# Unit Plan: Equipment Requests [Acct. Category 6000]

**Unit:** ANTHROPOLOGY  
**Division or Area to Which You Report:** SOCIAL SCIENCE  
**Name of Person Completing this Form:** SUSAN SPERLING, KIP WALDO  
**Date:** March 10, 2008

**Audience:** Budget, Deans  
**Purpose:** To be read and responded to by Budget Committee.  
**Instructions:** Please fill in the following as needed. Text boxes below will expand as you type.  
**Please note:** this form is for equipment whose unit cost is over $200

**Brief Title of Request (Project Name):** Anthropology Lab  
**Building/Location:** Building 500 502 (old room number)  
**Request Amount (include unit cost, total cost, tax, and shipping):** $44,136

**Description of the specific equipment or materials requested:**

<table>
<thead>
<tr>
<th>1. Document projector and bulb - $2500</th>
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<td>2. Lab equipment</td>
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<tr>
<td>a. 5- Atlas for Physical Anthropology @ $50 - $250</td>
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<tr>
<td>b. 5 - Lab Manual and Workbook @ $70 - $350</td>
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<td>c. 58.95 10 Vernier dial caliper, metric - $625</td>
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<td>d. 94.25 10 Digital caliper - $975</td>
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<td>e. 120.50 2 Osteometric board - $265</td>
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<td>f. 10 Craniometer / spreading calipers @$55.00 - $560</td>
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<td><strong>$3025 -Total</strong></td>
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<td>3. Fossil, living population and tool casts</td>
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<tr>
<td>a. 1 Homo antecessor skull $215.00</td>
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<td>b. 1 Homo neanderthalensis child skull $279.00</td>
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<tr>
<td>c. 1 Homo sapiens (Skuhl) female skull $289.00</td>
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<tr>
<td>d. 1 Homo florensiensis skull $295.00</td>
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<tr>
<td>e. 1 set Australopithecus anamensis $370.00</td>
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<td>f. 1 Australopithecus afarensis (Lucy), skeleton $6,300.00</td>
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<td>g. 1 Australopithecus africanus (Mrs Ples) $260.00</td>
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h. 1 Homo ergaster (Nariokotome) skeleton $5,900.00
i. 1 Neanderthal skeleton Reconstruction $13,700.00
j. 1 Chacma baboon male skull $208.00
k. 1 Bonobo female skull $205.00
l. 1 Gorilla female skull $220.00
m. 1 Gibbon skeleton, articulated $2,175.00
n. Pygmy Hippopotamus $375.00
o. Atlantic Bottle-nose dolphin $360.00
p. Neanderthal Tools, set of 21 stone tools $960.00
$32,111- total

4. Laptop computers and software
   a. 2 Laptops @ 1000
   b. Instructional software $350

What educational programs or institutional purposes does this equipment support?

1, 2, 3 & 4 Physical/ Biological Anthropology Lab

Briefly describe how your request relates specifically to the Educational Master Plan and the Goals and objectives Section of your Unit Plan (Part II, Section 2)?

1, 2, 3 & 4 Our goal is to provide a comprehensive physical anthropology lab program making the best use of the facilities provided by the bond. And, after we are moved into the lab, to develop a forensic anthropology class.

Why is this equipment necessary?

_____ Immediate health, safety, or security issues

__X__ Increases enrollment

_____ Prevents further deterioration of facilities

_____ Shows cost advantage due to rising prices

__X__ Provides visibility for the Bond Program

Briefly describe how the above criteria are satisfied:
The document camera replaces the overhead projector which necessitates the production of acetate overheads and is very limited in its use. This equipment will allow faculty to utilize the full range of instructional materials in conducting the lab - both 2-dimensional (paper) and 3-dimensional casts, bones and tools. This will allow students to gain a greater understanding of the subject matter.

2 & 3 Casts allow students to get a close-up, hands-on experience with the subject matter. Working with casts allows for developing an understanding of the bases for identification and classification of species, tool types etc. It also provides a basis for real comparison of the specimens under study.

4. Computer-based software is being developed that allows students to manipulate virtual specimens. Many texts are packaged with software. Laptops will allow faculty to work with students in maximizing utilization of the software while working with it outside of the lab.

What is the consequence of not funding the equipment?

1. We will continue to utilize the existing overhead projector and will not be able to fully utilize the facilities of the lab.
2. We will not have a fully equipped lab for students to work in.
2a. We will not be able to develop a forensic anthropology class with a lab component allowing students hands-on experience.

What alternative approaches have been considered to meet programmatic demands for this equipment?

1. & 2. None are available

How many students will be impacted by the purchase of this equipment? _75 per semester_ in labs 250 per semester in ANTH1

Do students use this equipment? _2, 3 & 4 yes _1 no

Is this equipment a replacement? _yes _1, 2, 3 & 4 no

Staffing requirements for new equipment (number of staff, are they available, training, etc.):

Will training be required? _yes _1, 2, 3 & 4 no

At whose cost?
**What are the estimated ongoing costs** (for maintenance, etc.)?

1. Bulb replacement. We will purchase the same type of equipment utilized elsewhere on campus.

**Are there potential utility costs/savings?**

**Is this request CTE (Career Technical Education) Eligible?**  _____ yes  _____ no (if forensics is considered within this)