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# Application Summary

## Competition Details

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**Competition Title:** MSFT Applications for 2021-2022

**Category:** Internal Funding

**Award Cycle:** 2021-2022

**Submission Deadline:** 03/16/2021 10:00 AM

## Application Information

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**Submitted By:** Colleen Delaney

**Application ID:** 850

**Application Title:** Anthropology Sierra Hall Laboratory equipment, materials and service

**Date Submitted:** 03/14/2021 6:51 PM

## Personal Details

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**Applicant First Name:** Colleen

**Applicant Last Name:** Delaney

**Applicant Department:** Anthropology

**Email Address:** colleen.delaney@csuci.edu

**Phone Number:** (805) 233-2110

**Who is the Staff Support for Project/Activity?:** Alex Padilla

**Staff Support email:** Alex.padilla@csuci.edu

## Application Details

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### Proposal Title

Anthropology Sierra Hall Laboratory equipment, materials and service

### Brief Project Description

## Brief Project Description

### **Anthropology Sierra Hall Laboratory equipment, materials and Student assistant**

The Anthropology program requests funding to obtain equipment and materials for use in biological anthropology and archaeology classes, equipment for use in the new sociocultural anthropology program in Oral History, and funds to pay for a student to assist with the organization and inventorying of Anthropology materials. The Anthropology program has a relatively small O&E budget, making the purchase of most costly classroom equipment and materials impossible.

The requested materials and equipment will be used in both General Education and Anthropology major/minor courses, serving a broad cross section of students at CI. Most Anthropology classes with high impact practices (HIPs) fulfill 2-3 of the CI Mission Pillars (service learning, interdisciplinarity, and multicultural perspectives). In particular, these materials will permit the program to continue to train students in HIPs which will improve post-baccalaureate employment and graduate school opportunities.

Specifically, the program requests the following: (the requested equipment, materials, and service are ranked in the associated spreadsheet).

#### **a) Archaeology equipment (SIE 1324)**

4 tablets with cases, and 3 hand held GPS devices for mapping and recording. These will be used in numerous classes in biological anthropology and archaeology, such as Introduction to Archaeology, Forensic Anthropology and Archaeological Reconnaissance. Most importantly, training in these methods will assist students' ability to obtain employment in these fields by providing training in current industry standards, which is expected of all prospective employees and graduate school applicants.

#### **b) Biological Anthropology laboratory classroom equipment (SIE 1314):**

12 spreading calipers, and a disarticulated skeleton of a New World monkey. Currently the Anthropology program has 12 digital sliding calipers shared between all Anthropology classes in archaeology and biological anthropology. Since classes are sometimes simultaneous, calipers are split between classes, leaving only 1 caliper/4-5 students. Twelve additional calipers will permit a ratio of 2 students/caliper in laboratory classes.

The Biological Anthropology teaching collection lacks a New World monkey in its comparative collection. These items will be used in all Biological Anthropology classes (most of which fulfill GE Categories B2, B3, UDGE-B, and/or Interdisciplinary Perspectives).

#### **c) 3D printer and associated printing materials: SIE 1323 (Anthropology workroom)**

Teaching collections in archaeology and biological anthropology are expensive, or difficult to obtain (archaeological artifacts, for example). One silver lining to the COVID-19 pandemic, some professional anthropologists are scanning their materials and putting the files online, making them available without cost! The Anthropology program, therefore, requests funds to purchase a 3D printer and associated filaments. A 3D printer will allow us to improve our teaching collection by filling in gaps of materials we have not yet obtained, and by printing newly found fossils, possibly years they are made available by educational companies. In addition to the biological anthropology specimens, faculty could print sample artifacts for archaeology classes, and students in Experimental Archaeology, as well as Capstone students, could print materials for their projects.

#### **d) funds for equipment: Qualitative Research 'Lab' & Sociocultural Anthropology classes**

The Anthropology Program requests funds to purchase recording equipment, and transcription software and hardware for the Qualitative Research Laboratory. This equipment will be used by students to record life history interviews and for various group project interviews associated with research methods courses and their capstone research projects. Specifically, these will be integral to several courses including Qualitative Research Methods (ANTH 375), Oral History and the Community (ANTH 327), and Capstone (ANTH 499). The Anthropology program is in discussions with the Museum of Ventura County and the SRIRS to join a project recording oral histories related to the Channel Islands; the equipment will be used for this project as well.

### **e) Student Assistant**

The Anthropology program requests funds to pay for a student assistant to work 10 hours/week to assist with the organization and inventory of material in the Anthropology storage space in Chaparral Hall and the Sierra Hall classrooms. Much of our equipment and teaching collections were packed and moved quickly during Summer 2019 by an outside firm when Manzanita was closed to our program (among others). Materials were not placed in an organized manner, being split between the two locations. The Anthropology program currently only has 2 active TT faculty members, and has neither student assistants nor lab technicians of any kind. Given busy schedules, and COVID-19 pandemic, the program has not been able to complete the organization of the spaces and materials. These funds would provide an Anthropology student with employment, and would permit the program to have all materials inventories and easily accessible for classroom use and student projects.

#### **Timing:**

Materials will be used in classes during the 21-22AY, as soon as funds are awarded. The funds for a student assistant will be used to employ a student either Fall 2021 or Spring 2022 semester.

#### **Other Funding Sources**

MSFT is the only source of funding for these materials. Anthropology has a relatively small O & E budget which is sufficient to purchase smaller items necessary for teaching, but not large enough purchase a more costly items, such as the 3D printer or the equipment needed in the archaeology classes. We plan to apply for lottery funds when available, and are on the "lookout" for other sources.

#### **Past MSFT Funding:**

In the past Anthropology has received funding for two disarticulated human skeletons for the Biological Anthropology laboratory classroom, as well as computers and software for the Qualitative Anthropology "lab."

#### **Recurring Costs**

The only recurring cost would be the purchasing of filament material for the 3D printer.

#### **Project assessment:**

The effectiveness of these materials will be reflected in: 1) the ability of students to successfully complete specific components of the course learning objectives, 2) the creation of a repository of life history interviews conducted by students, 3) expanded community outreach with service learning in archaeological field classes, and 4) the completion of the organization and inventory of equipment and materials in Chaparral and Sierra Halls.

To acknowledge the use of student funds, acknowledgement will be included in the course syllabus and notes posted in the laboratory.

### **Amount of MSFT Funding Requested**

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### **Project/Activity Budget Detail**

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

No

**Other Funding Sources**

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

Yes

## **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
Tablets_Samsung Galaxy Tab A_10.1 Touchscreen_3GB ram_Wifi Tab; 64GB micro sd card_GPS capability	\$ 1,316.00												\$ 1,316.00
2 yr warranty for tablets	\$ 191.96												\$ 191.96
Otterbox Defender Series Case for the tablets	\$ 359.80												\$ 359.80
EOS Arrow Lite GPS receiver, submeter accuracy	\$ 1,995.00												\$ 1,995.00
BadElf GPS PRO+ (1-1.5meter accuracy)	\$ 899.97												\$ 899.97
Mitutuyo digital caliper 500-171-50 (1-6")	\$ 2,160.00												\$ 2,160.00
Black Spider Monkey Skeleton, Disarticulated; SC-265-D					\$ 1,900.00								\$ 1,900.00
storage case for black spider monkey disart. Skeleton					\$ 62.00								\$ 62.00
Paleo-Tech Student Spreading Calipers	\$ 576.00												\$ 576.00
Student laboratory assistant \$15/hour; 10 hours/week			\$ 600.00	###	\$ 600.00	\$ 450.00							\$ 2,250.00
CR-10S PRO V2 3D Printer; free shipping						\$ 725.00							\$ 725.00
1.75mm filament, 1kg spool; with free shipping, tax of \$33						\$ 492.80							\$ 492.80
Tascam DR-40x Handheld Portable Audio Recorder: \$220 x2 = \$440				\$ 440.00									\$ 440.00
SHURE SM7B Microphone with-VOX 2 rack Omni-Directional Lavalier Lapel Microphone: \$80 x2 = \$160				\$ 160.00									\$ 160.00
Casematix Customizable Digital Recorder and Accessory Travel Bag Case: \$30 x2 = \$60				\$ 60.00									\$ 60.00
SanDisk Ultra 64GB microSDXC UHS-I Card with Adapter: \$20 x2 = \$40				\$ 40.00									\$ 40.00
Movo WMX-20-DUO 48-Channel UHF Wireless Lavalier Microphone System: \$220 x1				\$ 220.00									\$ 220.00
Express Scribe Software \$80 x2 : 160				\$ 160.00									\$ 160.00
AltoEdge USB Foot Pedal: \$125 x2: \$250				\$ 250.00									\$ 250.00
AAA Rechargeable Batteries (12-count): \$35 x 2: \$70				\$ 70.00									\$ 70.00
9. Battery Charger \$25 x1				\$ 25.00									\$ 25.00
added estimated tax						946.07							\$ 946.07
* you can add lines to your budget by inserting lines here													\$ -
<b>Total</b>	<b>\$ 5,338.73</b>	<b>\$ 2,160.00</b>	<b>\$ 600.00</b>	<b>\$ 2,025.00</b>	<b>\$ 2,562.00</b>	<b>\$ 2,613.87</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 15,299.60</b>