



**Materials, Services, Facilities and Technology Fee
Fiscal Year 2016-2017 Budget Request Form***

DUE: Friday, January 15, 2016 @ 5:00 P.M.

Please return completed requests via email to gina.matibag@csuci.edu

If you have questions about this form, please contact Gina Matibag at (805) 437-3320
For additional information please consult the MSFT web page.

Project or Activity Title: **Bioanthropology Classroom Teaching Materials**

Name of organization requesting funds: **Anthropology** Date: 1/14/2016

Requestor: **Colleen Delaney** Contact Phone Number: **(805) 437-3312**
E-mail: **colleen.delaney@csuci.edu**

Amount of MSFT Funding Requested: **\$21,442.13**

Date Funding Needed by: **Fall Semester 2016 preferred**

Will you receive funds from any other source(s)? **Other funding requested/pending**
If yes, please detail amount requesting from other source(s) as well as your total request for fiscal year 2015-2016 (including request from MSFT).

Has this project or activity previously received MSFT funding? **NO**
If yes, please attach copy of report

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 pages and materials (applicants may be requested to meet with the committee to discuss proposals):

1. Brief Project Description.

The Anthropology program requests funding for additional instructional materials for our Bioanthropology laboratory classroom in Sierra Hall. The materials for these classes are used by undergraduate majors, as well as non-Anthropology CI students in a variety of General Education courses offered by the Anthropology program. The funding of this proposal will permit the program to complete our cast collection of human and non-human skeletal materials, and to obtain necessary storage and osteometric equipment. These instructional items assist with the instruction of students in comparative morphology of various species, and help student identify and understand traits associated with locomotion, subsistence, the evolution of species, as well as adaptation in

general. In particular, the casts are essential for the growth of the forensic anthropology and human evolution classes, which have grown in popularity. The casts requested will be used primarily in bioanthropology instruction, but will also be used in archaeology classes as well. Furthermore, these materials will be made available to Anthropology Capstone students, and the possibility exists for some materials being used by students in other programs on campus, such as biology.

2. Project/Activity Budget. Please enclose a complete detailed budget of the entire project. Indicate (in **bold**) 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?

The project budget is listed below. Items are listed in order of importance within instructional category, and are further subdivided by vendor.

If funding is not available for the entire request we prioritize purchases and will continue to solicit funds (from lottery funds, etc) until we can complete the purchase of these items. The sooner we can complete this comparative collection, the better able we are to serve CI students. For example, we recently purchased (via lottery funds) a disarticulated male human skeleton for our teaching collection. The successful funding of this proposal will permit us to purchase a female skeleton for comparative purposes.

Anthropology MSFT 2016-2017 request

Item	Co.	#	Price/unit	Ttl Cost	Notes
Non-Human Primates					
Black Spider Monkey Skeleton (Disarticulated)	BC	1	1625	1625	NW primate
Howler Monkey Skull	BC	1	168	168	NW primate
12Owl Monkey Skull	BC	1	109	109	NW primate
Pygmy Marmoset Skull	BC	1	98	98	NW primate
Weeping Capucin Skull	BC	1	150	150	NW primate
Mouse Lemur Skull	BC	1	90	90	NW primate
Aye-aye Skull	BC	1	170	170	NW primate
Ring-Tailed Lemur Skull	BC	1	119	119	NW primate
Tarsier Skull	BC	1	82	82	NW primate
Titi Monkey Skull	BC	1	98	98	NW primate
Male Mandrill Baboon Skull	BC	1	235	235	Sexual dimorphism: cranial and dental
Female Mandrill Baboon Skull	BC	1	190	190	Sexual dimorphism: cranial and dental
Female Chimpanzee Articulated Pelvis	BC	1	201	201	Locomotion morphological changes
Male Chimpanzee Pelvis, Articulated	BC	1	195	195	Locomotion morphological changes
Black Spider Monkey Pelvis, Articulated	BC	1	168	168	Locomotion morphological changes
Rhesus Macaque Pelvis, Articulated	BC	1	168	168	Locomotion morphological changes

Bushbaby Skull	SU	1	71	71	NW primate
Ball Python Skull	SU	1	65	65	dental comparison lab
Hominids					
Proconsul africanus Skull	BC	1	149	149	Skull/cranium morphological changes
Sivapithecus Skull	BC	1	210	210	Skull/cranium morphological changes
Australopithecus africanus Skull Sts 5 "Mrs. Ples"	BC	1	280	280	Skull/cranium morphological changes
Australopithecus anamensis - Mandible - KNM-KP-29281	BC	1	110	110	Skull/cranium morphological changes
Australopithecus anamensis - Maxilla - KNM-KP-29283	BC	1	110	110	Skull/cranium morphological changes
Homo rudolfensis Skull KNM-ER 1407	BC	1	195	195	Skull/cranium morphological changes
Homo antecessor Skull	BC	1	220	220	Skull/cranium morphological changes
Comparative set Hyoids Neanderthal and Modern Human	BC	1	70	70	Speech morphology indicator
Neanderthal Hand reconstruction	BC	1	365	365	Locomotion morphological changes
Neanderthal Foot reconstruction	BC	1	365	365	Locomotion morphological changes
Homo habilis OH-8 Foot	BC	1	162	162	Locomotion morphological changes
Ardipithecus ramidus Hand, Articulated	BC	1	310	310	Locomotion morphological changes
Ardipithecus ramidus Foot, Articulated	BC	1	310	310	Locomotion morphological changes
Sahelanthropus/Toumai Skull	SU	1	280	280	Skull/cranium morphological changes
Kenyanthropus Skull	SU	1	265	265	Skull/cranium morphological changes
Taung Child Skull (Reconstructed): Australopithecus africanus	SU	1	136	136	Skull/cranium morphological changes
KNM ER 1813 Skull: Homo habilis	SU	1	195	195	Skull/cranium morphological changes
Nariokotome Boy Skull: Homo ergaster	SU	1	280	280	Skull/cranium morphological changes
Atapuerca 5 Skull : Homo heidelbergensis	SU	1	305	305	Skull/cranium morphological changes
Aegyptopithecus Skull	SU	1	89	89	Skull/cranium morphological changes
Human					
Disarticulated Human Skeletons (preferable one female/one adolescent)	SU	2	4800	9600	Forensics! Locomotion
Human Male Adult Pelvis, Articulated	BC	1	140	140	Locomotion morphological changes
Articulated Female Pelvis with Pits of Parturition	BC	1	148	148	Locomotion morphological changes

Magnetic Osteological Teaching Skull, 22-piece, natural	BC	1	339	339	Forensics! Genetic skeletal abnormality
Human Female Achondroplasia Dwarf Skull	BC	1	380	380	
Accessories					
Plastic Carrying Case for Human Skeleton or Multiple Skulls	BC	1	89	89	For plastic skeletons
Premium Carrying Case for Human Skeleton or Multiple Skulls	BC	3	198	594	For real human skeletons
Caroline Osteometric Board	Carolina	2	149.85	299.7	bone measurements

Totals with shipping and sales tax (companies contacted)

Carolina Biological total order: \$306.38

Skulls Unlimited Total order: \$11,370.00

Bone Clones total order: \$9765.75

TOTAL : \$21,442.13

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.

The effectiveness of the project will be gauged by student mastery of the material in classroom and laboratory settings, as well as by the ability of instructional faculty to expand the topics and information covered in class. If funded, the program will place a sign in the laboratory classroom acknowledging the use of student fees for the completion of our teaching collection.

4. Sources of Project Support.

The Anthropology program did secure \$4880 (via Lottery Funds) in Fall 2015 to purchase a complete, disarticulated human skeleton from Skulls Unlimited.

Other funding is pending, but as of this deadline no additional funding has been secured.

The O & E budget for Anthropology is sufficient for smaller items necessary for teaching, but is not large enough to cover the cost of expanding the cast collection.

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 and transfers of funds related to approved projects.

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

Requestor

Signature

Date

AVP

Signature

Date