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# Application Summary

## Competition Details

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<b>Competition Title:</b>	MSFT Applications for 2020-2021
<b>Category:</b>	Internal Funding
<b>Award Cycle:</b>	2020-2021
<b>Submission Deadline:</b>	4/10/2020 3:00 PM

## Application Information

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<b>Submitted By:</b>	Catherine Hutchinson
<b>Application ID:</b>	275
<b>Application Title:</b>	Equipment for Biology 433 - Ecology Lab
<b>Date Submitted:</b>	2/27/2020 1:27 PM

## Personal Details

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<b>Applicant First Name:</b>	Catherine
<b>Applicant Last Name:</b>	Hutchinson
<b>Applicant Department:</b>	Biology
<b>Email Address:</b>	catherine.hutchinson@csuci.edu
<b>Phone Number:</b>	(805) 437-8403
<b>Who is the Staff Support for Project/Activity?:</b>	Catherine Hutchinson
<b>Staff Support email:</b>	catherine.hutchinson@csuci.edu

## Application Details

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### Proposal Title

Equipment for Biology 433 - Ecology Lab

### Brief Project Description

The Biology Program seeks funding for equipment for use in our Biology 433 Ecology and the Environment laboratory course. This course requires students to go out into the field, such as, Santa Rosa Island, to measure rain, temperature, fog and water quality. Currently, the students are using make shift items they have built. Unfortunately, they are getting data, but its accuracy is questionable. The equipment we are seeking to purchase would eliminate any questions about the data and allow the students to present their findings at conferences and/or at meetings on campus. This course is an interdisciplinary course under upper division general education for scientific inquiry and quantitative reasoning and therefore taking by Biology majors, ESRM majors and non-majors.

### Amount of MSFT Funding Requested

8,237.9

**Project/Activity Budget Detail**

Detail is attached

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

No

**Other Funding Sources**

The Biology Program will absorb maintenance of the equipment as part of their operating budget.

**Has this project or activity previously received MSFT funding?**

No

**Acknowledgment**

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**Fiscal Management**

Project applicant/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 applicant/sponsor will be responsible for managing purchases, transfers of funds, and all transactions related to approved projects

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

**CSU Channel Islands  
MSFT Proposed Budget  
2020-2021**

Please layout in detail when various components of your plan will be complete in order to achieve key milestones. This information will be used to forecast the spending of MSFT within the fiscal year.  
PS: all purchases/services need to be received and billed to CI before June 30th to account for the current fiscal year.

**SAMPLE**

**Project or Activity Title**

**Total Requested  
\$\$**

Chemistry Laboratory Instrumentation Refresh

\$452,000

**MSFT Planning Budget Calendar 2020-2021**

Items or services requested to be funded	July 2020 -Period 1	August 2020-Period 2	September 2020 -Period 3	October 2020 -Period 4	November 2020 -Period 5	December 2020 -Period 6	January 2021 -Period 7	February 2021 -Period 8	March 2021 -Period 9	April 2021 -Period 10	May 2021 -Period 11	June 2021-Period 12	Grand Total
Purchase of UPS Power Conditioner				\$ 9,000.00									\$ 9,000.00
Purchase Glove Box			\$ 42,000.00										\$ 42,000.00
Purchase of Spectrophotometer						\$ 156,000.00							\$ 156,000.00
Purchase of Fluorimeter							\$ 39,000.00						\$ 39,000.00
Purchase of Analytical Ultracentrifuge			\$ 198,000.00										\$ 198,000.00
Lab. Student assistant hours to set up equip.								\$ 2,000.00	###	\$ 2,000.00	###		\$ 8,000.00
<b>Total</b>	\$ -	\$ -	\$ 240,000.00	\$ 9,000.00	\$ -	\$ 156,000.00	\$ 39,000.00	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00	\$ 2,000.00	\$ -	\$ 452,000.00

**CSU Channel Islands**  
**MSFT Proposed Budget**  
**2020-2021**

Please layout in detail when various components of your plan will be complete in order to achieve key milestones. This information will be use to forecast the spending of MSFT within the fiscal year.  
 PS: all purchases/services need to be received and billed to CI before June 30th to account for the current fiscal year.

**Project or Activity Title**

**Total Requested  
 \$\$**

Enter the title here

total amount

*\*formulas will calculate totals*

**MSFT Planning Budget Calendar 2020-2021**

Items or services requested to be funded	July 2020 -Period 1	August 2020-Period 2	September 2020 -Period 3	October 2020 -Period 4	November 2020 -Period 5	December 2020 -Period 6	January 2021 -Period 7	February 2021 -Period 8	March 2021 -Period 9	April 2021 -Period 10	May 2021 -Period 11	June 2021-Period 12	Grand Total
DS1921G-F5# ThermoChron iButton	\$ 1,214.40												\$ 1,214.40
DS1923-F5# HygroChron Temperature & Humidity iButton	\$ 1,788.00												\$ 1,788.00
HOBO Rain Gauge Data Logger	\$ 1,260.00												\$ 1,260.00
HOBO U23 Pro v2 Temperature & Relative Humidity Data Logger	\$ 1,020.00												\$ 1,020.00
HOBO USB Optic Base Station (to read & program data loggers)	\$ 124.00												\$ 124.00
HOBOWare Pro CD or USB Drive Software	\$ 99.00												\$ 99.00
Miscellaneous materials to builig three fog catchers	\$ 500.00												\$ 500.00
YSI ProDSS Multiparameter Water Quality Meter	\$ 1,650.00												\$ 1,650.00
pH buffer solutions for YSI ProDSS	\$ 82.00												\$ 82.00
Solution to verify pH, ORP, and conductivity for YSI ProDSS	\$ 106.50												
Turbidity standard to calibrate YSI ProDSS	\$ 309.00												
Nitrate standard to calibrate YSI ProDSS	\$ 85.00												
* you can add lines to your budget by inserting lines here													\$ -
<b>Total</b>	<b>\$ 8,237.90</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 8,237.90</b>

Description	Number needed	Unit price	Subtotal \$
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