To: UABC, APC, Chancellor Shields

From: Liz Throop, Dean, College of Liberal Arts and Education
LAE Budget Committee

Date: October 6, 2014

Re: LAE Capital/Lab Mod Requests

Below is a list of capital and lab mod requests, in prioritized order. Proposals are attached.

1. Lab Mod request on behalf of the University $24,000
   --one of the rooms in the basement of Karmann, in which First-Year Composition is taught for (usually) twelve hours a day, contains 24 9 year old desktop computers, used constantly. OIT has said that it will not support these computers any longer. Since almost every student will take Composition, this is clearly a request not limited to LAE but for the entire system.

2. Capital Request from Geography $32,750
   --a request for software and equipment that will be used by Biology, Criminal Justice, and Geography students, it is a truly university-wide request

3. Lab Mod Request from School of Ed $25,000
   --the request will help create additional teaching space that is flexible and intimate; in addition, the School of Ed will provide half of the costs ($25,000) from one of its Foundation accounts so that the amount requested is $25,000. This is a request that will create new classroom spaces available to the entire University.

4. Capital Request from Health and Human Performance $50,100
   --the request is for equipment that could be shared with biology and health services majors in addition to HHP majors; there is also a good possibility that the equipment will provide a revenue stream through offering imaging services to the general public.

5. Lab mod request from PVA $45,000
   --This request is for Doudna 176, in which a wide variety of music theory classes are taught; it is a room used by majors and non-majors and truly is a university-wide upgrade.

6. Capital requests from Scenery and Costume $18,000
   --the request for equipment must be funded to ensure the safety of our students participating in theater activities; this is a university-wide issue, given the large number of non-theater and non-music majors starring in productions.
7. Capital request from Criminal Justice $6000
   --the request is for equipment that will be used by large numbers of
   Criminal Justice majors, the third largest major on campus (roughly 700 majors on
   campus).

8. Lab mod request from PVA $16,000
   --This request is for Doudna 174, which is used to teach both majors and
   gen ed students. The audio technology is 40 years out of date!

9. Capital request from PVA $11,000
   --This request is for musical equipment (bassoons). SUFAC used to fund
   such purchases but stopped that practice last year. The Music program has had no funds
   to replace worn musical equipment as a result.

10. Capital request from PVA $55,000
    --This request is for musical equipment (timpani). SUFAC used to fund
    such purchases but stopped that practice last year. The Music program has had no funds
    to replace worn musical equipment as a result.
<table>
<thead>
<tr>
<th>Priority</th>
<th>DEPT</th>
<th>ITEM</th>
<th>COST</th>
<th>TOTAL APPRVD</th>
<th>JUSTIFICATION (brief description of what item will be used for and include how item ties to one or more of the strategic priorities)</th>
<th>Intended Outcome</th>
<th>Assessment Plan to assess if Outcome has been achieved (Complete for Total Cost &gt;$5,000)</th>
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<tbody>
<tr>
<td>1</td>
<td>UWP</td>
<td>50 desktop computers for Karmann rooms B12 &amp; B14 dedicated to the teaching of First-Year Composition</td>
<td>$50,000.00</td>
<td>$50,000.00</td>
<td>Almost every single UW Platteville student takes ENG 104 &amp; 1230—it is not limited to a specific major or college but rather is a University requirement across traditional boundaries of budget and authority. It has informed Academic Affairs that it will no longer support the computers housed in Karmann B07 and B11. As a result, LAE must unexpectedly make a Lab Mod request for computer replacement. We ask that this be understood a University-wide request rather than one accruing simply to LAE, as there are a number of other Lab Mod/Capital requests from departments that we deem to be crucial as well.</td>
<td>The equipment will be used to teach multiple sections of ENG 1130, 1230, and other ENG classes. Enrollment statistics for these classes has averaged over 1500 students per semester for the last two years. The computers will get heavy use. Usage statistics will be compiled every semester to ensure that the machines are being used.</td>
<td>yes; yes; no</td>
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<td>2</td>
<td>Geography</td>
<td>50 Boom-arm microscopes and light sources for the physical geography laboratory</td>
<td>$32,750.00</td>
<td>$82,750.00</td>
<td>The request will help create additional teaching space that is flexible and intimate; in addition, the School of Ed will provide half of the costs ($25,000) from one of its Foundation accounts so that the amount requested is $25,000. This is a request that will create new classrooms spaces available to the entire University.</td>
<td>See justification</td>
<td>yes; yes</td>
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<td>3</td>
<td>School of Education</td>
<td>20-seat lab created out of part of the existing Doudna 104 Computer Lab.</td>
<td>$25,000.00</td>
<td>$107,750.00</td>
<td>The proposed purchase for the software update will allow us to upgrade our current and advanced GIS resources to provide students with knowledge and hands-on experience with broader applications of GIS. Dr. Lynnette Dornak is a new hire and her ambitious goals for the GIS program at UW-Platteville will be advanced through the acquisition of this software in ways that will benefit the development of a GIS certificate program and is directly related to the newly defined vision of the Department of Geography to become the center for GIS education at UW-Platteville.</td>
<td>See justification</td>
<td>yes; yes; no</td>
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Provide and Outstanding Education - The densitometer will be used for bone densitometry and body composition analysis. This machine will provide a high-impact practice for students in the level I and II internships, Fitness Evaluation, Fitness Programming and Prescription, and Physiology of Exercise. Purchase of this densitometer will also increase our undergraduate research production as using a densitometer to analyze bone density and body composition has become the standard protocol for assessing the effectiveness of diets and exercise programs.

Foster a Community of Achievement and Respect - The densitometer will also allow for collaboration with other University departments and area schools.

Control Our Own Destiny - An opportunity for entrepreneurship will be provided by this densitometer, as the benefits of this technology will be offered to the public for a fee. The densitometer will function as it is intended.

Outcome 1 - Students will be able to perform a densitometry and body composition scan, giving them clinical experience relevant to their field.

Outcome 2 - Undergraduate researchers will use the densitometer for subject analysis of bone density and body composition.

Outcome 3 - UW-Platteville will receive increased recognition as members of the public from within the city of Platteville and surrounding areas will be able to come and be tested for bone density and body composition. The outcome will be assessed by running the densitometer.

Track Use Training - Students must perform a body scan and provide analysis to show they understand how to run a densitometer and use the information to better train and provide education to clients.

Track Incidence of UG Research Proposals and Publishing - Undergraduate researchers will publish their studies in The Big M and present their research at UW-Platteville along with regional and national meetings. Students will publish their research in peer-reviewed journals.

Tracking Use with External Entities - The impact of the densitometer on the general public will be monitored by a designated person who will manage incoming money and document all densitometry and body composition scans.

No, this item does not involve any technology needing review by ITS.

Yes, we needed to have our electrical needs assessed. This item has been reviewed by physical plant infrastructure.

This request is for Doudna 176, in which a wide variety of music theory classes are taught; it is a room used by majors and non-majors and truly is a university-wide upgrade.

Students will have enhanced learning experiences both in general education courses as well as specialized majors courses.

Assessment of student learning outcomes as outlined by specific course syllabi; enrollment numbers will be compiled including numbers of majors and non-majors.

This request for equipment must be funded to ensure the safety of our students participating in theater activities; this is a university-wide issue, given the large number of non-theater and non-music majors starring in productions.

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Assessment of student learning outcomes as outlined by specific course syllabi; enrollment numbers will be compiled including numbers of majors and non-majors.

The Forensic Investigation (FI) Program is not complete without a ball comparison microscope. The FI laboratory currently has two comparison microscopes, but both are for trace evidence comparisons and not bullet comparisons. The United States is the scene of approximately 12,000 homicide victims each year. About 70 percent of those homicides are committed by firearms. The FI Program would use the microscope to teach students the theory and practical application of bullet comparison, a vital aspect of any homicide or other crime involving the discharge of a firearm. The microscope can be used to compare bullets, bullet cartridges, casings, and when not used for those items it can also be used to compare other items such as hair, fibers, paint fragments, etc.

Assessment will be tied to SLOs outlined in specific syllabi and enrollments.
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<th>PVA</th>
<th>Description</th>
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<th>Cost 2</th>
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<tr>
<td>8</td>
<td>PVA</td>
<td>Doudna 174 is used for so many core Music Program classes that most students majoring or minoring in music at UW-Platteville can expect to have one or more courses in this space during each semester of their undergraduate studies. This classroom is also used by many different Music Program faculty, and this smart teacher workstation would allow for these individual instructors to streamline their transition both into and out of this shared classroom (this will be especially beneficial to faculty who are currently setting up portable equipment before each class and then removing all of that equipment at the end of each class, which forfeits valuable class time in order to facilitate transitions). In addition to these basic benefits to both the students and staff, this smart teacher workstation and additional equipment will allow for staff to provide many new and incredibly valuable resources to our music students (such as presenting fine exam piles of musical performance and repertoire, visualizing musical scores, and access to music software for spontaneous in-class notation and playback). Students will have enhanced learning experiences both in general education courses as well as specialized majors courses. Assessment of student learning outcomes as outlined by specific course syllabi; enrollment numbers will be compiled including numbers of majors and non-majors.</td>
<td>$16,000.00</td>
<td>$242,850.00</td>
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Currently, the studio is 6-7 members strong and is thus in need of more instruments. At present the studio is only able to accommodate all interested students with the available instruments because two of our members own and use their personal bassoons. Considering that the bassoon is an instrument traditionally provided by the academic institution, we cannot assume that future students will be able to be responsible for furnishing their own instruments. Therefore, this shortage of instruments has a potential immediate impact on our ability to welcome any future students for the 2015-2016 academic year, and certainly beyond. It also impacts the Department's recruiting efforts in outreach activities such as tours, the Tri-State Honor Band, and the new general education ensemble participation option. While there were significant instrumental purchases in the previous academic year, no resources were allocated toward the purchase of new bassoons. This request is based in the rationale that the immediate needs of other studios have now been addressed and the bassoon studio has experienced the most significant recent growth in the program. Assessment will be tied to usage statistics, increase in size in bassoon studio, and enrollment statistics. |
| 9 | PVA | Bassoons | $11,000.00 | $253,850.00 | See justification |

Assessment will be tied to usage statistics, increase in size in bassoon studio, and enrollment statistics. See justification.
The current set of timpani at the university is over thirty years old and is literally falling apart. This instrument is unable to maintain pitch, contains corroded components that impede operation, and university that offers degrees with a music emphasis ought to own a high quality instrument that is similar to what professional orchestras are currently using. This instrument would not only service the percussion area, but students in all of the major instrumental ensembles (bands, orchestra, and choir) needs constant maintenance throughout each semester in order to work at a subpar level. A university that offers degrees with a music emphasis ought to own a high quality instrument that is similar to what professional orchestras are currently using. This instrument would not only service the percussion area, but students in all of the major instrumental ensembles (bands, orchestra, and choir) need to work at a subpar level. 

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<tr>
<td>10</td>
<td>PVA Timpani</td>
<td>$55,000.00</td>
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<td>11</td>
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<td>$308,850.00</td>
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Assessment will include usage statistics, numbers of performances using timpani, size of audience for those performances, and recruitment of new students interested in percussion and timpani more specifically.