Student Technology Fee

Grant Proposal
2010.026
2009-10
Tracy Brown
Approved Denied
Comment:
Diana Hamilton
Approved Denied
Comment:
Gary Gatch Coary Gold
Approved Denied
Comment:
Mike McDonald/James Leonards
Approved Denied for 8
Comment:
Dale Martin
Approved Denied
Comment:

Student Technology Fee Grant Proposal Request Form Fiscal Year 2009-10 Northwestern State University of Louisiana

ALL BLANKS MUST BE FILLED COMPLETELY

Prepared by: Drs. ElizaBeth Guin & Tommy Hailey For: Heritage Resources Program (B.A. & M.A.)

Department/Unit: School of Social Sciences College: Liberal Arts Campus: Natchitoches

Which NSTEP Goals/Objectives does this project meet? NSU Goals: 1, 2, & 3; NSTEP Objectives: 1, 2, 3, 7, & 8

Requested equipment will be located/installed/housed? Building Kyser Hall Room: 206 & 137-B

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

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

fre/ hanfer Date: 11-2-09 Signature: Grant Proposal Requested Amount:\$7073.64

Grant Proposal Requested Amount: \$7073.64 Budget Attached (circle one): (YES/N

Grant delivered to Student Technology located in Watson Library, Room 113. Date_

1. Describe target audience.

The lab classroom and additional equipment will be used by students in the School of Social Sciences, most specifically by students in the Master of Arts in Heritage Resources, the Bachelor of Arts in Heritage Resources, Bachelor of Arts in History, students minoring in Geography, Historic Preservation, Anthropology, and History. Courses in the disciplines that will use this equipment serve students in the College of Liberal Arts, Scholars College, and the College of Education.

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

- The goal of the School of Social Sciences Heritage Resources Program's Digital Imaging Initiative is to teach students to document, assess, and interpret heritage sites with the latest technologies. To be an effective and efficient heritage resources manager, one must acquire not only a familiarity with a wide range of methods and techniques used in the field but must also possess knowledge and competency in their applications.
- Given the tremendous loss of too many nationally-significant resources in Louisiana lacking important documentation in recent years due to hurricanes, fires, development, and neglect, the Heritage Resources faculty launched this initiative. The Heritage Resources faculty aims to rectify that situation by providing hands-on training in which student will identify and document endangered resources in the region. We continue to develop the state-of-the-art HRGIS Facility in Kyser 206, which serves as a classroom lab and houses 15 student computers, an instructor computer, a map plotter, and a map scanner provided by a 2006 Board

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of Regents grant. Additional high-tech equipment (i.e., thermal-imaging camera, 3D laser scanner, HD video camera) are currently being acquired with a 2009 Board of Regents grant. The HRGIS also houses databases provided by the National Park Service that serve as the basis for class lectures, assignments, and research projects. Coupled with the equipment requested in this grant, the students in the School of Social Sciences can contribute to the field in a meaningful and lasting way by documenting resources in a manner not currently available in the region and perhaps even the state. Louisiana is struggling to keep its cultural tourism alive; in fact, the state government has mandated it as a special initiative. With proper training and equipment such as that requested, the School of Social Sciences is poised and prepared to make a huge impact in this arena.

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

- Incorporation of additional hands-on assignments in School of Social Sciences' classes
- Documentation of historic sites and the contribution of professional-level documentation to the National Park Service's GIS database
- Additional faculty and student documentation and research projects
- Increase in graduate student project theses using the equipment (in the past year, with equipment secured from the previous Board of Regents grant for this initiative students have produced a nomination for the National Register for Historic Places for the Pleasant Hill Battlefield, a nomination to extend the boundaries of the National Historic Landmark at Fort Jesup State Historic Site, a Historic American Building Survey submission for the historic Kisatchie School, and a map and survey of the Breda Town Cemetery; to name a few.)
- 4. Indicate how each project objective will be evaluated.
- Increase enrollment in classes
- Track equipment use (see attached logout sheets)
- Track additions to NPS GIS database
- Increase number of project theses and other research projects using the equipment
- Survey student and faculty regarding equipment use and impact

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

• Advances NSTEP objectives: 1, 2, 3, 7, & 8. This equipment will serve to instruct and train students with emerging technologies. These skills and knowledge are becoming increasingly necessary as students enter the job market. The School of Social Sciences Heritage Resources Program's Digital Imaging Initiative is housed primarily in the HRGIS classroom laboratory and was established with funding from two Board of Regents Grants and the National Park Service (see #1). It is the sole location for this type of equipment on campus. The additional equipment requested is necessary to enhance the use of this cutting-edge technology. It demonstrates a concerted and on-going effort to educate and train students to meet current professional technological needs.

6. Provide a justification for funding of this 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.

• Initially, approx. 125 students per semester will use the lab classroom and/or the equipment; it is expected that this number will grow as students become aware of the courses and research opportunities. Additional students will have access for their specific research needs through special projects classes or thesis research projects.

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. Tommy Hailey, Director, NSU Cultural Resource Office, Associate Professor of

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Anthropology, will manage equipment, teach various technology-based classes, and provide oversight for projects using the equipment.

- Dr. ElizaBeth Guin, Coordinator, Master of Arts in Heritage Resources Program, Associate Professor in Heritage Resources, will also manage the equipment and teach technology-based classes with the equipment.
- Dr. Julie Ernstein, Coordinator Bachelor of Arts in Heritage Resources, Assistant Professor in Anthropology, will teach courses which will incorporate the equipment.
- Dr. Susan Dollar, Associate Professor in History and resident Oral Historian, will train students in equipment use in her oral history classes.
- Dr. William Housel, Coordinator School of Social Sciences, Associate Professor of Sociology, will provide technical assistance and database administration.
- 8. Describe any personnel (technical or otherwise) required to support the project/initiative.
- Dr. William Housel, Coordinator School of Social Sciences, Associate Professor of Sociology, will provide technical assistance and database administration
- Help Desk for technical support and initial software setup
- Social Science faculty to teach classes
- 9. Provide a schedule for implementation and evaluation.
- Spring 2009 has oral history, archeological field school, materials conservation lab, and heritage resources methods courses scheduled. Upon receipt, the equipment will be incorporated into these courses immediately. Numerous project theses will also use the equipment this spring.

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

• The life expectancy of all of this equipment is well over 10 years. The infrastructure for equipment use is already in place in Kyser 206 and 137-B. Additional batteries will be provided by the School of Social Sciences or by the Cultural Resource Office.

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 Technology Fee. If you are requesting equipment that will be either/or checkout to students or moved within the department, you must provide a checkout/loan policy.

- Kyser 206 HRGIS classroom lab: a button lock security is in place (see policy attached for student access) and metal grates are over the windows and the door. Times have been specified as 'open lab' times when students can use the lab to complete assignments (times change each semester to accommodate class times) All students who use the lab must complete the School of Social Sciences computer use policy (see attached).
- Kyser 137-B Cultural Resource Office: Equipment will be stored in a locked room and must be signed out and in. Equipment is inspected during this process upon checkout and again upon return (see attached sign-out form/procedure).

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

Student Technology Fee Grant Proposal Checklist:

- Is all information requested provided (items 1 11)?
- _____ Is a detailed budget attached?
- _____ Are all specifications, description, model number, quotation, cost, state contract number, and vendor provided for each item?
- Are your two (2) letters of support attached?
- If equipment is to be checked-out/loaned, is your policy attached?

Student Technology Fee Grant Proposal Budget 2009 School of Social Sciences

Purchase from approved Louisiana State Vendor: B&H Photo/Video (Vendor #1327680710)

As per quote (see attached for additional details):

	Price	Number	Total	
Zoom H2 Recorder	\$143.84	6	\$ 863.04	7282
Zoom H2 Silicone Skin	\$ 12.95	6	\$ 77.70	7282
Logitech ClearChat Pro Headset	\$ 34.95	16	\$ 559.20	7282
Canon Vixia HG 21 camcorder	\$699.00	6	\$4,194.00	7282
LowePro Edit 120 Camcorder Bag	\$ 24.95	6	\$ 149.70	4410
Videomate 607 Tripod w/ 2-way Fluid Head	\$ 69.95	6	\$ 419.70	7282
Logitech C500 Webcam	\$ 44.95	16	\$ 719.20	7282
Shipping			\$91.10	4410
Shipping TOTAL: 1282- 240.80 1410-			7073.64	

A cost breakdown over the anticipated 10 year life span of the equipment is \$ 707.36 per year.

The anticipated enrollment in all classes to use the lab classroom during the 2010-2011 academic year is 250 (125 per semester as stated in #6 of the grant proposal request form).

This equates to \$ 2.83 per student per year over the 10 year term as stated in the life expectancy estimates.

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Tommy Hailey 's Wish list

Print List	Purchase this Wish List	
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Northwestern State University

School of Social Sciences Policy for Kyser 206 Access

Computers

In order for students to use university computers, these policies must be acknowledged and followed. These policies are in addition to the Northwestern State University of Louisiana Electronic Data Systems Policies & Standards as published on March 9, 2006, Appendices D & E-Parts 2, and must be followed. Your assistantship or employment can be terminated for failure to follow University Policies.

- University computers, data, and shared drive space are to be used only for University business;
- You must log out when finished working on any computer;
- You cannot download or install any software. If you need software in order to complete a task, please inform Dr. Granger, Dr. Guin, or your professor. Contact with Information Systems will be by University personnel;
- You must agree to abide by all Information Systems Rules in order to have computer access. Those policies are in the "Electronic Data Systems Policies and Standards" found on the Information Systems website at http://www.nsula.edu/informationsystems/;
- If there is a problem with the computer or equipment which you use, notify Brandon Charles and one of the following: Dr. Granger, Dr. Guin, or your professor;
- You may not log on and allow another person to work under your log in name. Nor can you work under someone else's log in;

Key & Access

- You will have an electronic key fob which will grant door access to Kyser 206. This fob is your responsibility. Should you lose this fob, you MUST notify Dr. Guin or Dr. Granger immediately.
- A \$25.00 replacement fee will be charged for lost fobs.
- If you are not a MAHR student your fob must be turned in at the end of the semester (final day to turn in fob is day of final exam of the course for which you were granted access.
- If you are a MAHR student you will be required to check in your fob at the end of every semester and turn your key in at the end of your final semester in the program
- A hold will placed on your record if you do not turn in or check in your fob at the end of the semester.
- Kyser 206 is only open during the hours that Kyser Hall is open. For your safety, please follow the hours: Mondays-Fridays, 7am to 8pm; Saturday 7am to 2pm; Sunday it is closed.

I, the undersigned, hereby agree to abide by the following rules in regard to being granted access to Kyser 206.

	<u> </u>

School of Social Sciences Internal Computer Policy for Student Workers and Graduate Assistants



Northwestern State University

Signature:

School of Social Sciences Internal Computer Policy for Student Workers and Graduate Assistants

In order for student workers or graduate assistants to use university computers, these policies must be acknowledged and followed. These policies are in addition to the Northwestern State University of Louisiana Electronic Data Systems Policies & Standards as published on March 9, 2006, Appendices D & E-Parts 2, and must be followed. Your assistantship or employment can be terminated for failure to follow University Policies.

- University computers, data, and shared drive space are to be used only for University business.
- You must log out when finished working on the computer.
- You cannot download or install any software. If you need software in order to complete a task, please inform Dr. Granger, Dr. Guin, or your immediate supervisor. Contact with Information Systems will be by University personnel.
- You must agree to abide by all Information Systems Rules in order to have computer access. Those policies are in the "Electronic Data Systems Policies and Standards" found on the Information Systems website at http://www.nsula.edu/informationsystems/
- If there is a problem with the computer which you use, notify Dr. Granger, Dr. Guin, or your immediate supervisor immediately.
- You may not log on and allow another person to work under your log in name. Nor can you work under someone else's log in.
- Submit completed paperwork to Stacy Fontenot. She will obtain Dr. Granger's signature (he is the "department head")
- Supervisors must initial and date next to the page numbers at the bottom of each sheet.

I, the undersigned, hereby agree to abide by the following rules in regard to being granted access to faculty and staff PCs:

Name:	
Date:	



CULTURAL RESOURCE OFFICE

Northwestern State University Department of Social Sciences Natchitoches, LA 71497 221

EQUIPMENT SIGN-OUT/IN CHECKLIST

Date:

Borrower's Name: ______Address: _____

Phone #:

Checkout Date:

Scheduled Return Date:

(If equipment is needed longer than expected, please notify CRO before Scheduled Return Date)

Purpose:

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Approved by:

Approval must be signed by Dr. Tommy I. Hailey

Borrower assumes all responsibility for equipment. Any damage or loss requiring repair and/or replacement will be paid for by the borrower.

Released by:

Received by:

TO BE COMPLETED BY CRO EMPLOYEE WHEN EQUIPMENT IS RETURNED TO CRO

NA CENTA	Item/Component	Condition Returned	Date
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Returned to and Inspected by:

Date:

Date:

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

Dear Student Technology Fee Coordinator and Committee:

Please accept this letter in support of the Student Technology Fee Grant proposal to provide support for the School of Social Sciences Heritage Resources Program's Digital Imaging Initiative. Documentation of our nation's endangered historical sites and cultural traditions is of paramount importance in the field of heritage resources, and it is imperative that we provide our students, both at the graduate and undergraduate level, with the training and experience needed to make a valuable contribution to this effort both while they are here at NSU as students and after they graduate. With this in mind, the NSU Heritage Resources Program has launched the aforementioned Digital Imaging Initiative, through which students will be taught to document, assess, and interpret heritage sites with the latest technologies.

To launch this initiative, the School of Social Sciences applied for and received a Board of Regents Support Fund Enhancement Grant in the amount of \$155,000 in 2009. This funding is dedicated to the acquisition of a thermal imaging camera, a 3D laser scanner, an HD video camera, and a high-resolution digital still camera. The equipment acquisition process under this grant is underway, and will be completed by December 2009.

To augment the equipment purchased with BoRSF funding, the School of Social Sciences seeks to acquire items which will place the technology directly into the hands of our students both in the field and in the computer laboratory. For the documentation of resources in the field, digital cameras and digital audio recording units have been requested. These units will be available for checkout by the students as needed for individual projects. In addition, microphone/headset combinations and webcams have been requested for the computers in the GIS lab located in Kyser Hall 206. These items will be used by the students to process, edit, and publish the data acquired during fieldwork for both public and professional audiences.

While this equipment will support the Heritage Resources Program's Digital Imaging Initiative, it also has wide-ranging applications for use in many of the classes taught in the School of Social Sciences as well. For example, the microphone/headsets, the digital cameras, and the digital audio recording units would be available for use in the history program's oral history classes. This basic equipment will allow for much needed documentation training throughout the School of Social Sciences.

The funds requested through this Student technology Fee Grant will make these efforts possible, and will demonstrate the university's continued support for placing our students at the cutting edge of technology in their respective fields.

Sincerely,

Steven Horton, Ph.D., Acting Dean College of Liberal Arts



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

October 26, 2009

Student Technology Fee Committee

Dear Members:

The letter is written in support of the Fall 2009 Student Technology Fee Grant proposal submitted by the School of Social Sciences for the purpose of acquiring audio, video, and computer equipment to support the Digital Imaging Initiative currently being undertaken by the faculty of the NSU Heritage Resources Program. This initiative is intended to provide graduate and undergraduate students within the Heritage Resources Program, as well as non-HR students enrolled in HR and in other Social Sciences classes, with training in the latest techniques in recording historical architecture, archaeological sites, traditional cultural practices, and oral histories of local, regional, and national importance.

The Heritage Resources Program has already taken great strides in achieving the goals of this initiative. Just this year, Dr. ElizaBeth Guin and Dr. Tommy Hailey were awarded a Board of Regents Support Fund Enhancement Grant in the amount of \$155,000 to enhance the GIS lab in Kyser 206 with the purchase of high-tech, cutting-edge equipment that will include a portable thermal imaging camera and a high-definition video camera, both of which have already been acquired, as well as a 3D laser scanner and a high-resolution digital SLR camera, which will be received by December 2009.

This success is commendable, but the HR faculty members have recognized a need for quality equipment that can be readily accessible to as many students as possible. For this reason, this proposal requests funding for digital video cameras and digital audio recorders for student use in recording data in the field, and for computer support equipment, including webcams and combination microphone/headsets, for each of the computers in the Kyser 206 GIS lab, where the students will process the data thay have acquired in the field . The requested equipment will permit faculty members to not only demonstrate that latest techniques of documentation and presentation, which our students need to be familiar with in a variety of career paths, but also to involve our students more readily in the process, by permitting them to acquire direct, hands-on experience in gathering digital data in the field and in processing and publishing the results in the GIS lab, both on-line and in more traditional forms.

The success of this initiative is a winning situation both for our students and for our university, and by supporting it financially, we can provide our faculty with the tools they need to accomplish their goals and our students with an unprecedented opportunity to develop skills that will serve them well not only during their time at NSU, but for years to come as their future careers.

Sincerely,

: :

Lisa Abney, Ph.D. V Acting Provost and VP Academic and Student Affairs