Student Technology
Fiscal Year 2006-07
Grant Proposals

Delivered to IS: 11/1/06 (Date) Jennifer Long Martin (Signature)

Dr. Jim McCrory: Approved Denied
Comment: _____
Signature: _____ Date: _____

Tim Chadbourne: Approved Denied
Comment: _____
Signature: _____ Date: 11/2/06

Gary Gatch: Approved Denied
Comment: _____
Signature: _____ Date: 11/7/06

Dale Martin: Approved Denied
Comment: _____
Signature: _____ Date: _____

Tyron/Diana: Approved Denied
Comment: _____
Signature: _____ Date: 11/6/06

FF

Student Technology Fee
Grant Proposal Request Form
Fiscal Year 2006-07
Northwestern State University of Louisiana

2007.011
Proposal Number

Prepared by: __Leeann Sticker; John Byrd_____ For: _ Resting Metabolic Rate Analyzers ____

Department/Unit:_Biology__ College: _Science and Technology_ Campus: _Leevsille/Fort Polk_____

Which NSTEP Goals/Objectives does this project meet?__1, 2, 3, 7_____

Requested equipment will be located/installed/housed? Building _551_____ Room _10__

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: __Leeann Sticker; John Byrd_____ Date: ____10/30/06_____

Grant Proposal Requested Amount: $__8,270.00_____ Budget Attached (circle one): YES

Grant delivered to Student Technology located in Watson Library, Room 113. Date _10/31/06___ 2:36pm

1.Describe target audience.
All students in the following courses:NUTR 1030 (Human Nutrition); NUTR 1020 (Nutrition and Human Needs); NUTR 1020 (Child Nutrition); ZOOL 1230 (Human Physiology); ZOOL 1231 (Human Physiology Laboratory); BIOL 1010 (Biological Principles I); BIOL 1011 (Biological Principles I Laboratory).

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

Purchase two Resting Metabolic Rate Analyzer (MetaCheck).

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

Using the MetaCheck, the students will be able to evaluate their own resting metabolic rate.
Using the MetaCheck results and assessment information, the students will be able to interpret their own resting metabolic rate.
Using the results from the MetaCheck and interpretation, the students will be able to determine their own energy balance equation to assistance in weight maintenance.

4. Indicate how each project objective will be evaluated.

The project objectives will be evaluated by student and professor surveys. These surveys will evaluate the objectives in box 3 in addition to the system's ease of use, effectiveness, and recommendations for future use.

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?

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

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.

Human Nutrition is part of the Health and Personal Fitness core requirement, Human Physiology is required by all allied health and science related majors, and Biological Principles is required by all science related majors. Professors in these courses use numerous life application exercises, including assessment of body weight and body fat, for optimal comprehension. Many students do not truly the amount of calories they burn every day; thus how many calories they need to consume to lose, gain or maintain their body weight. New technology has produced a portable device that accurately measures resting metabolic rate (the number of calories burned per day at rest). This resting metabolic rate analyzer is easy to use; no special preparations by the student or the professor are needed. The students will use this technology to accurately evaluate and interpret their own resting metabolic rate. Thus the students will be able to determine their own energy balance equation to assistance in weight maintenance, loss or gain.

Total number of students in these courses combined per year is approximately 160.

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.

Leeann Sticker, PhD in Nutritional Physiology will be responsible for implementation of the project.

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

None.

9. Provide a schedule for implementation and evaluation.

This technology will be incorporated into the courses immediately and evaluated every semester.

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

No upgrades are anticipated within 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 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 MetaCheck will be stored in a locked storeroom in the Science Laboratory at the Leesville/Fort Polk Campus. When in use, the MetaCheck will be in constant view of the professor and then returned to its locked storeroom when not in use.

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?
__✓__ Is all specifications, description, model number, quotation, cost, state contract number, and vendor provided for each item?
__✓__ Are your two (2) letters of support attached?
__N/A__ If equipment is to be checked-out/loaned, is your policy attached?

Budget for 2 Resting Metabolic Rate Analyzers

Description	Vendor/Vendor Catalog Number OR State Contract Number	Cost
2-METACHECK QUICK START KIT Delivery: INCLUDES: METACHECK UNIT, HP PRINTER, 50 DISPOSABLE TUBES, MARKETING MATERIALS, USER MANUAL, POWER SUPPLY AND 1 YEAR WARRANTY.	**Korr Medical Technologies, Inc.** **2463 South 3850 West Suite #200** **Salt Lake City, UT 84120 USA** **phone: 801.483.2080** **toll free: 800.895.4048** **fax: 801.483.2123**	Unit Cost: $3,495
2-METABREATHER 100 PACK		Unit Cost: $600
SHIPPING		$40.00
		Total: $8,270

Estimated Lifespan: 10 years.
Upgrades: none required.

KORR
2463 South 3850 West #200
Salt Lake City, Utah 84120
PH: (801) 483-2080 FX: (801) 483-2123

Our Quotation # 001154-00

10/26/2006

Duplicate Copy

To :

NORTHWESTERN STATE UNIVERSITY OFLA
3329 University Parkway
LEESVILLE LA 71446

Quotation Valid Thru : 01/26/2006

Terms : TO BE DETERMINED

Attention : LEEANN STICKER

We are pleased to quote your requirements as shown below. Our company has a reputation for delivering quality products on time and we look forward to the opportunity of serving you.

Item	Facility / Part / Rev / Description / Details			Quantity Quoted	Unit Price	Extended Price
001	**Default**					
	9FG0123	Rev A	U/M EA	1.0000	3,495.0000	US$ 3,495.00
	METACHECK QUICK START KIT					
	Delivery: INCLUDES: METACHECK UNIT, HP PRINTER, 50 DISPOSABLE TUBES, MARKETING MATERIALS, USER MANUAL, POWER SUPPLY AND 1 YEAR WARRANTY.					
002	**Default**					
	9FG0187	Rev A	U/M EA	1.0000	600.0000	US$ 600.00
	METABREATHER 100 PACK					
003	**Default**					
	SHIPPING	Rev NS	U/M EA	1.0000	40.0000	US$ 40.00

Total Items Price **US$ 4,135.00**

Customer

Authorized Signature

NORTHWESTERN
State University
A Member of the University of Louisiana System
3329 University Parkway
Leesville, Louisiana 71446

Leesville Campus

Telephone (337) 392-3100
FAX (337) 392-3183
e-mail: www.nsula.edu/leesville/

October 30, 2006

Student Technology Fee Grant
Selection Committee

Dear Committee:

Please know that I fully support the Student Technology Fee grant proposal submitted by Dr. Leanne Sticker to purchase two resting metabolic rate analyzers for the Leesville Ft. Polk campus. Up-to-date technology is a necessity in teaching today, and this equipment will go a long way to bring us up to date.

At a cost of only $10 per student per year for a life expectancy of three years, the per pupil, per year cost of this project is an extremely cost efficient proposal.

Implementing this proposal would be perfectly in line with both NSU's and this campus' technology plans. Funding this proposal for this campus would be a wise use of Student Technology Fees. Please consider this proposal positively.

Sincerely,

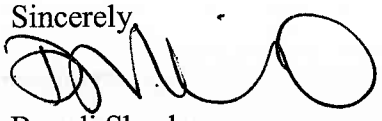
Larry E. Monk, Ed. D.
Executive Director

October 31, 2006

To whom it may concern:

I am a student at Northwestern State University, Fort Polk Campus. I am currently enrolled in Nutrition (NUTR 1030), Physiology (ZOOL 1230), and Physiology Lab (ZOOL 1231). In all three of the classes we have learned about Resting Metabolic Rates. We learned how to manually calculate this rate, which has a large room for error. In learning, it would be extremely beneficial to have a tool at hand to help us learn how to figure this rate accurately. The Resting Metabolic Rate Analyzer is a tool that would be widely used in semesters to come by many students and would aid in the education process. Appropriate technology is necessary to aid our teachers in providing the best education possible to all students here at the Fort Polk Campus.

Sincerely,



Brandi Shealy

NORTHWESTERN STATE
UNIVERSITY OF LOUISIANA
Natchitoches, LA 71497

Student Technology
Watson Library, Room 113

Telephone (318) 357-6482
FAX (318) 357-6480

January 10, 2007

Ms. Leeann Sticker
Northwestern State University
3329 Univeristy Parkway
Leesville, LA 71446

Dear Ms. Sticker,

It is with pleasure that the STAT (Student Technology Advisory Team) has fully funded your grant proposal for Fiscal Year 2006-07 in the amount of $8,270.00.

Ordering of equipment listed in the grant proposal will take place during the month of January.

Please be reminded that your grant was funded through Northwestern Student Technology Fees, all equipment purchased, therefore, must be used exclusively and directly for/by Northwestern students.

You are commended for, and encouraged to continue your efforts to enrich the learning environment for students at Northwestern State University. Your time, effort, and vision in service of the students are greatly appreciated. If you have questions or need additional information please contact me by phone or via email at: long@nsula.edu.

Sincerely,

Jennifer Long Martin
Student Technology

cc: Mr. Larry Monk