2014.013

STUDENT TECHNOLOGY

GRANT PROPOSALS

2013 – 2014

TRACY BROWN: ACCEPTED _____✓_____   OPPOSED: _____

COMMENTS:

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SIGNATURE: _Tracy B_____   DATE: _3/11/14_____

HEATH FITTS: ACCEPTED _____✓_____   OPPOSED: _____

COMMENTS:

_____

SIGNATURE: _Heath Fitts_____   DATE: _3/7/2014_____

SHAWN PARR: ACCEPTED _____✓_____   OPPOSED: _____

COMMENTS:

_____

SIGNATURE: _____   DATE: _3/10/14_____

CHRIS PARISH: ACCEPTED _____✓_____   OPPOSED: _____

COMMENTS: _N/A_

_____

SIGNATURE: _Chris Parish_____   DATE: _3/10/14_____

BRANDON CRAIG: ACCEPTED _____✓_____   OPPOSED: _____

COMMENTS: _N/A_

_____

SIGNATURE: _Brandon Craig_____   DATE: _3/10/14._____

RON WRIGHT: ACCEPTED _____✓_____   OPPOSED: _____

COMMENTS: _IS ONE Room Sufficient?_

_____

SIGNATURE: _____   DATE: _3.13/14_____

Student Technology Fee
Grant Proposal Request Form
Fiscal Year 2013-14
Northwestern State University of Louisiana

ALL BLANKS MUST BE FILLED COMPLETELY

Prepared by:__Terrie T. Poehl_For:_Gallaspy College of Education & Human Development__

Department/Unit:_Teaching & Learning College:_Edu. &Human Dev.   Campus:_Natchitoches

Which NSTEP Goals/Objectives does this project meet?____#2, #7_____

Requested equipment will be located/installed/housed? Building__TEC_____ Room_104C__

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

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

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

Signature: ___Terrie T. Poehl_____ Date: __February 21, 2014_____

Proposal Requested Amount: $_10,265.04_____ Budget Attached (circle one)(YES)NO

Proposal delivered to Student Technology located in Watson Library, Room 113. Date_2. 21.14

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 returned.

1. Describe target audience. The requested items would be used in education courses for undergraduates (majors: early childhood PreK-3, elementary Grades 1-5, Secondary Grades 6-12, Physical education Grades K-12) and post-baccalaureate certification program (PREP) sessions.
2. Describe project/initiative for which you are requesting funds. Literally, almost every undergraduate education major (early childhood, elementary education, secondary education, physical education) has one or several classes that meet in the Teacher Education Center Room 104C. This room currently has a SmartBoard, but the SmartBoard is dying pixel by pixel. In addition to replacing the SmartBoard, accessories for the SmartBoard include speakers, a document camera, and a wireless student response system. Each of these items is commonly found in the public school setting where the candidates complete field experience and student teaching. Due to a lack of these items in the Teacher Education Center, the teacher candidates do not have the opportunity to practice technology-rich teaching methods that will help them become effective, technology literate teachers.

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

1. Teacher candidates will demonstrate the use of the SmartBoard for mastery when teaching an interactive lesson for the course content (English Language Arts, Mathematics, Science, or Social Studies).
2. Teacher candidates will develop an assessment that uses the wireless response system for use in a field experience lesson that they teach.
3. Course instructors will include technology into class activities and individual assessments.
4. Teacher candidates will evaluate their instructional technology preparedness by completing a survey during the last semester of their program

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4. Indicate how each project objective will be evaluated.

Objectives 1, 2, 3
The course instructor will use a rubric to assess each teacher candidate on using the SmartBoard, document camera, and/or wireless response system for key assessments. In addition, teacher candidates will self-assess their work to determine a timeline for improvement through remediation.

Objective 4
Course instructors and department administrators will analyze responses on the survey to make sure that teacher candidates are given proper and extensive training on instructional technology.

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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?

NSTEP Objectives:
#2. To provide classrooms with updated technology and multimedia.
#7. To encourage technology initiatives by faculty, staff, and students.

Advancement of technology plan:
The four tenets of the College of Education and Human Development Conceptual Framework, Models for Learning, includes creative/critical thinking, responsibility-taking, decision-making, and problem solving. These four tenets must be modeled, that is, practiced by faculty and mastered by candidates. In addition, diversity and technology are integrated and interwoven across programs and in coursework. The key assessments chosen for required courses will integrate effective uses of the interactive board, document camera, and other instructional technology items.

As a leader in the state, region, and nation, in teacher education, the Northwestern State University College of Education and Human Development must take a leadership position in preparing teacher candidates according to the Conceptual Framework. The funding for the requested items will ensure that teacher candidates are well-prepared and technology literate to enter the teaching profession.

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.

In short, the technology budget for the College of Education and Human Development is not sufficient to upgrade and improve the technology in the classroom that is used for all methods classes. The technology fee of $5 that teacher candidates pay each semester does not allow for purchases of technology that outfit a classroom.

The classes that use this classroom are EDUC 3100, EDUC 4230, EDUC 4330, EDUC 4010, EDUC 4080, RDG 3030, and RDG 3060 for teacher candidates in undergraduate programs. If this initiative is funded then EPSY 3000 (Assessment) would use the classroom to demonstrate to teacher candidates how to use instructional technology to assess K-12 students. The teacher candidates would complete assignments indicating their mastery in this practice. Teacher candidates enrolled in the alternative certification program use this room for weekend classes. The yearly total number of teacher candidates completing these classes is 350.

All teacher candidate, undergraduate and graduate, must be technologically proficient prior to graduation. In fact, they must be able to demonstrate mastery of these skills as they are observed during student teaching and other field experience assignments.

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. Terrie Poehl will lead the initiative to implement using the requested items. She teaches EDU 3100, EDUC 4230, and EDUC 4330 and uses instructional technology in all classes especially WebEx technology in online courses.

The various instructors that teach RDG 3030, RDG 3040, RDG 3060, and EDUC 4080 will implement the use of the requested items in reading methods classes. They will be the initial group of faculty to receive professional development on the requested items.

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

Mrs. Jennifer Long ████ will assist in purchasing the items and getting them installed in the Teacher Education Center, Room 104, Pod C.

9. Provide a schedule for implementation and evaluation.

The items will be available for professional development as soon as the grant is award and items are purchased. The professional development will last throughout the 2014 summer semester. Use of the items will be integrated in courses and implemented beginning with the 2014 fall semester.

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

All of the requested items should remain as up-to-date instructional technology for five to seven years. Software updates and increased accessories should occur yearly or biyearly.

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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 requested items will be secured to the wall of the classroom housing the items. There is no need for a checkout/loan policy.

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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.

Our technology fees are $5 for each course. This minimal fee covers the cost of paper and printer supplies for student use of the computer lab rooms in the Teacher Education Center along with teaching supplies for course items. Obviously, this is a minimum fee and it is not sufficient to pay for an upgrade of technology for a classroom.

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13. Attach a detailed budget.

See attached .

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14. Attach two (2) letters of support for the project from the following individuals: the requesting department's Dean, the appropriate Vice President or for student request, the SGA President from the requesting campus.
Letters from:
Dr. Vickie Gentry, Dean of the Gallaspy College of Education and Human Development
Dr. Lisa Abney, Provost and Vice President of Academic and Student Affairs

summit

Date: 2/17/2014
To: Jennifer/NSU
Phone:

From: Scott Albarado (salbarado@summit-sys.com)
Re: **Smart Board System Quote for College of Education Grant**

Qty	Description	Line #	*Unit Price	*Total Price
	State Contract #406245			
1	Summit-SIS-SMA-SB885ix2-800 Series 84" Interactive Whiteboard	02528	$ 5,199.25	$5,199.25
1	Summit-SIS-SMT-SBA-L- USB Audio System	02521	$ 279.30	$279.30
1	Summit-SIS-SMT-SRP-PE-32-Interactive Response System	02231	$ 1,199.13	$1,199.13
1	Summit-SIS-SMT-SDC-45-Document Camera	02522	$ 769.30	$769.30
1	Summit-SIS-Interface2-Computer Interface Device	03401	$ 152.85	$152.85
1	Summit-SIS-Interface3-Computer Interface Device	03402	$ 190.21	$190.21
9	Summit-SIS-PC-INT- Interconnect Cables & Connectors	03219	$ 35.00	$315.00
24	Summit Onsite Installation & System Testing	99777	$ 90.00	$2,160.00

Total $10,265.04

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

February 20, 2014

Student Technology Committee:

This letter serves as a confirmation of my support for the Student Technology Fee Grant submitted by Dr. Terrie Poehl. She is a faculty member in the Teaching and Learning Department of the Gallaspy College of Education and Human Development (COEHD). This college represents the storied beginnings of Northwestern State University as the Louisiana State Normal School.

Beginning in 1884, the institution offered two-year degrees for teacher training. A baccalaureate program began four years later. Other degree programs developed since then where people could earn a master's degree and education specialist degree. This historical perspective demonstrates the need for the COEHD to offer use and assessment of instructional technology in courses at various stages of development for teacher candidates.

The funding that this grant will provide the necessary instructional technology items that are absolutely necessary. The schools where the teacher candidates complete field experience work have far more technology than the classrooms in the Teacher Educator Center. This makes it extremely difficult for them to learn technology-rich teaching methods.

The grant proposal focuses on two of the NSTEP objectives. Objective #2 state, "To provide classrooms with updates technology and multimedia." The current interactive board in the intended classroom is not working properly and has not worked properly for over a year. The other objective that is a focus of this proposal is #7. this objective states, "to encourage technology initiatives by faculty, staff, and students." The COEHD faculty have an end-of-program survey that teacher candidates complete. An often-seen comment is that courses do not have sufficient use of instructional technology. Teacher candidates truly want to graduate as effective teachers with a multitude of teaching skills that include mastery use of instructional technology. This grant will provide a beginning to meeting that need.

Please give this proposal every consideration for funding. The modest fees that teacher candidates pay each semester do not allow for purchasing the items requested in this proposal.

Sincerely,

Lisa Abney
Provost & Vice President
Academic & Student Affairs

February 20, 2014

I support the grant proposal from Dr. Terrie Poehl for the upgrade and additional items for the Teacher Education Center, Room 104, Pod C. This room is used for methods class completed by undergraduates in the early childhood, elementary education, secondary content subject education, and physical education majors. Teacher candidates completing these programs represent an overwhelming majority of students enrolled in College of Education and Human Development degree programs. This classroom is also used for courses required in the alternative certification (PREP) program and other professional development activities..

The acquisition of an updated interactive board and appropriate accessories will help teacher candidates learn about and participate in effective teaching methods. Staying abreast of current teaching methods and the research that verifies their use is important for all of NSU's teacher candidates. As the first teacher preparation college in Louisiana, it is imperative teacher candidates taking various classes for teacher preparation at the undergraduate, post baccalaureate certification, and masters' degree can develop their skills prior to their first teaching position.

Various research studies indicate the positive use of the requested items by the NXU teacher candidates. It is important for them to develop mastery skill level as research (Marzano, 2009) shows that K-12 students demonstrate a 16 percentile gain in student achievement on standardized tests. In addition, these student also show a 26 percentile gain in student achievement using a wireless learner response system. In order for these gains to occur, teacher candidates must be proficient users of these items. This is the foundation of the request for these items.

The use of the requested items from the funding provided by the Student Technology Fees Account will provide our students with the ability to access advanced technology and to supplement work required in the regular coursework of our teacher candidates on the undergraduate and graduate levels.

The College of Education Technology Plan identifies improving access to technology by students, faculty, and staff as one of its main objectives. A second equally important objective is providing classrooms with updated technology and multimedia. This initiative allows for continuation of hands on learning experiences for our future teachers that begin in the education classrooms within the Teacher Education Center at a reasonable cost.

It is my hope that this initiative is funded. The College of Education and Human Development believes its teacher candidates have a unique need in that they must be able to integrate technology as an instructional tool for the teaching/learning process. The fulfillment of this grant will aid in achieving this goal.

Sincerely,

Vickie Gentry, Ph.D., Dean
Gallaspy College of Education and Human Development