

STUDENT TECHNOLOGY FEE REQUEST FORM

Procedure for Submission

Form Updated 9/05/17

- 1 Submitter must obtain required information from vendor(s). An official quote from the vendor must be attached. No website screen shots
- 2 This request must be reviewed, approved, and submitted by the requesting program's School Chair
- 3 The School Chair may email this request to the Tech Fee Director *Since some schools will have multiple requests, please rename request PDF files in the following format: Schoolname# (rank, 1 being the highest priority) example - SocialJustice1, SocialJustice2, etc Please submit as one PDF file*

Dept making request:	SERS	Requesting Faculty:	Dr. McLoughlin	Date Submitted:	10/17/17
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IMPORTANT: Attach an official quote from the vendor.

List one item OR group (for use as a "package") per page.

Item Name	Vendor info. (name, address, Web site URL, phone #, email, etc.)	Part or Model #	Cost (each)	Qty	Total
Biotek Synergy Microplate Reader	Fisher Scientific 1 800 766 7000 www.fishersci.com	BTS1LFTA	21,8500	1	21,850

Course(s) where item(s) will be used	KINE 4/5560, KINE4870, KINE6/8550, KINE8960, KINE2530, KINE2540, KINE6/8990	Expected life of product (years)	10+	# Students Impacted per Year	40
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Location equipment or software will be used/stored	Will Tech Fee needed for annual renewal or maintenance? What is the annual cost?
	No

Provide a brief description of the technology requested*:

A multi mode plate reader with fluorescent, luminescent, UV and visible light reading capabilities. This device attains data by measuring the fluorescent, emitted or absorbed light in a small liquid sample.

Briefly describe how the technology will be used (function)*:

The concentration of samples can be attained by measuring the amount of transmitted light absorbed through the sample. Biological pathways can be measured in real time by coupling a fluorescent or luminescent indicator to the pathway and measuring the emitted light. Finally RNA and DNA can be quantified. This plate reader can also scan from the bottom of plates, allowing it to gather data from growing adherent cells

Provide a rationale that Tech Fee funds are appropriate for this request*:

Undergraduate and graduate students in SERS receive instruction in molecular biology based research to elucidate mechanisms of muscle repair and exercise. Proving our students with the multiple ways this plate reader can gather data will increase productivity, strengthen research and publications. Previously we had a multi mode plate reader that no longer works and is not repairable. This would replace that instrument.

***Keep in mind that the committee members come from a variety of educational backgrounds and may not be familiar with department specific language. Please use concise, common terminology so that committee members reviewing this form will be able to fully understand the request.**

- If you are submitting a request for computers, printers, scanners or software, you must consult with College Computing and the technology staff, to acquire a quote and to make sure that this equipment/software is supported by UT and compatible with existing technology

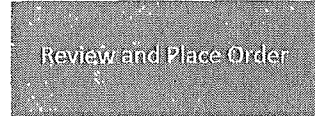
Sales Quotation

*Quote Nbr	Creation Date	Due Date	Page
7289-7505-67	10/16/2017		1 of 1
Payment Terms		Delivery Terms	
NET 30 DAYS		DEST	
Valid To		Prepared By	
11/15/2017		NOAK, ALYSSA D	
Customer Reference		Sales Representative	
THOMAS MCLOUGHLIN 16OCT2017 READER		ALYSSA NOAK	
To place an order	Ph 800-766-7000	Fx 800-926-1166	
Submitted To		Customer Account 832700-032	
THOMAS MCLOUGHLIN ALYSSA NOAK@THERMOFISHER.COM 419-530-5982		UNIVERSITY OF TOLEDO KINESIOLOGY DEPT 2801 W BANCROFT ST M S 119 TOLEDO OH 43606-3390	



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Please note This link initiates order review / placement through fishersci.com

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Nbr	Qty	UN	Catalog Number	Description	Unit Price	Extended Price
1	1	EA	BTS1LFTA	SYNERGYHTX LUM,ABS,FLUOR,TRF Reader, Microplate, BioTek Synergy, HTX, Multi-Mode, With Luminescence, top/bottom fluorescence, time-resolved fluorescence and UV-Vis absorbance Vendor Catalog # S1LFTA This item is being sold as 1 per each	21,850.00	21,850.00
MERCHANDISE TOTAL						21,850.00

NOTES:

We now offer highly competitive financing with low monthly payments. Please contact your local sales representative for more information.

Tell us about your recent customer service experience by completing a short survey. This should take no longer than three minutes. Enter the link into your browser and enter the passcode USA-PGH-CS2

<http://survey.medallia.com/fishersci>