveyed for three academic years following update of the course syllabus.
      iii. Surveys of NSU graduates will be performed for three years following graduation of the students who used the instruments in laboratory courses.

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

    a. Based on my experience, the hardware should easily last >10 years. In addition, a prepaid maintenance and repair contact will be negotiated with the vendor prior to purchase; i.e., the no extra cost will be needed to keep the instrument for the next 3 years.
    b. The software will need updating within 3-5 years, but I will negotiate a prepaid upgrade policy with vendor prior to purchase of the instrument, i.e., we should be able to get free software upgrades for the next 3 years.

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 equipment in the biology building are housed in secured laboratories which are kept under lock and key all the time. In addition, this instrument is of significant size and weight (approximately 36 in X 36 in X 16 in, and > 100 lb) making difficult to remove from the premises without attracting attention.

12. Attach a detailed budget, including: specs., description, cost, state contract and number, and vendor for each item; cost of outside support personnel; and a description of how the proposal will support University/College/unit resources (i.e., cash match, funds from other sources, or reallocation of existing hardware/software or other equipment.
    a. Specifications. Molecular imager capable of radioactive, fluorescent and colorimetric detection and analysis using laser excitation.
        i. Lasers: 495 nm, 535 nm and 635 nm
        ii. Resolution <50 μm.
        iii. Sample format: must be able to analyze blots, gels, microtiter plates and microscope slides
        iv. Software: must include analysis software.
        v. Phosphor imaging screens must be included
    b. Vendor: BioRad Laboratories, model Molecular Imager FX.
    c. Cost: List price without service contract is $97,000. Recent preliminary negotiation with the vendor has resulted in agreement to lower the price to ~$70,000. From my personal experience with this and other vendors, we should be able to obtain this instrument with 3 year service contract for $70,000 (the last model I purchased in 1999 was list priced at $111,000 including service contract; following negotiation and bidding I was able to purchase it for $67,000 including the service contract on hardware and software).
    d. Cost of outside support personnel: zero.
    e. Other resources: No other resources are currently available to purchase this instrument.

13. Attach a letter of support for the project signed by the requesting unit's Dean, the appropriate Vice President (for non-academic units), or the SGA President from the requesting campus (for student requests).

catalog index

Molecular Imager PharosFX Plus System

Molecular Imager PharosFX System

Molecular Imager VersaDoc Imaging Systems

Molecular Imager ChemiDoc XRS System

Molecular Imager Gel Doc XR System

Molecular Imager GS-800 Calibrated Densitometer

Molecular Imager PharosFX Plus System

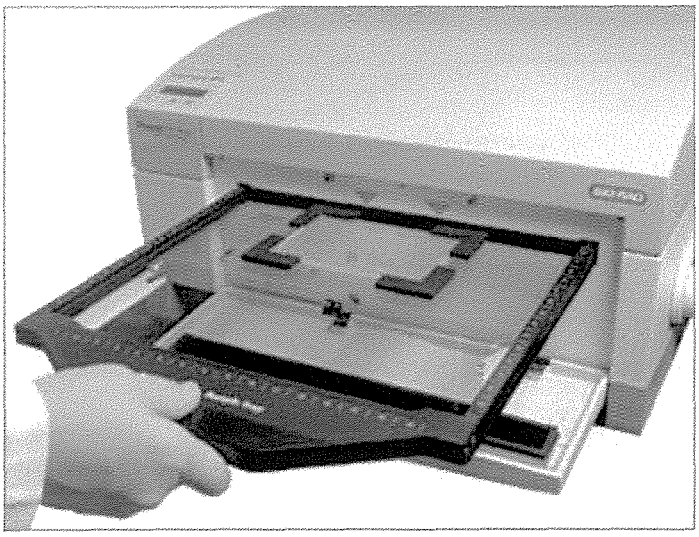
Click for: | **Ordering Information** | Specifications |

The Molecular Imager PharosFX Plus system is ideal for:

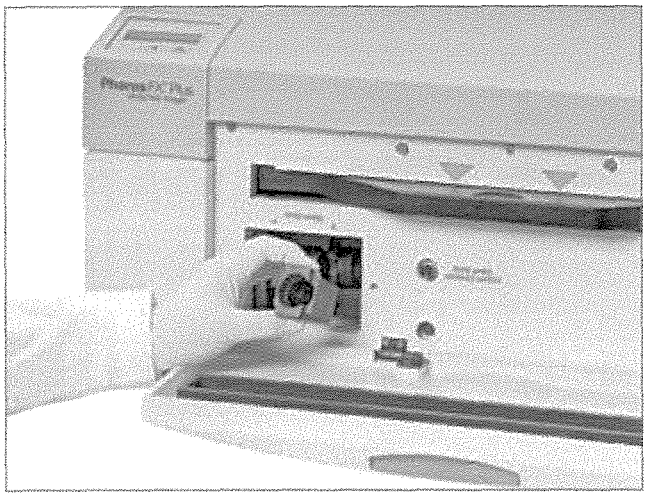
- Multiplex fluorescence and total protein detection
- Storage phosphor detection of radioisotope labels
- Gel documentation for colorimetric stains

This versatile system can be used for the detection and analysis of DNA, RNA, or protein samples in gels, blots, or microplates. The system provides application flexibility and is expandable — unlike other storage phosphor/fluorescent scanning systems. In the application-oriented software, simply select the type of sample being analyzed, and the optimal combination of lasers and filters will be automatically selected.

The PharosFX Plus system provides excellent sensitivity, uniformity, linearity, and dynamic range, ensuring quantitative accuracy. Each system comes complete with Quantity One 1-D acquisition and analysis software to allow rapid quantitation. The PharosFX Plus acquisition module also integrates seamlessly with PDQuest 2-D analysis software, which can be purchased separately.



Sample loading.



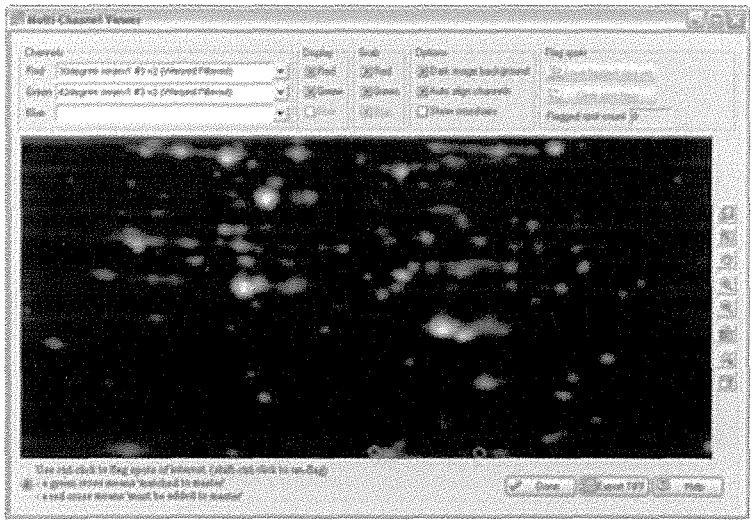
Replacing emission filters.

For gel documentation of colorimetric stains, a transillumination screen is offered as an accessory.

Optimized for Proteomics

Expression proteomics applications are what makes the PharosFX Plus the most desirable imager. High resolution, sensitivity, and scan speed are optimally selected for scanning the most complex 2-D gels for detection of low-abundance proteins with total protein stains.

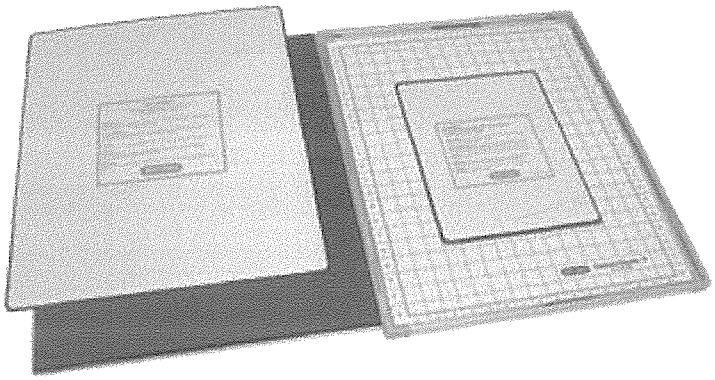
The PharosFX Plus system supports multiplex fluorescent applications, such as DIGE, and specific staining of phosphorylated and glycosylated proteins with Pro-Q dyes.



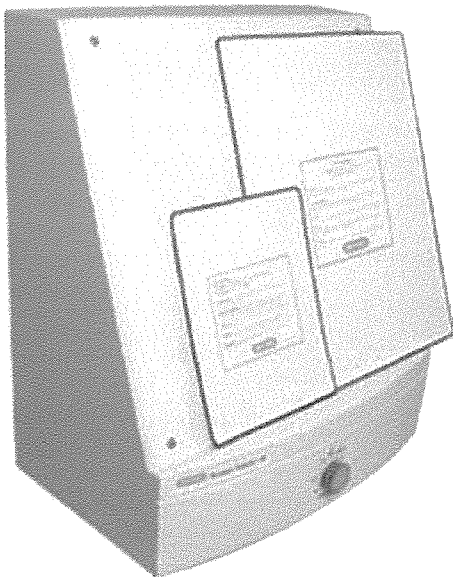
Multiplex fluorescence analysis with PDQuest 2-D image analysis software.

Storage Phosphor Applications for Radioisotope Labels

The PharosFX Plus offers a variety of storage phosphor applications. All phosphor screens are reusable, unharmed by repeated exposure to radioactivity, and are sensitive to beta particles, X-rays, and gamma rays. All screens are flexible and easy to handle. Exposure takes place in standard X-ray cassettes. All phosphor screens require erasure prior to reexposure, and their lifetime is extended when they are cared for properly.



Storage phosphor screens are available in two sizes (20 x 25 cm and 35 x 43 cm).



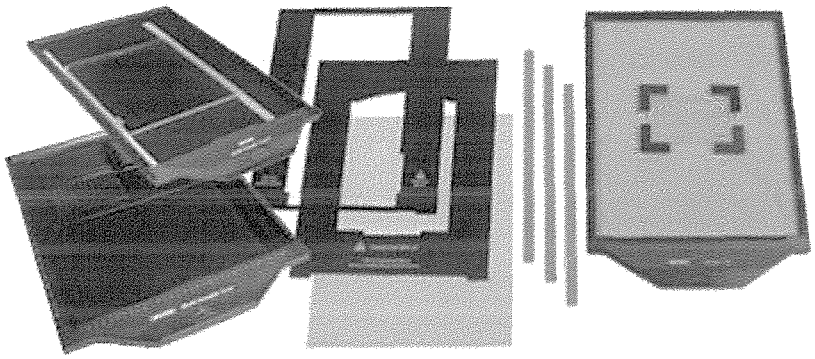
Storage phosphor screen eraser.

Imaging Screen-K

This is a general-purpose storage phosphor screen designed for all common radioisotopes, such as ^{32}P, ^{33}P, ^{35}S, and ^{14}C. Available in 35 x 43 cm and 20 x 25 cm formats, this screen is guaranteed for 1 year.

Imaging Screen-K/Tritium

This is a specialty imaging screen available for imaging ^{3}H. This screen requires special care and handling and is reusable if cared for properly. The screen is 29 x 24 cm and is covered by a 6-month warranty.



Accessories are available for a wide variety of samples.

Scanning of a Wide Variety of Samples

The PharosFX Plus system is equipped with accessories that allow optimal scanning of gels, blots, microplates, and storage phosphor screens. The glass sample tray included with the scanner is moisture-sealed and is ideal for scanning wet blots and gels. Black aluminum multi-sample trays are designed for different types of storage phosphor screens, polyacrylamide gels within the glass plates, and thick agarose gels with backing. For microplates, a special adaptor is provided to position the plates conveniently and securely during scanning.

Ordering Information

Click for: | Product Page | Specifications |

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Catalog #	Description
	Molecular Imager PharosFX Plus System
170-9460	**Molecular Imager PharosFX Plus System**, PC or Mac, 110/240 V, includes Quantity One software, sample tray set, 605DF50 and 640DF35 fluorescence and phosphor imaging filters, USB2 cable, instructions **Your Price: $65,900.00**

Catalog #	Description
	Accessories
170-7865	**Filter 695 nm BP**, for Cy5 and Alexa Fluor 635 dyes *Request a Quote*
170-7867	**Blank Filter Holder** *Request a Quote*
170-7893	**635 nm External Laser Upgrade**, for 170-7890 (external laser), includes filter 695 nm BP **Your Price: $15,450.00**
170-7806	**Eraser Screen-K**, 220/240 V *Request a Quote*
170-7809	**Eraser Screen-K**, 110/120 V **Your Price: $2,008.00**

170-7811	**Sample Tray** **Your Price: $489.00**	
170-7812	**Multi-Sample Tray I**, for small aluminum-mounted screens and microplates **Your Price: $406.00**	
170-7813	**Sample Holders**, for gels **Your Price: $87.00**	
170-7814	**Microplate Adaptor**, for multi-sample tray I **Your Price: $283.00**	
170-7819	**Multi-Sample Tray II**, for scanning gels mounted to glass plates; e.g., for differential display **Your Price: $489.00**	
170-7841	**Imaging Screen-K (Kodak)**, 35 x 43 cm **Your Price: $2,163.00**	
170-7843	**Imaging Screen-K (Kodak)**, 20 x 25 cm **Your Price: $1,030.00**	
170-7845	**Imaging Screen-K (Kodak)/Tritium**, 20 x 25 cm **Your Price: $1,030.00**	
170-7861	**Exposure Cassette-K**, for 20 x 25 cm Kodak screen **Your Price: $231.00**	
170-7862	**Exposure Cassette-K**, for 35 x 43 cm Kodak screen **Your Price: $303.00**	
170-7863	**Filter 555 nm LP**, for Texas Red dye *Request a Quote*	
170-7866	**Filter 605 nm BP**, for ethidium bromide, SYPRO Red, SYPRO Ruby, Alexa Fluor 532 and 546, and Cy3 dyes **Your Price: $360.00**	
170-7890	**External Laser**, 488 nm, includes filter 530 nm BP	

	Your Price: $25,647.00	
170-7892	**External Lasers**, 488 nm and 635 nm, includes filter 695 nm BP	
	Your Price: $29,870.00	
170-7896	**Filter 640 nm BP**, for Texas Red dye	
	Request a Quote	
170-9600	**Quantity One 1-D Analysis Software**	
	Your Price: $2,500.00	
170-9630	**PDQuest Advanced 2-D Analysis Software**	
	Your Price: $18,000.00	

submit

Jennifer Long

From: Sam Ropp [Sam_Ropp@BIO-RAD.COM]
Sent: Wednesday, April 05, 2006 3:56 PM
To: Jennifer Long
Subject: Pricing for Bio-Rad FX Pro Plus Molecular Imager

Hi Jennifer,

My name is Sam Ropp, and I am the Bio-Rad Instrumentation Specialist that is helping Dr. Zaf Hatahet acquire a new laser based fluorescent imaging system. He ask me to email you on the pricing on this type of system. We have concluded that the FX Pro Plus Molecular Imager is what best satisfies his research needs. The list price on this system is $95,770, but I have been able to work out some special considerations to get the system to Zaf for around $70,000. I hope this helps. If you need anything else, please let me know.

Best Regards,

Sam

Sam Ropp, Ph.D.
Instrument Specialist
Bio-Rad Laboratories
VM: 800-876-3425 Ext. 8308
sam_ropp@bio-rad.com
Technical Support/Orders 800-4BIORAD
http://www.discover.bio-rad.com

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Telephone (318) 357-5361
FAX (318) 357-4517
E-mail vpaa@nsula.edu
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Northwestern State University
Natchitoches, Louisiana 71497

A Member of the University
of Louisiana System

April 4, 2006

NSU Student Technology Committee
Natchitoches, LA 71497

RE: Letter of Support – Biological Sciences Technology Request

I am please to support the request of the Department of Biological Sciences for funding of a Student Technology Fee Grant.

The grant will assure that students taking Biology classes will be provided with the resources needed to promote optimal learning. With the funding of the grant, the Department of Biological Sciences will enhance students' educational experiences, fulfilling the University Vision and Mission.

Sincerely,

Thomas Hanson

Dr. Thomas Hanson
Provost and Vice President
for Academic Affairs

TH/s

Cc: Dr. Austin Temple,
Dean, College of Science and Technology

COLLEGE OF SCIENCE & TECHNOLOGY
OFFICE OF THE DEAN

April 5, 2006

To Whom It May Concern:

The purpose of this letter is to add my support to the funding request made by Dr. Zafer Hatahet. The purchase of the Laser-based Molecular Imaging device will insure that our majors will receive up to date training. Furthermore, the device will enable the faculty to expand and conduct experiments that will prepare the students to enter professional school, graduate schools, or the job market. The impact of this device is huge and the faculty stands ready to utilize it to its fullest potential. During the course of a year, there should be at least 200 students who will use the device. Your careful consideration of this proposal is appreciated.

Very truly yours,

Austin L. Temple, Jr., Ph.D.
Dean, College of Science and Technology

Northwestern State University, Natchitoches, Louisiana 71497
A Member of the University of Louisiana System
Phone (318) 357-6699 FAX (318) 357-5599

✓ 2006.0085

FF

Student Technology Fee
Funding Request Form
Surplus Money Fiscal Year 2005-06
Northwestern State University of Louisiana

Prepared by: *Shantel Wempren* For: Student Government- Natchitoches

College: _____ Campus: _____ Department: _____

Where will requested equipment be located/installed/housed: Bldg. Student Union Room 222

Are property policies and procedures in place by the department for equipment requested. Yes

Delivery to the Student Technology office located in Watson Library, Room 113. Date _____

1. Describe target audience. Executives, Cabinet members and senators of the SGA.

2. Describe project/initiative for which you are requesting funds.
Purchasing laptops for the Execs. Using the current Exec computers as new Senator/ Commissioner. Using the Imac and requested software and equipment as the President's computer. The Imac will be open for use for all senators and commissioners as well (while the president is in or near the SGA office) for the making of signs and paraphernalia for the SGA.

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

Attendance at SGA functions as a result of better advertising (better signs).
More work accomplished by Execs, Senators and Department heads as a result of new computers. Some current computers cannot be logged into or they move very slowly.

4. Indicate how each project objective will be evaluated.

Senators will be polled as to how often they use the computers since most of them do not or cannot use them now. Our attendance at SGA functions can be evaluated with surveys of how people found out about the event.

5. Provide a justification for funding of 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.

Laptops would be more convenient for the executives. They could sit at the front desk with them and greet people who enter the SGA office. Currently this cannot be done because a.) there is no computer at the desk. b.) it would be a security issue to leave a computer at the desk.

We need to advertise in a better way to get students to our events. Having a computer with design and layout software will make this an easier task to tackle.

6. How will funding of the project advance the University and College / unit technology plan?

To improve access to technology by students at Northwestern.
To upgrade laboratories with modern technology.
To establish processes that encourage technology initiatives by faculty, staff and students.
To encourage innovation and research.

---

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.

JLong and Alfred will deliver and plug in the equipment.
Executives and senators will be responsible for implementing the equipment in their day to day processes.

8. Describe any personnel (technical or otherwise) required to support the project/initiative.
The computers will require initial networking by JLong and Alfred. No other personnel and support will be required.

---

9. Provide a schedule for implementation and evaluation.
With contingency that the grant is passed on 4/17/06
Computers delivered Summer 06.
Implemented immediately.
An evaluation will be completed during the Fall 06 semester by Senators and Executives.

10. Estimate the expected life of hardware and software. Explain any anticipated equipment/software upgrades during the next five years. The hardware should last about 5 years. There really There should be no software upgrades within the next 5 years.
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.

The lap tops and Imac will be in locked offices. The paperwork for check out will be filled out to accompany this and it will become the responsibilities of the Executives to keep up with the computer assigned to them.

12. Attach a detailed budget, including: specs., description, cost, state contract number, and vendor for each item; cost of outside support personnel; and a description of how the proposal will support University/College/unit resources (i.e., cash match, funds from other sources, or reallocation of existing hardware/software or other equipment.
See Attachment
13. Attach a letter of support for the project signed by the requesting unit's Dean, the appropriate Vice President (for non-academic units), or the SGA President from the requesting campus (for student requests).
See attachment

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Sub Total Price*: $1,235.45

	Description	Quantity	Unit Price	Item Total
1	OptiPlex GX620 SFF with Int Broadcom® GbNIC Intel® Pentium® D Processor 830 (3GHz,DC,2X1M,800MHz FSB)	1	$1,235.45	$1,235.45
	Reconfigure Remove	Update		

Date:	Thursday, April 06, 2006 2:53:44 PM CST
Catalog Number:	25 RC982501
OptiPlex GX620 SFF with Int Broadcom® GbNIC:	Intel® Pentium® D Processor 830 (3GHz,DC,2X1M,800MHz FSB) 630SD - [221-9194]
Operating System(s):	Genuine Windows® XP Professional, SP2, with Media XPP2E - [420-4850]
File System:	NTFS File System for all Operating Systems NTFS - [420-3699]
Memory:	1.0GB DDR2 Non-ECC SDRAM,533MHz, (2DIMM) 1G2N52 - [311-5021]
Keyboards:	Dell USB Keyboard, No Hot Keys EUSB - [310-5247]
Monitors:	Dell 17 inch UltraSharp™ 1704FPT Flat Panel, Adjustable Stand, VGA/DVI 1704FPT - [320-4271]
Video Card:	PCIe 256MB ATI Radeon X600, Dual Monitor DVI or VGA 256DVI - [320-4392]
Boot Hard Drives:	80GB SATA 3.0Gb/s and 8MB DataBurst Cache™ 80S2 - [341-2247]
Floppy:	No Floppy Drive NFD - [341-2290]
Mouse:	Dell USB 2-Button Optical Mouse with Scroll USBO - [310-6609]
Lead Free Motherboard:	RoHS Compliant Lead Free Chassis and Motherboard ROHS - [341-2663]
Removable Media Storage Devices:	24X CDRW/DVD Combo, with DVD Playback 24COMBO - [313-3326]
Audio Solutions:	Integrated AC97 Audio INTSND - [313-8170]
Speakers:	No Speaker Option NSPK - [313-1416]
Resource CD:	Resource CD - contains Diagnostics and Drivers RCD - [313-7168]
Energy Star Setting:	Energy Star Enable ES - [310-4721]
Hardware Support Services:	5 Year Limited Warranty plus 5 Year NBD On-Site Service U5OS - [900-6630] [900-9224] [983-2207] [983-2217]
Installation Support Services:	No Onsite System Setup NOINSTL - [900-9987]
Dell Recycling:	Asset Recovery Services, ValueRecovery, Program Managed ARVRDKT - [980-7177]

Mouse Pad:	Mouse Pad MPAD - [310-3559]
Asset Tag on System Chassis (CFI):	Standard Medium Asset Tag- WITHOUT Customer Name TAG4 - [365-2307]

Sub Total Price* $1,235.45

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iMac 17-inch 1.83GHz Intel Core Duo	Z0CX	1-3 business days	1 Remove	$1,289.00	$1,289.00
1GB 667 DDR2 SDRAM - 1x1GB	065-6195				
SuperDrive 8x (DVD+R DL/DVD+RW/CD-RW)	065-6159				
160GB Serial ATA drive	065-6158				
Keyboard & Mighty Mouse + Mac OS X - U.S. English	065-6156				
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Northwestern State University
A Member of the University of Louisiana System

Student Government Association
NSU Box 3022, Natchitoches, LA 71497
President's Office (318) 357-4335

The grant proposed by Shantel Wempren to improve technology in the SGA office will greatly improve SGA productivity. This equipment is essential for the SGA to continue growing and developing at the rate we experienced last year. The student technology fund has provided the university with some of its greatest technological assets and the SGA would work hard to make sure that this investment is used to its fullest potential. Thank you for your consideration of this grant.

Alan Sypert
SGA President

STAT
April 17, 2006
4:00 p.m.
Watson Library, Room 113A

Signature Sheet

Print Name	Campus Rep	Signature	Date
Alan Sypert	Nat.	Alan Sypert	4/17
Shantel Wemprem	Nat	Shantel Wemprem	4/17
Ifrah Jamil	Nat	Ifrah Jamil	4/17
J. Ingaregida	Nat.	J. Ingaregida	4/17

Non-voting Advisor

Jennifer Long	NSU	Jennifer Long	4/17/06

Guest:

Muhammad-Habib Jamil	Nat	Muhammad-Habib Jamil	4/17

SGA President

Alan Sypert
Signature

4/17/06
Date

STAT
April 17, 2006
4:00 p.m.
Watson Library, Room 113A

Signature Sheet

Print Name	Campus Rep	Signature	Date
Ryan Moore	Shreveport		4/17/06
JEREMY DAVIS	SHREVEPORT		4/17/06

Non-voting Advisor

Guest:

SGA President

Signature _____ Date _____

STAT
April 17, 2006
4:00 p.m.
Watson Library, Room 113A

Signature Sheet

Print Name	Campus Rep	Signature	Date
Tunisia N. Walker	Tunisia N. Walker	Tunisia N. Walker	4-17-06

Non-voting Advisor

Guest:

SGA President

Signature Date

STAT
Watson Library, Room 113A
4:00 p.m. – 5:30 p.m.
April 17, 2006

Present:
Alan Sypert, SGA President, Natchitoches
Ifrah Jamel, Natchitoches Student Representative
J. Ingargiola (Iggy), Natchitoches Student Representative
Shantel Wempren, Natchitoches Student Representative
Jeremy Davis, Shreveport Student Representative
Ryan Moore, SGA President, Shreveport
Tunisia Waller, Ft. Polk Student Representative
Jennifer Long, Student Technology Support Specialist/Recorder

The chair, Alan Sypert, called the meeting to order at 4:00 p.m., Jennifer Long acting as Recorder of the minutes.

The meeting was called to order with roll call. The first order of business was approval of the January 27, 2006 minutes. Iggy made the motion, Ifrah seconded, motion approved.

The fist item on the agenda was to approve NSTEP objectives per each grant proposal and supporting documentation. This item was approved by the committee unanimously.

The next item on the agenda was to approve the redesign of the STAT. webpage, it provides up to date information pertaining to STAT and Student Technology. The item was approved by the committee unanimously.

Next was the request to change the wording on the Student Technology website from "Proposed Budget" to "Approved Budget". This item also was approved by the committee unanimously.

The next items on the agenda were purchases with surplus money.

1. Printer for the student lab located on the Shreveport campus, $2,718.00, Shantel made the motion, Ifrah seconded, motion approved. Meets NSTEP objectives 1, 3 and 6.
2. Software for MAC workstations located in Watson Library Lab, $798.00, Shantel made the motion, Ifrah seconded, motion approved. Meets NSTEP objectives 1,3 and 6.
3. Deep Freeze contract to maintain workstations, $1,901.33, Shantel made the motion, Ryan seconded, motion approved. Meets NSTEP objectives, 1, 3 and 6.
4. Wireless for Bossier, Boozman and Varnado Residence Hall lobbies, $2,626.56, Shantel made the motion, Ryan seconded, motion approved. Meets NSTEP objectives 1 and 3.
5. CAPA Department equipment, $5,947.35; 2006.001S Fully Funded. Iggy made the motion, Ryan seconded, motion approved. Meets NSTEP objectives 1 and 3.
6. CAPA Department equipment, $25,483.65; 2006.002S Partial Funding. Shantel made the motion, Ifrah seconded, motion carried. Meets NSTEP objectives 1 and 3.
7. CAPA Department equipment, $10,805.00; 2006.003S Fully Funded. Shantel made the motion, Iggy seconded, motion approved. Meets NSTEP objectives 1 and 3.

8. Student Activities, $49,613.35; 2006.004S, Fully Funded. Tunisia made the motion, Ifrah seconded, motion approved. Meets NSTEP objectives 1 and 3.
9. FACS Department, $29,803.86; 2006.005S, Fully Funded. Shantel made the motion, Ifrah seconded, motion approved. Meets NSTEP objectives 1 and 3.
10. Chemistry Department, $20,259.44; 2006.006S, Partial Funding. Ifrah made the motion, Shantel seconded, motion approved. Meets NSTEP objectives 1 and 3.
11. Biology Department, $70,000.00; 2006.007S; Fully Funded. Ifrah made the motion, Shantel seconded, motion approved. Meets NSTEP objectives 1 and 3.
12. SGA, $6,500.00; 2006.008S; Fully Funded. Ryan made the motion, Shantel seconded, motion approved. Meets NSTEP objectives 1, 3 and 6.

With no other business to discuss the meeting was adjourned at 5:30 p.m.

Next meeting will be set at a later date.

Alan Sypert 6-12-06

STAT Chair, Alan Sypert, SGA President at the time of the meeting Date

Shantel Wempren 13 June 06

STAT Chair, Shantel Wempren, SGA President, Natchitoches took office during the month of April, 2006

Jennifer Long 6/13/06

Recorder, Jennifer Long Date

Jennifer Long

From: Jeremy Davis [jdavis015@student.nsula.edu]
Sent: Thursday, June 08, 2006 3:24 PM
To: Jennifer Long
Subject: Re: April 17, 2006 Minutes

Looks good with one exception, Ryan Moore is the SGA President for the Shreveport Campus and I (Jeremy Davis) am the SGA Treasurer of the Shreveport Campus or Student Rep for Shreveport Campus however you proceed to document it. If you can make that correction then it looks good.

Thanks,

Jeremy Davis SSGA Treasurer

-----Original Message-----
From: "Jennifer Long" <long@nsula.edu>
Sent 6/8/2006 1:56:48 PM
To: "Ifrah" <ifjam22@hotmail.com>, "Iggy" <jingargi001@student.nsula.edu>, "Jeremy" <jdavis015@student.nsula.edu>, "Ryan" <rmoore@lasn.org>, "Shantel" <southernbelleIV@charter.net>, "Sypert, Alan" <asypert@hotmail.com>, "Tunisia" <wallert3@hotmail.com>
Subject: April 17, 2006 Minutes

You will see attached the minutes from the April 17, 2006 meeting when we spent surplus money. Please send me back an electronic approval of the minutes so we can post to the webpage. You will see that I have Alan and Shantel listed for signatures. This is because when the meeting took place the STAT chair was Alan, but when the minutes will be approved the STAT chair is Shantel. We just want all bases covered so I am asking for both to approve.

Thank you.

Jennifer

Jennifer Long-Martin
Student Technology
Watson Library, Room 113D
Natchitoches, LA 71497
Voice: 318-357-6482
Cell: 318-663-1279
FAX: 318-357-6484
http://www.nsula.edu/student_labs/

Jennifer Long

From: ifrah jamil [ifjam22@hotmail.com]
Sent: Thursday, June 08, 2006 3:55 PM
To: Jennifer Long
Subject: RE: April 17, 2006 Minutes

I approve the minutes from the April 17th meeting.

Ifrah Jamil

From: *"Jennifer Long" <long@nsula.edu>*
To: *"Ifrah" <ifjam22@hotmail.com>,"Iggy" <jingargi001@student.nsula.edu>,"Jeremy" <jdavis015@student.nsula.edu>,"Ryan" <rmoore@lasn.org>,"Shantel" <southernbelleIV@charter.net>,"Sypert, Alan" <asypert@hotmail.com>,"Tunisia" <wallert3@hotmail.com>*
Subject: *April 17, 2006 Minutes*
Date: *Thu, 8 Jun 2006 13:56:48 -0500*

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>>< STATMinutes4.17.06.doc >>

Jennifer Long

From: Jason Ingargiola [JINGARGI001@student.nsula.edu]
Sent: Tuesday, June 13, 2006 1:47 PM
To: Jennifer Long
Subject: Re: April 17, 2006 Minutes

I approve!

iggy

-----Original Message-----
From: "Jennifer Long" <long@nsula.edu>
Sent 6/8/2006 1:56:48 PM
To: "Ifrah" <ifjam22@hotmail.com>, "Iggy" <jingargi001@student.nsula.edu>, "Jeremy" <jdavis015@student.nsula.edu>, "Ryan" <rmoore@lasn.org>, "Shantel" <southernbelleIV@charter.net>, "Sypert, Alan" <asypert@hotmail.com>, "Tunisia" <wallert3@hotmail.com>
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