1. Project Short Title

<table>
<thead>
<tr>
<th>5-8 Word Project Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>A.D.A.M. Interactive Anatomy and Physiology Software for Health Science Students</td>
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</table>

2. Total Requested Amount (reference to funding for “Years Following” removed)

<table>
<thead>
<tr>
<th>Fiscal Year 2003</th>
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<tbody>
<tr>
<td>$ 9,649.40</td>
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3. Executive Summary

<table>
<thead>
<tr>
<th>Project Description (Three or four sentences)</th>
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<tbody>
<tr>
<td>A.D.A.M./Primal Pictures software is state-of-the-art anatomy and physiology interactive software that is used to enhance student understanding of the structures and function of the human body. This software is critical for all students in the health sciences, and will supplement and enhance the experiences in required anatomy and physiology classes. Software will be placed on computers in new Student Health and Human Sciences Computer Laboratory (9th Floor, Urban Life).</td>
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4. Project Description

A computer laboratory for students in the health sciences was funded in last year’s technology fee grant cycle. This request for funds is to provide discipline specific software on the 15 workstations in this lab that are dedicated to use by students in the health sciences. The interactive anatomy and physiology software will be used to help students prepare for the gross anatomy, anatomy, and physiology classes that are requirements in the health science disciplines. This proposal requests funding for 15 copies of the A.D.A.M Interactive Anatomy Module; 15 copies of the Interactive Physiology Module; and a laboratory Pak of 6 sets of the Primal Pictures injury modules of the major joints, hand, hip, foot, eye and shoulder.

5. Relevance to Regents Guidelines

[1] Technology fee revenues should be used primarily for the direct benefit of students to assist them in meeting the educational objectives of their academic programs.

[2] Technology free [sic.] revenues should be used to assure that there are sufficient campus licenses for primary productivity tools such as those found in the Microsoft Office product suites and for discipline specific software.

[3] Technology fee revenues should be used for hardware and Network related expenditures that
include support of general purpose or special purpose laboratories used by students for body productivity and more discipline related activities.

6. Relevance to Strategic Plan(s)

The Strategic Plan of the University states that its vision is to provide an academic environment conducive to effective and inspired teaching, learning, and scholarship and to be recognized as one of the leading national state-assisted research universities located in an urban setting. This entails [among other factors] providing a learning-centered environment, and exploration and use of new learning methods. The strategic plan also accept the idea that network-delivered, computer-mediated learning experiences will probably dominate post-secondary learning in the decades ahead.

The College Strategic Plan has as a major goal, "To obtain and maintain needed physical space and equipment to support the specialized laboratory and clinical simulation needs for effective teaching of students in the health care professions."

This proposal targets stated elements in both the University and College Strategic plans.

7. Impact on Students Served

Students in the health sciences, including those in nutrition & dietetics, physical therapy, cardiopulmonary care sciences, and nursing will all benefit from the described software. The approximate number of students in these majors is 1,048, the majority of whom will be required to access the requested software. The software will be placed on computer stations in the new Health and Human Sciences Computer Lab (9th floor Urban Life Building), which will have open access to students from 8:30am to 5:30pm daily. The lab will always have a trained person available to answer questions regarding software/computer usage.

8. Justification of Funding Requirements for Fiscal Year 2003

<table>
<thead>
<tr>
<th>Object of Expense</th>
<th>Itemized Descriptions</th>
<th>Quantity</th>
<th>Extended $ Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Software</td>
<td>ADAM Interactive Anatomy (Item D1009-3D, Version 3.05) Price is discounted for 10 to 19 copies @ $319.00 each</td>
<td>15</td>
<td>$ 4,785.00</td>
</tr>
<tr>
<td></td>
<td>ADAM 3D Volume 2 AIA Version 3.05 upgrade, adding 3D images for Brain, Eye, Ear, Male &amp; Female Reproductive Systems. Price is discounted for 6 to 19 copies @ $26.96 each</td>
<td>15</td>
<td>$ 404.40</td>
</tr>
<tr>
<td></td>
<td>ADAM Interactive Physiology Set, Item Number PIM/D2001A, Including cardiovascular, fluids and electrolytes, muscular, nervous, respiratory, and urinary systems. Price is discounted for license for up to 20 users</td>
<td>20-user license</td>
<td>$ 960.00</td>
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9. Consequences of Partial Funding

The demand for this software is expected to be higher than the current access options (i.e., 15 workstations in the College computer lab).

Only 75% funded: The project would remain viable, but would reduce by 25% (i.e., software for 11 workstations vs. 15) student access to the software.

Only 50% funded: The project would remain viable, but would reduce by 50% (i.e., software for 7 workstations vs. 15) student access to the software.

10. Standard Dollar Amounts

N/A

11. Standard Replacement Thresholds

N/A

12. Prerequisite, Non-Technology Fee, Funding

N/A

13. Matching Funds

N/A

14. Staffing and Other Support Availability

N/A

15. Space Availability

Software will be installed on computers in the Health and Human Sciences Student Computer Room on the 9th Floor of the Urban Life Building, which has 15 student workstations. This space is CBSAC-assigned to the College of Health and Human Sciences.

16. Impact on Facilities

N/A

17. Impact on Computing/Network Infrastructure
This is stand-alone software that does not access the University’s computer and networking infrastructure. Therefore, there is not expected to be any impact on the infrastructure created by this project.

18. Post-Project Assessment Criteria

When software is installed on the computers, a notice will be provided to all health sciences students and faculty. The Health Sciences Computer Center has an ongoing survey to monitor student usage and demand.

19. Review and Acknowledgements

This project has been reviewed and approved by:

- Dr. Susan Kelley, Dean, College of Health and Human Sciences
- Mr. Anthony Roberts, Business Manager, College of Health and Human Sciences
- Dr. Alice Demi, Acting Chair, School of Nursing
- Dr. Marcia Pearl, Chair, Department of Physical Therapy
- Dr. Joseph Rau, Chair, Department of Cardiopulmonary Care Sciences
- Dr. Christine Rosenbloom, Chair, Department of Nutrition

This project was developed by Dr. Dan Benardot, Associate Dean, College of Health and Human Sciences

This is priority 2 of 4 for proposals submitted by the College of Health and Human Sciences