Student Technology Fee

Grant Proposal

2011.015

2010-11

Tracy Brown

Comment: _____

Alan Henry

Comment: _____

Gary Gatch

Comment: _____

Mike McDonald

Comment: _____

Dale Martin

Comment: _____

Student Technology Fee
Grant Proposal Request Form
Fiscal Year 2010-11
Northwestern State University of Louisiana

ALL BLANKS MUST BE FILLED COMPLETELY

Prepared by: <u>Michelle Fazio Brunson and Patricia Pierson</u> For: <u>Dept. of Family and Consumer Sciences</u>

Department/Unit: <u>FACS</u>   College: <u>Science, Technology, & Business</u>   Campus: <u>Natchitoches</u>

Which NSTEP Goals/Objectives does this project meet? <u>Goals 2, 5, and 6 and Objectives 1, 5, and 7.</u>

Requested equipment will be located/installed/housed? Building <u>FACS</u> Room –<s>Early</s> <u>Childhood Resource/Methods Room</u>

Does the department requesting funding receive lab fees? (circle one) YES/ NO

Are department property policies and procedures in place for requested equipment? <u>Yes. A Department of Family and Consumer Sciences Technology Plan has been developed and is currently in place. All policies relative to property and equipment inventory, etc. are followed.</u>

Which individual will be responsible for property control of the requested equipment? <u>Patricia Pierson</u>

Signature: _Patricia N. Pierson_____ Date: _10/28/10_____

Proposal Requested Amount: $_492.86_____   Budget Attached (circle one):   YES/NO

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

The proposal must include all specifications, description, model number, quotation, cost, state contract number, and vendor for each item. If the proposal does not include all requested information, it will be retuned to requestor.

1. Describe target audience. The target audience includes Early Childhood Education and Elementary Education majors at the undergraduate level and Early Childhood majors at the graduate level. In Fall 2010, there were 141 undergraduate ECED majors. Additionally, many Elementary Education majors add on Early Childhood Education and would be considered a potential target audience. As of the Fall 2010 census date, Elementary Education majors total 174. Graduate ECED candidates also conduct field experiences on campus. As of Fall 2010, there are 15 ECED M.Ed. majors and 25 ECED M.A.T. majors.
2. Describe project/initiative for which you are requesting funds. The purpose of this project is to house a video camera in the Early Childhood Resource/Methods Room, located in the Family and Consumer Sciences building. This resource room, which houses developmentally appropriate materials that both undergraduate and graduate ECED majors can use to complete

assignments, also doubles as a classroom. Currently, there are no video cameras available to students in the room. If this project is funded, ECED instructors would be able to use the camera to model how to document and assess young children's knowledge, skills, and dispositions, and the students could then use the camera to complete course assignments.

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

The following NSTEP Objectives were used as a basis for constructing objectives for this project:
1. To improve access to technology by students, faculty, and staff at Northwestern State University.
2. To provide classrooms with updated technology and multimedia.
7. To establish processes that encourage technology initiatives by faculty, staff, and students.

Objectives for this project are:

1. To improve access to technology by Early Childhood students at Northwestern State University.
2. To provide Early Childhood classrooms with updated technology and multimedia.
7. To establish processes that encourage technology initiatives by Early Childhood students.

4. Indicate how each objective will be evaluated.

To evaluate NSTEP objective 1 *To improve access to technology by Early Childhood students at Northwestern State University*, data can be collected to determine how many undergraduate and graduate students utilize the equipment and software. This can be done via a log sheet.

Funding of this project would immediately address NSTEP objective 2 *To provide Early Childhood classrooms with updated technology and multimedia*, as there are currently no video cameras in the Early Childhood Resource/Methods Room.

To evaluate NSTEP objective 7 *To establish processes that encourage technology initiatives by Early Childhood students*, data can be collected to determine how many undergraduate and graduate students utilize the camera and how they use it. This can be done via a log sheet.

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

If funded, this project will address the following NSTEP objectives:

1. To improve access to technology by students, faculty, and staff at Northwestern State University.
2. To provide classrooms with updated technology and multimedia.
7. To establish processes that encourage technology initiatives by faculty, staff, and students.

Funding of this project will advance the University Technology Plan by addressing the following goals and/or parts of the following goals, as applicable:

2. *To develop a plan for a learning-centered environment that reflects the "spirit" of the concept including distance learning technologies, innovative strategies and pedagogy, and a commitment to provide the necessary faculty and student resources to make this environment*

possible.

     5. To develop and implement a system of resource commitment and allocation in order to increase excellence in academic and professional programs.

     6. To strengthen national recognition of academic programs at NSU by assessing academic programs against national standards, identifying two programs to be developed or enhanced for national recognition, and developing an integrative program linking majors in the Colleges of Liberal Arts and *Science, Technology, and Business via their use and application of technology in teaching, learning, and research.*

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

Currently, there is no video camera available for student use. If this grant is funded, Early Childhood professors will be able to model how to use video cameras, and both undergraduate and graduate ECED students will be able to use the equipment to complete assignments.

One unique need of the target group is the need to address the *No Child Left Behind Act.* In the field, Early Childhood teachers need to know how to assess and document where there students are in the curriculum in order to inform their teaching, communicate the children's performance to parents and administrators, and make necessary adaptations to instruction. Having knowledge of and the ability to use technology to record children's progress will help the teachers meet *No Child Left Behind* mandates.

The target audience includes Early Childhood Education and Elementary Education majors at the undergraduate level and Early Childhood majors at the graduate level. In Fall 2010, there were 141 undergraduate ECED majors. Additionally, many Elementary Education majors add on Early Childhood Education and would be considered a potential target audience. As of the Fall 2010 census date, Elementary Education majors total 174. Graduate ECED candidates also conduct field experiences on campus. As of Fall 2010, there are 15 ECED M.Ed. majors and 25 ECED M.A.T. majors.

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. Michelle Fazio Brunson will be responsible for the implementation of this initiative. She teaches Early Childhood Methods in the ECED Resource/Room and is responsible for the equipment in the room. She also teaches the ECED undergraduate and graduate courses which require students to use video cameras to complete assignments.

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

Technical support will be required to upload any needed software on the computers in the Early Childhood Resource Room.

9. Provide a schedule for implementation and evaluation.

Requests will be made to upload any camera software as soon as it arrives. Students will then have immediate access to the camera.

10. Estimate the expected life of hardware and software. Explain any anticipated

equipment/software upgrades during the next five years.
The camera is expected to last as long as Microsoft is supporting Windows XP Professional. Upgrades will be made based on changes to the NSU Technology Plan.
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. The Early Childhood Resource/Methods Room remains locked unless a professor is in the room with students. Students are not left alone in the room.
12. Does the department that is requesting equipment receive lab fees? If so, please provide a justification for requesting funds from tech fee funds over using lab fees from your department. While our department does receive lab fees, no lab fees are collected for the Early Childhood program or for Early Childhood courses. Thus, we are requesting funds via the tech fees.
13. Attach a detailed budget. See below.

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:
_X____ Is all information requested provided (items 1 – 13)?
_X____ Is a detailed budget attached?
_X____ Is all specifications, description, model number, quotation, cost, state contract number, and vendor provided for each item?
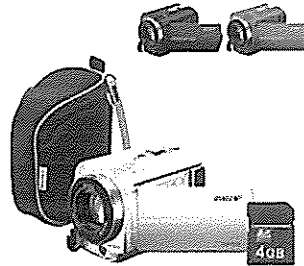_X____ Are your two (2) letters of support attached?
_NA____ If equipment is to be checked-out/loaned, is your policy attached?

Budget for Requested Hardware and Software

Title, Description, Model #	Quote	Cost	State Contract #	Vendor and Phone Number	Quantity
Sony Handycam SR68 80GB Hard Disk Drive Camcorder Plus 4GB Memory Card & Carrying Case Bundle	$379.32	$379.32			1
SanDisk 4GB SDHC Memory Card	$14.88	$113.23			7

Project itemized budget:

From www.Wal-Mart.com

Zoom360°Video
Sony Handycam SR68 80GB Hard Disk Drive Camcorder Plus 4GB Memo... Sony Handycam SR68 80GB Hard Disk Drive Camcorder Plus 4GB Memory Card & Carrying Case Bundle

Bundle Features:
- Sony Handycam SR68 80GB Hard Disk Drive Camcorder w/ 60x Optical Zoom
- Your Choice 4GB SDHC Memory Card
- Your Choice Carrying Case

Order Online

$348.00 In Stock Free shipping with **Site to Store**

SanDisk 4GB UltraII SDHC Card SanDisk 4GB UltraII SDHC Card

- Product Type: Secure Digital High Capacity (SDHC)
- Storage Capacity: 4 GB
Model#: SDSDRH004GA11

Order Online $14.88 In Stock Free shipping with **Site to Store**

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Item	webpage	Quantity	Price
Sony Handycam SR68 80GB Hard Disk Drive Camcorder Plus 4GB Memory Card & Carrying Case Bundle	http://www.walmart.com/ip/Your-Choice-Sony-Handycam-SR68-80GB-Hard-Disk-Drive-Camcorder-w-60x-Optical-Zoom-Two-2-4GB-SDHC-Memory-Cards-Value-Bundle/14574880	1	$348.00 + 9% tax = 379.32
SanDisk 4GB SDHC Memory Card	http://www.walmart.com/search/search-ng.do?search_query=SanDisk+4GB+SDHC+Memory+Card+&ic=48_0&search_constraint=0	7	$14.88 x 7 = $104.16 + 9% tax = $113.54
			Total = $492.86

From: Jennifer Long
Sent: Wednesday, October 27, 2010 11:18 AM
To: Michelle Fazio
Subject: RE: Student Technology Fee Grant Proposal
You can pick the one you would like to receive, if funded. We are doing quotes for PC's, laptops and printer equipment...simple things you can pick from the web.
Thanks.

From: Michelle Fazio
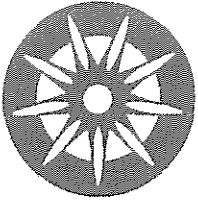**Sent:** Wednesday, October 27, 2010 11:16 AM
To: Jennifer Long
Subject: RE: Student Technology Fee Grant Proposal

Hi, Jennifer,
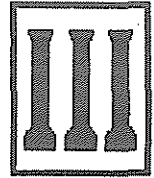Can you send a quote for a simple video camera that can also take still shots?
Thanks!
Michelle

DEPARTMENT OF FAMILY & CONSUMER SCIENCES

COLLEGE OF SCIENCE & TECHNOLOGY

October 27, 2010

Dear Student Technology Fee Grant Evaluators:

This letter is in full support of the Department of Family & Consumer Sciences' request to fund the purchase of a video camera so that Early Childhood Education methods students can document their work with children enrolled at the Marie Shaw Dunn Child Development Center. This video camera equipment will enable college students to visually critique their lessons they are required to teach to the children and thus improve their teaching skills.

I wholeheartedly support the efforts of our Department of Family & Consumer Sciences and the Early Childhood Education program in particular as they seek to upgrade their technology for teaching courses. Please do not hesitate to contact me should you have further questions or if I can provide additional information.
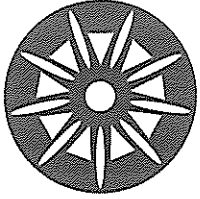
I congratulate you on the fine job you are doing in support of improved student technology at Northwestern State University.
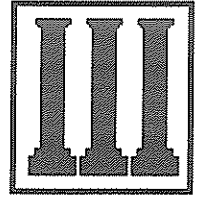
Sincerely,

Patricia N. Pierson, Ph.D., CFCS, Head
Family & Consumer Sciences
College of Science, Technology, and Business

October 27, 2010

Dear Student Technology Fee Grant Evaluators:

I wholeheartedly support the Department of Family & Consumer Sciences' request to fund the purchase of a video camera for use with the Early Childhood Education program. It will be used by methods students to document their work with children enrolled at the NSU Marie Shaw Dunn Child Development Center. This additional equipment will allow students to video-tape the lessons they develop and teach to the children and then be able to critique their teaching and thus improve their teaching skills.

I applaud the efforts of the Department of Family & Consumer Sciences and the Early Childhood Education program in particular as they seek to upgrade their technology for teaching courses. Please do not hesitate to contact me should you have further questions or if I can provide additional information.

I congratulate you on the fine job you are doing in support of improved student technology at Northwestern State University.

Sincerely,

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