

Materials, Services, Facilities and Technology Fee Fiscal Year 2019-2020 Budget Request Form

DUE: Friday, January 25th, 2019

If you have questions about this form, please contact David Daniels at david.daniels@csuci.edu

For additional information please consult the MSFT web page

▼ Application

Project or Activity Title

Field and Laboratory Environmental Monitoring Equipment for Environmental Science and Resource Management

Requestor

Clare Steele

Requestor Phone Number

6502834671

Requestor Email

clare.steele@csuci.edu

Staff Support Member for Activity

Emily Welsh ESRM Technician

Staff Support Member Email

emily.welsh@csuci.edu

Amount of MSFT Funding Requested

204819.00

Date Funding Needed By

2019-01-21

Are you a member of the Division of Student Affairs?

- No
 Yes

Please select your AVP/Dean

Kohli, Vandana - Dean of Arts & Sciences

Require_DSA_AVP_Review

Will you receive funds from any other source(s)?

- No
 Yes

Has this project or activity previously received MSFT funding?

- No
 Yes
-

Please describe how the use of MSFT funds for this project or activity will benefit the CI student body.

Please provide the following in your application. You may attach additional files as needed (applicants may be requested to meet with the committee to discuss proposals)

1. Brief Project Description

Describe the project and its benefits to the educational or co-curricular experience of students at CI. Please provide specific information about how MSFT funds will be used and their impact on the campus. Please describe how this project benefits CI students? Please describe items and provide justification if your request includes the purchase of computers, equipment, furniture or other materials. Please provide a timeline for implementation of the proposed project. If physical improvements are requested please describe need, scope and impact of work to be completed. If the project includes provision of services please indicate the type of service, personnel costs and level or quantity of service to be provided with project funds.

2. Project/Activity Budget

Please enclose a complete detailed budget of the entire project. Indicate specific items of requested MSFT funding including (where applicable) a schedule and priority of project items to be considered if the project is funded at a reduced level. Were other, less costly, approaches considered when preparing the budget for the project? Are there elements that could be eliminated or deferred if funding is not available for the entire project?

3. Project Assessment

Describe how the effectiveness of the project will be assessed and measures that will be used to determine if it has attained its objectives. Please note a report will be due at the end of the semester (or fiscal year for annual projects). If funded, how will the project acknowledge the use of student funds so that students are aware that their student fees made (or helped to make) it possible? If appropriate, indicate how the project or activity promotes sustainability at CI.

4. Sources of Project Support

Please list the other sources of funding, and additional support for the activity. If this project or activity has been conducted previously please indicate how it was funded. Please explain if MSFT is the only source of support for the project.

Brief Project Description

The ESRM program is growing rapidly and we request equipment and instrumentation in order to enhance our capacity to serve students in preparing them for careers in highly technical fields. The ESRM Program prepares students with technical expertise in the newest environmental monitoring technologies available in order to prepare them for professions in environmental science and monitoring locally and nationally. A new suite of educational endeavors, building upon both our previous success from embedding more data collection and research-based experiences into our ESRM courses and new advances/innovations in the field of environmental monitoring have created a need for additional technologies to augment our existing instruction.

This request for environmental monitoring equipment for the field and laboratory, ranked in order of importance to the program, will facilitate student experiences in sampling and analysis. Of particular high priority are items that are versatile and may be used to maximum benefit across several courses. The proposed equipment will greatly benefit students enrolled in the following courses (estimated enrollment):

ESRM 200 Principals of Resource Management (30)

ESRM 313-Conservation Biology (75)

ESRM 328-Intro to GIS (80)

ESRM 335-The Beach (75)

ESRM 350-Rest'n Design (15)

ESRM 351-Field Methods (30)

ESRM 410-Env Impact Asst. (20)

ESRM 428-Interm GIS (25)

ESRM 462-Coastal Management (50)

ESRM 463-Water Resources (30)

ESRM 491-Capstone Prep (50)
ESRM 494-Indep. Research (10)
ESRM 499-Capstone (50)

Brief Project Description Additional Documents

Project/Activity Budget

Please see attached budget. Items are grouped and are ranked, with highest priority items towards the top of the spreadsheet.

Project/Activity Budget Additional Documents

[MSFT_2019_2020 Budget.xlsx](#)

Project Assessment

The ESRM program will provide a report to the MSFT Committee after equipment purchase.

Project Assessment Additional Documents

Sources of Project Support

We have previously received support from MSFT focused on the area of water quality monitoring. The diversity of technical specializations in Environmental Science and Resource Management necessitates the need for additional equipment to support other areas of student technical instruction in the laboratory and in the field. ESRM has historically relied heavily upon external faculty research grants to provide various monitoring technologies for student use across our curriculum. Many of these sources are now in question given new policy/spending priorities with numerous federal agencies which have funded ESRM efforts to date. MSFT funding will be the only source of funding that will enable us to source this equipment to better serve our students.

Sources of Project Support Additional Documents

Accounting String to Fund Any Overage Above MSFT Award

GD901 767

Fiscal Management:

Project sponsor's unit or department may be responsible for incurred over and above what is funded through the MSFT. If support is requested for costs beyond initial award, or for use on activities or materials not included in approved proposals, the project sponsor must seek approval from the MSFT committee. The project sponsor will be responsible for managing purchases, transfers of funds, and all transactions related to approved projects

Please review MSFT web page for information about the fund and its objectives before submitting your application.

 Clare Steele

Jan 25 2019

▼ AVP/Dean Review

- I recommend approval of the MSFT Funds Request described on this page
- I DO NOT recommend approval of the MSFT Funds Request described on this page

Comments

 Vandana Kohli Jan 30 2019

