Computation Advisory Committee

AGENDA

January 22, 2015

Business Meeting
1) Call meeting to order; seating of substitutes
2) Approvals
   a. Agenda
   b. Minutes from last regular meeting, November 19, 2014
3) Financial Report
4) Old Business
   a. Residence Halls CAC Account/Papercut
   b. Papercut
5) New Business
   a. CHS Unusual Expense Request
   b. Techstarter
   c. Handouts from Eliot
6) Good of the order
7) Adjourn
### Additional Fees*

<table>
<thead>
<tr>
<th>Field</th>
<th>Code</th>
<th>FY14 (Summer &amp; Fall 2013; Spring 2014)</th>
<th>FY15 (Summer &amp; Fall 2014; Spring 2015)</th>
<th>1/20/2015 Computer Fees Free Balance**</th>
</tr>
</thead>
<tbody>
<tr>
<td>Engineering</td>
<td>202-02-67-00-0001 &amp; 00-0002</td>
<td>1,825,278</td>
<td>932,861</td>
<td></td>
</tr>
<tr>
<td>Computer Science</td>
<td>202-21-06-00-0050</td>
<td>110,873</td>
<td>61,236</td>
<td></td>
</tr>
<tr>
<td>Business</td>
<td>202-08-40</td>
<td>89,899</td>
<td>42,593</td>
<td></td>
</tr>
<tr>
<td><strong>Subtotal - Units</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Unit Costs**

<table>
<thead>
<tr>
<th>Field</th>
<th>Code</th>
<th>FY14 (Summer &amp; Fall 2013; Spring 2014)</th>
<th>FY15 (Summer &amp; Fall 2014; Spring 2015)</th>
<th>1/20/2015 Computer Fees Free Balance**</th>
</tr>
</thead>
<tbody>
<tr>
<td>Central Pool/CAC Initiatives</td>
<td>202-17-10</td>
<td>1,452,912</td>
<td>716,732</td>
<td>2,143,720</td>
</tr>
<tr>
<td>IT Services</td>
<td>202-26-36</td>
<td>1,051,054</td>
<td>518,472</td>
<td>60,448</td>
</tr>
<tr>
<td>Library</td>
<td>202-09-10</td>
<td>338,959</td>
<td>167,352</td>
<td>163,836</td>
</tr>
<tr>
<td><strong>Subtotal - Units</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Total**

<table>
<thead>
<tr>
<th>Field</th>
<th>Code</th>
<th>FY14 (Summer &amp; Fall 2013; Spring 2014)</th>
<th>FY15 (Summer &amp; Fall 2014; Spring 2015)</th>
<th>1/20/2015 Computer Fees Free Balance**</th>
</tr>
</thead>
<tbody>
<tr>
<td>Subtotal - Colleges</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Total Fees Paid**

<table>
<thead>
<tr>
<th>Field</th>
<th>Code</th>
<th>FY14 (Summer &amp; Fall 2013; Spring 2014)</th>
<th>FY15 (Summer &amp; Fall 2014; Spring 2015)</th>
<th>1/20/2015 Computer Fees Free Balance**</th>
</tr>
</thead>
<tbody>
<tr>
<td>Total</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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*Computer Fee balance for additional fees is incorporated with standard fee in "Colleges" list.

**Includes encumbrances.

### 2013-2014 Technology Fees

<table>
<thead>
<tr>
<th>Fee/Semester</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standard Fee</td>
<td>$115.00</td>
</tr>
<tr>
<td>Graduate Students Standard Fee</td>
<td>$92.00</td>
</tr>
<tr>
<td>Computer Science</td>
<td>$223.00</td>
</tr>
<tr>
<td>Engineering</td>
<td>$223.00</td>
</tr>
<tr>
<td>Business</td>
<td>$135.00</td>
</tr>
<tr>
<td>Graduate Students Business Fee</td>
<td>$112.00</td>
</tr>
</tbody>
</table>
## Central Pool Budget - FY15
### 1/15/2015

<table>
<thead>
<tr>
<th>FY14 Balance Forward/FY15 income^</th>
<th>FY15 Transfers or Expenditures through 1/15/15</th>
<th>FY15 Current Balance</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,300,937</td>
<td>523,607</td>
<td>1,824,544</td>
</tr>
</tbody>
</table>

### Enterprise Initiatives:
- FY14 and FY15 Wireless Initiative (FY14 alloc to date)*
  - FY14: 972,526
  - FY15: 880,447
  - FY15 Current: 92,079

### General Commitments:
- Office Support (Miscellaneous)
  - FY14: 5,000
  - FY15: 120
  - FY15 Current: 4,880
- Student Network Access Program
  - FY14: 55,000
  - FY15: 9,063
  - FY15 Current: 45,937
- Student Printing Subsidy
  - FY14: 175,000
  - FY15: 97,917
  - FY15 Current: 77,083
- PaperCut Support
  - FY14: 25,000
  - FY15: 707
  - FY15 Current: 24,293
- Administrative salary support (Swanson)
  - FY14: 4,700
  - FY15: 4,706
  - FY15 Current: -6

### CAC Initiatives (current):
- FY11 - Lohrbach-Wireless Exp
  - FY14: 51,281
  - FY15: 2,322
  - FY15 Current: 48,959
- FY14 - Reiman Gardens-McLaughlin
  - FY14: 38,066
  - FY15: 24,737
  - FY15 Current: 13,329
- FY14 - Virtual Surgery-Peterson
  - FY14: 9,058
  - FY15: 4,709
  - FY15 Current: 4,350

### Computer Fee Print Income - Pass Through
- FY14: 21,077
- FY15: 10,506
- FY15 Current: 31,583

### FY14 Balance
- FY14: 2,636,568
- FY15 Transfers or Expenditures through 1/15/15: 501,120
- FY15 Current Balance: 2,135,448

### Available for commitment\^\^:
- 1,824,544

*Another $1m will be allocated in FY15.
\^Does not include estimated Computer Fee income for FY'15. Estimated income will be 1,500,000.
APPENDIX A

Request for advance approval of unusual* expenses

[*Categories of unusual expenses are listed in paragraph 2, Section III of the “Guidelines for Appropriate Expenditure of Income from the Student Technology Fee.”]

Department: HD FS

Building/room location: 2115 HNSB

Description: Costs are for enzyme immunoassay kits to measure salivary hormones of cortisol, DHEA and testosterone as health-related biomarkers that index stress, aging and development, respectively. These kits will be assayed in my laboratory, but the costs are only for the class-related components. Within the course, students will practice pipetting into 96-well plates, will learn to use laboratory equipment such as plate washers and readers, will learn the principles of an assay including laboratory safety practices. Students will collect saliva in the real-world, and then will conduct the assays on their samples. This will culminate in knowledge about how biomarkers provide information about health.

Total Project Cost: Costs requested include only consumable supplies, but these require access to my biosafety level II laboratory which is being finalized using start-up funds.

Category of unusual expense(s) within the project (see http://www.cio.iastate.edu/committees/cac/policies/expenditures 2011-2012.pdf):

This request fits within (4) Recurring costs instrumental to the delivery of educational technology and content as this one-time cost may become recurring if the class is offered again in the future. This request does not fit within unallowable expenses for (1) Sponsored or (2) Un-sponsored research or consulting by faculty or staff, respectively, as the assays are not conducted as a part of "research" and do not work towards my own projects.

Costs associated with these unusual expenses: $2479.50 for kits ($250.50 per kit for each biomarker including cost of consumable lab supplies such as cryovials, gloves, pipette tips, 96-well plates, and bench paper).

Date(s) of proposed expense: March 2015

Justification*: Without these kits, knowledge will be limited to reading- and classroom-based learning rather than having a hands-on approach. This hands-on experience is important for dispelling the myths about biomarkers (that these numbers are "real" or infallible) and for giving students confidence in their learning (i.e., that they are expert enough to know what TMB is). Thus, this experience is a key exercise in critical thinking about biological processes and for understanding how health-related measures are actually measured in a laboratory. While it is a 1-time expense for this course, it could become recurring if the class is offered again at the undergraduate or graduate level.

*(Please attach PIQ of employee if requesting greater than 50% of base salary support from CAC.)

Digitally signed by Elizabeth Shirtcliff
DN: cn=Elizabeth Shirtcliff, o=Iowa State University, ou=Human Development and Family Studies, email=birdle@iastate.edu, c=US

Requested by: ____________________________

Date: 2014.12.08 10:30:34 -06'00'

College approval: ____________________________
APPENDIX A
Request for advance approval of unusual* expenses

[*Categories of unusual expenses are listed in paragraph 2, Section III of the “Guidelines for Appropriate Expenditure of Income from the Student Technology Fee.”]

Department: SCHOOL OF EDUCATION (SOE)

Building/room location: 0760 Lagomarcino Hall
Description: Upgrade of low technology items for student to use in SOE classroom 0760 Lagomarcino. Items: Whiteboard for wall and mobile whiteboards.

Total Project Cost: $3,800.00

Category of unusual expense(s) within the project (see http://www.cio.iastate.edu/committees/cae/policies/expenditures_2011-2012.pdf):

Costs associated with these unusual expenses: $3,800 (Replace bulletin board with a Whiteboard for wall, and Mobile Whiteboards)

Date(s) of proposed expense: January 2015

Justification*: Our goal in the SOE and CTLT is to create creative, forward thinking classroom space that will allow students to collaborate and work in groups. Currently the plan for this classroom is to make the classroom as versatile or multipurposed so that it can be used in a variety of ways.

This classroom setup will have a variety of options:

- Set up in the traditional lecture style classroom with projection to the class with 2 projectors.
- Tables are moveable and can be set up for group work or lecture.
- Mobile whiteboards can be pulled to a table for small group work.
- The mobile whiteboards can also serve as a partition when students use the room when not in class.

With the transition to mobile, fluid, and active learning environments, having 'low tech' tools helps to effectively use the technology and the space for learning. Having a room that provides flexibility will accommodate a variety of pedagogical approaches that instructors will use in the classroom.

The replacement of the bulletin board to a whiteboard surface will upgrade the surface that will create a "wall writing" surface in the classroom to accommodate and model many instructional strategies currently used in PreK-12 classrooms. The mobile whiteboards will allow flexibility of use because these devices would be "mobile" around the room and can be used for small group/individual work in other areas of the classroom. This type of 'low-tech' technology will help facilitate additional active and engaged learning in that classroom.

Wall Whiteboard: $800.00
Mobile Whiteboards: $3,000 (3)
Vendor/Cost estimates obtained from CDWG

*(Please attach PIQ of employee if requesting greater than 50% of base salary support from CAC.)

Requested by: Denise Crawford, SOE CAC Chair

College approval: [Signature]