Educational Policies Committee Program Proposal, College of Agriculture and Applied Sciences, December 9, 2010

Utah State University

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# AGENDA

## 9:00 a.m. - 12:00 noon

**COMMITTEE OF THE WHOLE**  
*Regents’ Board Room (Lobby Level)*

1. Welcome and Overview of the Agenda
2. Report of the Commissioner
   Tab A
4. Institutional Technology Reports  
   Tab B

## 12:15 p.m. - 1:30 p.m.

**LUNCH AND MEETINGS OF BOARD COMMITTEES**  
*(Please get your lunch outside the Regents’ Board Room and take it to your committee meeting)*

### PROGRAMMING / PLANNING COMMITTEE

**Regent John H. Zenger, Chair**  
*Commissioner’s Board Room, 5th Floor*

**ACTION:**

1. Utah Valley University - Bachelor of Science Degree in Geomatics  
   Tab C
2. Utah Valley University - Baccalaureate of Social Work (BSW) Degree  
   Tab D
3. Utah State University - Partnership with Washington State University for Veterinary Medicine DVM Degree  
   Tab E

### FINANCE / FACILITIES COMMITTEE

**Regent Nolan E. Karras, Chair**  
*Regents’ Board Room, Lobby Level*

**ACTION:**

1. USU - Brigham City Land Acquisition  
   Tab F
2. SUU - Office Space Lease (ADB Bank Property)  
   Tab G
3. UU - University Neighborhood Partners Group Property Purchase  
   Tab H
4. SLCC - South City Campus Property Purchase  
   Tab I
5. UVU - Peer Institution List  
   Tab J
6. UHEAA - Approving Resolution, SBR Student Loan Revenue Bonds  
   Tab K

**CONSENT:**

7. 2011 Legislative Bonding Authorizations  
   Tab L
8. Operations & Maintenance Funding Request Clarification  
   Tab M
### REGULAR BUSINESS MEETING OF THE BOARD

**Regents’ Board Room (Lobby Level)**

1. Legislative Priorities Tab N
2. Reports of Board Committees
3. General Consent Calendar Tab O
4. Report of the Chair
5. Other
6. Next Meeting - Friday, January 21, 2010 - SLCC Redwood Campus

### EXECUTIVE SESSION MEETING OF THE BOARD OF REGENTS

**Executive Conference Room, 4th Floor**

Projected times for the various meetings are estimates only. The Board Chair retains the right to take action at any time. In compliance with the Americans with Disabilities Act, individuals needing special accommodations (including auxiliary communicative aids and services) during this meeting should notify ADA Coordinator, 60 South 400 West, Salt Lake City, UT 84180 (801-321-7124), at least three working days prior to the meeting. TDD # 801-321-7130.
MEMORANDUM

December 1, 2010

TO: State Board of Regents

FROM: William A. Sederburg

SUBJECT: Utah State University – Doctor of Veterinary Medicine in Partnership with Washington State University – Action Item

Issue

Utah State University (USU) requests approval to offer, in partnership with Washington State University (WSU) College of Veterinary Medicine, a Doctor of Veterinary Medicine (DVM) degree, effective Summer Semester, 2012. The first two years of the program will be taught at USU, with the remaining two years completed at Washington State University, where WSU will confer the DVM to successful graduates. This partnership program was approved by the Utah State University Board of Trustees on October 22, 2010. The Regents’ Program Review Committee reviewed and recommended support for the proposal on November 15, 2010, and is forwarding it to the full board for consideration.

Background

Utah State University (USU), College of Agriculture, Department of Animal, Dairy, and Veterinary Sciences (ADVS), in cooperation with the College of Veterinary Medicine (CVM), Washington State University (WSU), Pullman, WA, propose to offer a veterinary medical education program leading to the degree of Doctor of Veterinary Medicine (DVM). Years one and two will be taught at USU in Logan and years three and four will completed at WSU. (See appendix E for draft memorandum of understanding with CVM-WSU.) The program is officially referred to as the "Washington-Utah Cooperative Veterinary Education Program" (WU 2+2 Program). This will be similar to the recently started Nebraska-Iowa cooperative veterinary program, and the program that WSU had with Oregon State University from 1979 to 2005. The proposed WU 2+2 Program will create the first professional veterinary medicine educational program in Utah.

Studies reviewed and cited indicate an increased market demand for veterinarians in the near future. The Utah Department of Workforce Services projects a demand of 30 veterinarians per year (20 in the metro area) from 2006-2016.

At the present time, Utah participates in the Western Interstate Commission for Higher Education (WICHE) for veterinary medical education. The legislature appropriates dollars to WICHE programs each year and is presently providing, through WICHE, financial support for approximately 20 veterinary students (on
average five students each for years one through four of veterinary school), and 10 students at-large over the four years.

No colleges of veterinary medicine exist in the Intermountain area. The closest veterinary schools to Utah are Colorado State University (Fort Collins, CO), Oregon State University (Corvallis, OR), Washington State University (Pullman, WA) and the University of California at Davis (Davis, CA).

Policy Issues

This proposal was posted for review by CAOs with either no comment or support received from the institutions. Faculty advisors for pre-vet students at one public institution and one private Utah institution provided detailed feedback on the proposal. No other Utah institution has a DVM program, although many offer pre-veterinary medicine advising. Students can access a limited number of funded or partially funded slots in out-of-state institutions through the WICHE.

The Office of the Commissioner and the Board of Regents also received a substantial amount of input (unsolicited) on this proposal from students and potential students, parents of students, practicing veterinarians, faculty, college/university deans, WICHE staff, and others. USU’s proposal includes support letters from a variety of sources, including the Utah Association of Veterinary Medicine (UAVMA), the Farm Bureau, and others. Input submitted from all sources was provided in the original and summarized form and was carefully considered by staff and the Program Review Committee members.

Review of the proposal, according to criteria contained in Regents’ Policy R401, reveals the proposed program is consistent with the role and mission of Utah State University as the state’s land grant institution. USU has provided a detailed plan for achieving a quality program that builds upon an existing strong faculty and will, with sufficient appropriated funding, increase access to a DVM degree for more Utah students wishing to pursue a career as a veterinarian. Workforce demand data are mixed, depending upon the source. The Utah Department of Workforce Services, the state agency responsible for workforce projections, currently projects Utah’s annual need from 2006-2016 at 30 veterinarians/year (20 metro; 10 rural). Approximately 200 Utah students per year declare an interest in pursuing a veterinary medicine degree, but program applications for the limited number of slots through WICHE were at approximately 30 last year. The number of Utah students submitting application to out-of-state institutions (not through WICHE) cannot be ascertained.

This program cannot be launched and admit students without additional appropriated funding: $1.7M base support for program operation – needed for Years one and two; $1.3M base funding needed to pay the differential between USU in-state and WSU out-of-state tuition – needed for Years three and four; $450,000 one-time funding for renovation of the animal anatomy lab. The request for funds is contained in the Regent-approved Higher Education 2011-12 Budget Request under USU’s Economic Development Funding (Mission-Based Funding).

Commissioner’s Recommendation

The Commissioner recommends the Regents approve the Utah State University request to offer the first two years of a Doctor of Veterinary Medicine in partnership with Washington State University, contingent upon sufficient funding from the Legislature, and:
a) that before implementing the program, the following tax funds identified in the proposal be appropriated by the Legislature:
   1. $1.7 million in base funding for program costs (beginning years one and two)
   2. A commitment of $1.3 million in base funding for out-of-state tuition differential (phased in years 3 & 4)
   3. $450,000 in one-time costs for renovation of existing animal anatomy lab

b) that the Regents recognize this request reaffirms the priorities of the Higher Education 2011-12 Budget Request approved by the Board of Regents on August 27, 2010, and clarify the funding request for this program is contained within USU’s Economic Development Funding (Mission Based Funding) as contained therein.

William A. Sederburg, Commissioner

WAS/GW
Attachment
Academic, Career and Technical Education and Student Success Committee  
Program Review Subcommittee  
Action Item  

Washington State University/Utah State University  
Partnership Doctor of Veterinary Medicine  

Utah State University  

Prepared for  
William A. Sederburg  
By  
Gary Wixom  

December 1, 2010
SECTION I: The Request

Utah State University requests approval to offer, in partnership with Washington State University College of Veterinary Medicine, a Doctor of Veterinary Medicine degree effective Summer Semester 2012. This proposal was approved by the Utah State University Board of Trustees on October 22, 2010.

Complete Program Description
Utah State University (USU), College of Agriculture, Department of Animal, Dairy, and Veterinary Sciences (ADVS) in cooperation with the College of Veterinary Medicine (CVM), Washington State University (WSU), Pullman, propose to offer a veterinary medical education program leading to the degree of Doctor of Veterinary Medicine (DVM). Years 1 and 2 will be taught at USU, Logan, and years 3 and 4 will be completed at WSU (see appendix E for draft memorandum of understanding with CVM-WSU). The program is officially referred to as the "Washington-Utah Cooperative Veterinary Education Program” (WU 2+2 Program). This will be similar to the recently started Nebraska-Iowa cooperative veterinary program, and the program that WSU had with Oregon State University from 1979 to 2005. The proposed WU 2+2 Program will create the first professional veterinary medicine education program in Utah.

Purpose of Degree
Utah, the Intermountain West and the nation currently have, and are predicted to continue to have, a shortage of veterinarians, especially veterinarians that emphasize food animal medicine (Utah Department of Workforce Services Occupational Projections 2008-2018, Brown and Silverman, 1999). In Utah, several counties lack veterinarians that practice food animal medicine (Rood 2008). In these counties, livestock owners ineffectively attempt to manage health-related challenges long distance. Moreover, absence of veterinary services increases the probability that a serious contagious disease will go unrecognized and spread, threatening Utah’s and the region’s food supply. Utah’s citizenry are unable currently to respond effectively to the increased demand for veterinarians because the rising generation has limited access to veterinary medical education.

As noted in detail below, Utah students have 2.5 times less access to seats in colleges of veterinary medicine than Idaho students, and 6 times less than those in Kansas. Simply put: Utah students cannot acquire the education necessary to fill the demand – and this in a state with a large animal agricultural base. The above needs are very real and can be met by the creation of the Washington – Utah Cooperative Veterinary Education Program. The proposed professional educational program will provide the needed veterinary medical educational opportunities for Utah’s pre-veterinary students and will provide its citizens quality veterinary professional services.

Institutional Readiness
Much of what is needed to administer and operate the WU 2+2 Program is already in place in ADVS and at USU. In 2009, a steering committee composed of seven USU-ADVS and 5 WSU faculty members was created and charged to determine whether a joint veterinary program was feasible, and was in the best interests of USU, the state of Utah and WSU. If so, committee members were to determine what infrastructure (e.g., faculty and facilities) would be required to deliver the joint program. The committee determined that 14 on-campus faculty members would be needed at USU to teach courses required for years 1 and 2, and that 10 of these faculty members are employed already in ADVS. All 10 ADVS faculty members have the requisite degrees (DVM, DVM/PhD, and PhD degrees) and board specialty certifications to teach the required courses: each of these 10 would have a significant portion of their effort re-directed toward this
new program, and their present efforts would be replaced by other new faculty hired with the funds freed up by the faculty effort realignment. Four new faculty members will be hired to teach classes in areas where current expertise is lacking. The committee determined, with few exceptions, that required teaching facilities are in place already. A critical deficiency is an anatomy laboratory with a capacity to maintain sheep, goat, and pony cadavers for dissection. Plans are in place to remodel an existing anatomy laboratory at USU to correct this deficiency. With this exception, adequate teaching stations/class rooms are available at the Veterinary Science Building and at the Matthew Hillyard Teaching and Research Center. A current ADVS faculty member will be appointed as a coordinator to oversee administration of the USU component of the program and serve on an oversight committee at WSU. This position will require a 50% time allotment to manage and coordinate the USU part of the 4-year veterinary program. Time allocations of ADVS faculty will be adjusted to meet the demands for teaching WU 2+2 Program courses. The Committee does not foresee the WU 2+2 Program having a significant impact on the ADVS undergraduate BS degree program. If anything, the WU 2+2 Program will provide additional hands-on and research opportunities for undergraduate students. All courses taught in the WU 2+2 Program are at the graduate level and will enrich course opportunities for graduate students pursuing MS and PhD degrees, particularly in the biological sciences. The Utah Veterinary Medical Association, the Rural Utah Caucus, the Utah Farm Bureau, the Utah Cattleman's Association, and the Utah Department of Agriculture and Food have endorsed the WU 2+2 Program.

Faculty
Fourteen courses will be taught in year 1 and 13 in year two. The teaching load will require 14 on-campus ADVS faculty members (10 in place already; 4 new hires). Three of the ten ADVS faculty members in place have major research assignments and are non-tenured. The other seven are tenured or on tenure-track. The four new faculty members will be on tenure-track once hired. Two courses will be distance-learning classes originating from WSU and taught by WSU faculty members. Part-time faculty members with adjunct appointments will teach anesthesiology and dermatology, and radiology. Whenever possible, adjunct appointments will come from veterinarians practicing in Utah. The number of faculty members required for years 1 and 2 of the curriculum is not expected to change in the next five years. The joint faculty of WSU and USU will continually examine and assess curriculum, and minor changes are likely – but major curricular revision is not.

Staff
A full-time administrative assistant will be hired to assist the program coordinator and WU 2+2 Program faculty. The administrative assistant will help with admissions, student registration, answering telephone and written enquiries, scheduling classes and other activities, recording student grades, and preparing faculty committee reports. Laboratory support staff will be hired to help prepare samples for the anatomy, physiology, bacteriology, surgery and anesthesiology laboratories. Graduate student teaching assistants will be assigned to help with microscopic anatomy, bacteriology and other courses. A resident hired by the Utah Veterinary Diagnostic Laboratory will assist with the pathology courses.

Library and Information Resources
USU has Science Direct Agricultural and Biological back-files and the Elsevier Freedom Collection, which is actually more complete than the WSU/UW package. USU does not have the Veterinary Clinics of North America (VCNA). USU has a fairly good electronic version of recent holdings (post-1995), but the print collection is spotty in the clinical journals (See Appendix F for the basic list of Veterinary Journals for Academic Libraries). The VCNA's, the Compendium, and equine journals are lacking in both print and electronic formats. However, interlibrary loan (RAPID and Illiad) could provide a fast and efficient method to acquire scanned copies of articles from print and e-journals. E-books are just now coming online and will need to be a consideration at future time. If the Greater Western Library Alliance (GWLA) gets involved in e-books, then this would help to rectify possible deficiencies at USU. USU will have an agreement with WSU.
that USU students will have online access to any library deficiencies that would place them at handicap with WSU veterinary students. Furthermore, a resource collection of current veterinary textbooks will be purchased and placed on reserve in the Merrill-Cazier Library.

Admission Requirements
Typically, a minimum of three years of undergraduate education is completed prior to entry into a professional DVM education program, and most students complete a bachelor degree. Applicants will need to complete the prerequisite courses required for admission to the College of Veterinary Medicine at WSU. Prerequisite requirements currently include: biology with laboratory (8 credits); inorganic chemistry (8 credits); organic chemistry (4 credits); genetics (4 credits); biochemistry (3 credits); physics with laboratory (4 credits); statistics (3 credits); math (pre-calculus or higher; 3 credits); English composition (3 credits); arts, humanities and social science electives (9 credits); communication (written and verbal; 3 credits); and world civilization or intercultural studies (12 credits). Applicants are also encouraged to take additional upper division science courses such as anatomy, physiology, embryology, microbiology, immunology, cell biology, animal reproduction, or nutrition.

Student Advisement
Veterinary education is extremely demanding and can be very stressful. Students will be assigned to support groups consisting of six students and one faculty member. Support groups will meet 2-3 times per semester over lunch to discuss matters of mutual concern. In addition, the faculty member will serve as the faculty advisor for the students in his or her support group. It is fairly common for veterinary students to need professional counseling to help them deal with academic or personal problems. Professional counseling on the USU campus will be provided by the center for Counseling and Psychological Services. The WSU College of Veterinary Medicine has its own Counseling and Wellness Services, which will be available to students while they are at WSU. The WU 2+2 Program Director will consult with the WSU Counseling and Wellness Services staff and the Associate Dean for Academic and Student Affairs when situations arise where their input would be helpful. In special situations, it may be possible for USU Veterinary Students to consult with a WSU Counseling and Wellness Services psychologist using video conferencing. The WSU College of Veterinary Medicine has established a Student Progress Committee that reviews academic deficiencies and recommends a remediation plan or dismissal from the program. Academic deficiencies of students in the WU 2+2 Program will be reviewed by this Student Progress Committee, which will include members from the USU faculty, to determine an appropriate course of action.

Justification for Graduation Standards and Number of Credits
The WU 2+2 Program will be a joint program between the ADVS Department at USU and the College of Veterinary Medicine at WSU. Consequently, graduation standards and course requirements for students that attend USU for the first two years of their veterinary medical education will be identical to the requirements for students who spend all four years at WSU. Standards for veterinary medical education programs are evaluated and approved by the American Veterinary Medical Association (AVMA) Council on Education (COE), which establishes the accreditation standards for veterinary colleges and schools and reviews their accreditation status through self study and a site visit every 7 years (for more information see http://www.avma.org/education/cvea/coe_devel_standards.asp).

External Review and Accreditation
The plan for the WU 2+2 Program was developed by a joint USU-ADVS/WSU-CVM steering committee. This committee did a comprehensive feasibility study and developed recommendations for what would be needed to implement the program. The AVMA Council on Education accredits colleges and schools of veterinary medicine. The CVM at WSU is fully accredited by the AVMA and accreditation of the WU 2+2 Program will be part of WSU's AVMA accreditation. Accreditation of the WU 2+2 Program will be sought as soon as the Utah
State Legislature approves funding for the program. It is expected that accreditation will be in place before students start in the program.

Projected Enrollment

<table>
<thead>
<tr>
<th>Year</th>
<th>Student Headcount</th>
<th># of Faculty</th>
<th>Student-to-Faculty Ratio</th>
<th>Accreditation Req’d Ratio</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>30</td>
<td>9</td>
<td>3.33.1</td>
<td>None required</td>
</tr>
<tr>
<td>2</td>
<td>60</td>
<td>9</td>
<td>6.67.1</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>60</td>
<td>9</td>
<td>6.67.1</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>60</td>
<td>9</td>
<td>6.67.1</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>60</td>
<td>9</td>
<td>6.67.1</td>
<td></td>
</tr>
</tbody>
</table>

Expansion of Existing Program
The USU part of the WU 2+2 Program is a new program on the USU Logan campus.

Section III: Program Need

Program Need
Utah, the Intermountain West and the nation currently have, and are predicted to continue to have, a shortage of veterinarians, especially veterinarians that emphasize food animal medicine (Utah Department of Workforce Services Occupational Projections 2008-2018, Brown and Silverman, 1999). In Utah, several counties lack veterinarians that practice food animal medicine (Rood 2008). In these counties, livestock owners ineffectively attempt to manage health-related challenges long distance. Moreover, absence of veterinary services increases the probability that a serious contagious disease will go unrecognized and spread, threatening Utah’s and the region’s food supply. Utah’s citizenry are unable currently to respond effectively to the increased demand for veterinarians because the rising generation has limited access to veterinary medical education.

As noted in detail below, Utah students have 2.5 times less access to seats in colleges of veterinary medicine than Idaho students, and 6 times less than those in Kansas. Simply put, Utah students cannot acquire the education necessary to fill the demand – and this in a state with a large animal agricultural base. The above needs are very real and can be met by the creation of the Washington – Utah Cooperative Veterinary Education Program. The proposed professional educational program will provide the needed veterinary medical educational opportunities for Utah’s pre-veterinary students and will provide its citizens quality veterinary professional services.

Labor Market Demand
An estimate for the number of veterinarians needed specifically for the state of Utah can be obtained by a number of different means:

1) An estimate that Utah requires 25 new veterinarians per year can be obtained through the following calculations: a) using a 40-year practice career for the 600 veterinarians (Utah Division of Occupational Licensing; DOPL) currently practicing in Utah would require 15 new veterinarians per year to replace retirements and b) there is approximately one veterinarian for every 6,500 people in
Utah. Utah’s average population growth has been in the range of 65,000/year, which would require an additional 10 new veterinarians per year to keep pace with population growth. Thus, 25 veterinarians per year are needed in the state of Utah to account for retirements and population growth.

2) An estimate that a class size of 20 is appropriate can be obtained by applying some additional context to the lower estimate of the need for 12 new Utah veterinarians per year that others have suggested (for example, the material submitted to the PRC by Virginia Bayer of UVU and attributed to a 2004 WICHE survey – her reference #20). This context includes: a) the return of graduates to the state of Utah is not likely to be higher than 75% (the rate observed for WICHE states with payback agreements); b) increasing part-time practice requires increased headcount to supply the state’s FTE need; c) there are many non-traditional-practice needs for veterinarians to support food safety and other public health issues, prevent or respond to foreign animal diseases, serve regulatory agencies such as the FDA, CDC, Department of Homeland Security, and USDA, to support private and municipal shelter operations, to conduct or support research in industry and academia, and serve zoos and wildlife agencies, among others. Applying a 75% return rate, and adjusting for data from the AVMA that indicate that approximately 20% of veterinarians serve non-private practice roles, yields an estimate of a class size of 20 required to yield the suggested need of 12 FTE veterinarians per year for Utah. This calculation does not consider additional factors such as part-time practice, and those who will leave the profession.

3) An estimate that Utah requires 33 new veterinarians per year can be obtained by applying the U.S. Bureau of Labor Statistics projections for veterinary employment. Their 2010-2011 Occupational Outlook Handbook projects an increase need for veterinarians of 33% by 2018. With 600 veterinarians currently in the state of Utah (DOPL), if Utah’s workforce grows at the national average (which is a conservative assumption given that it leads the nation in population growth), and assuming a 75% graduate return rate, an enrollment of 33 veterinary students per year would be required to meet Utah’s needs over that time frame.

4) Finally, Utah lags other states in the region with regard to providing student access to professional veterinary education. The data below indicate that Utah has provided, or will provide, the following levels of access (seats per 100,000 population):

<table>
<thead>
<tr>
<th>Year</th>
<th>Access Level</th>
<th>Population Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>1991</td>
<td>0.56</td>
<td>(10 WICHE students per 1.775 million population)</td>
</tr>
<tr>
<td>2009</td>
<td>0.14</td>
<td>(4 WICHE students per 2.785 million)</td>
</tr>
<tr>
<td>2010</td>
<td>0.22</td>
<td>(6 WICHE students per 2.855 million (2.785 M + 2.5%/year growth))</td>
</tr>
</tbody>
</table>

With the proposed 2+2 program providing access to 20 students per year:

<table>
<thead>
<tr>
<th>Year</th>
<th>Access Level</th>
<th>Population Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>2012</td>
<td>0.67</td>
<td>(20 students per projected 3.0M population) – first admits to program</td>
</tr>
<tr>
<td>2016</td>
<td>0.60</td>
<td>(20 students per projected 3.31M population) – first graduates</td>
</tr>
</tbody>
</table>

When the first graduates hit the workforce in 2016, in a program that admits the first students in the Fall semester of 2012, the proposed plan returns Utah to about the level of access provided in 1991, which is on a par with Idaho (Idaho is the next lowest in providing veterinary education access in the region, after Utah), and is well below what other states typically provide.
Student Demand
In total across the eight public colleges and universities that compose the Utah System of Higher Education (USHE), approximately 200 students declare veterinary medicine as their educational goal each year (per personal communication, pre-veterinary advisors). Additional students from Utah’s private schools (primarily Westminster College and Brigham Young University) share this goal and add to the above number. However, due to the academic rigor of the pre-veterinary curriculum plus the limited number of seats for Utah students in colleges of veterinary medicine, in 2009 only 26 Utah students applied to veterinary school, while in 2010 only 31 applied (Greenhill 2010). For each of the past four years, seven to eight Utah students have been admitted to a college or school of veterinary medicine through the WICHE program. This means that of the more than 200 students that express interest in veterinary medical education annually, only about 4% realize their dream.

In terms of access to veterinary medical colleges or schools, how do Utah students compare to students from other western states? The table below provides data on access per 100,000 individuals (population) for six western and mid-western states that are comparable to Utah.

<table>
<thead>
<tr>
<th>State</th>
<th>DVM seats</th>
<th>Population (millions)*</th>
<th>Seats/100,000 population</th>
<th>Population growth (%/year)*</th>
</tr>
</thead>
<tbody>
<tr>
<td>Colorado</td>
<td>75</td>
<td>5.024</td>
<td>1.49</td>
<td>1.8</td>
</tr>
<tr>
<td>Idaho</td>
<td>11</td>
<td>1.527</td>
<td>0.72</td>
<td>1.2</td>
</tr>
<tr>
<td>Kansas</td>
<td>45</td>
<td>2.818</td>
<td>1.60</td>
<td>0.8</td>
</tr>
<tr>
<td>Nebraska</td>
<td>25</td>
<td>1.796</td>
<td>1.39</td>
<td>0.8</td>
</tr>
<tr>
<td>Oregon</td>
<td>36</td>
<td>3.825</td>
<td>0.94</td>
<td>1.1</td>
</tr>
<tr>
<td>Utah</td>
<td>7.5+</td>
<td>2.784</td>
<td>0.27</td>
<td>2.1</td>
</tr>
<tr>
<td>Washington</td>
<td>60</td>
<td>6.664</td>
<td>0.90</td>
<td>1.5</td>
</tr>
</tbody>
</table>

* US Census Bureau, accessed at: http://www.census.gov/
+ Average number of Utah students admitted over past 4 years

As is evident, Utah students have almost three times less access to a veterinary school per 100,000 individuals than the next lowest access state, Idaho. Utah students have five times less access than students in Colorado and six times less than Kansas, a state with a comparable population. Yet, Utah’s population growth is 1.75 times that of Idaho’s and 2.6 times that of Kansas. No wonder 50% of Utah’s veterinarians would hire an associate veterinarian if one were available (Rood 2008).

Similar Programs
No colleges of veterinary medicine exist in the state of Utah. The closest veterinary schools to Utah are Colorado State University (Fort Collins, CO), Oregon State University (Corvallis, OR), Washington State University (Pullman, WA) and the University of California at Davis (Davis, CA). The WU 2+2 Program will differ from traditional colleges of veterinary medicine in that the first two years of the curriculum will be taught at Utah State University in Logan, UT, while the remaining two years will be taught at CVM-WSU.

Collaboration with and Impact on Other USHE Institutions
All USHE institutions offer pre-veterinary advising for students pursuing a bachelor’s degree in anticipation of application to professional veterinary school. Therefore, all USHE institutions (and private colleges and universities in Utah) will benefit from increased student access to a school of veterinary medicine. This is because the number of available seats will increase to a minimum of twenty. Each applicant, regardless of USHE institution attended, will be considered for admission using the defined criteria, and will be evaluated
by a Utah-based admission committee working under the direction of the Director of Admission of the College of Veterinary Medicine at WSU (similar to the way Idaho residents are admitted to WSU’s program). Thus, there won’t be an advantage for students to do their undergraduate work at any one institution of higher education within the state. WSU’s College of Veterinary Medicine already has a strong network of communication with pre-veterinary advisors in Utah and this will only be enhanced by the outreach planned for the WU 2+2 Program. Requirements for admission to the veterinary medical program will be distributed to all USHE and private higher educational institutions in Utah, and WU 2+2 Program faculty will work with pre-vet advisors, so that students at each institution can successfully complete undergraduate requirements and compete for admission.

The Chair of the USU Admissions Committee will make at least an annual visit to each of the USHE and private campuses that offer pre-veterinary programs prior to the application cycle and will interact with pre-veterinary students to answer questions and provide information regarding admission. These visits will also provide an opportunity for face-to-face interaction with the campus pre-veterinary advisor to receive feedback regarding concerns or emerging problems regarding admission, recruitment of local students, or other concerns/suggestions regarding access to the veterinary program.

The USU Veterinary School program coordinator will work closely with pre-veterinary advisors to articulate first year Veterinary School coursework, which will provide an opportunity for undergraduate students to fulfill fourth-year requirements for completion of the Baccalaureate degree. This would allow students from Utah system campuses, if admitted to Veterinary School after their third year, but prior to Baccalaureate degree completion, an opportunity to enter Veterinary School at USU and apply their first year of veterinary coursework toward Baccalaureate degree completion at the original undergraduate degree institution. This would allow students to reduce the amount of time that it would take from being awarded a Baccalaureate to Doctor of Veterinary Medicine degree by one year.

Benefits
Colleges of veterinary medicine are often a strength of land grant universities (as is true for UC Davis, Colorado State, and Washington State). This is because of the necessary training of their faculty members in the biomedical and agricultural animal sciences combined with the high degree of commitment demonstrated by the students. Teaching, research and extension programs are strengthened by the influx of faculty members, many of whom hold dual degrees (DVM, PhD) and are board certified in their areas of specialty. In addition to the professional program, graduate education is enhanced, as veterinary college faculty members are expected to have active research programs and be at the forefront of scientific discovery.

Consistency with Institutional Mission
As the land grant institution in Utah, and building on a strong ADVS Department, USU is uniquely positioned to house a veterinary medical education program within its existing College of Agriculture. Modifications to infrastructure are minimal and existing faculty members stand ready to further USU’s contributions to the state in teaching, research and extension. USU looks forward to providing increased access for Utah residents to the veterinary profession in a very cost-effective manner.

References for this section:


Greenhill, L. Associate Executive Director for Institutional Research and Diversity, Association of American Veterinary Medical Colleges, Washington DC; Personal communication.

Section IV: Program and Student Assessment

Program Assessment
The goal of the WU 2+2 Program is to train knowledgeable, proficient and effective Doctors of Veterinary Medicine. Assessment of the WU 2+2 Program will include: evaluation of student performance on the WSU clinical competency exam, tracking of student performance on the National Board Examination, tracking of internship offers to WU 2+2 Program students, exit interviews with students completing the program, and practitioner questionnaires that enquire about the competence of recent graduates.

Expected Standards of Performance
Acceptable levels of knowledge and proficiency will be determined by faculty members and demonstrated by students via satisfactory completion of a variety of evaluative tools, including required exercises, examinations and proficiency assessments. Students will be graded using a satisfactory, marginal pass, fail grading system. A student who earns a failing grade in a core or supplemental core course will be dismissed from the WU 2+2 Program. Students who have been dismissed from the program must petition the student progress committee if they wish to be considered for reinstatement. Students who, during the first three years of the veterinary curriculum, accumulate more than 5 semester credits with a grade of "marginal pass" must petition the student progress committee to progress in the curriculum. Students must pass a clinical proficiency examination to graduate from the program. Students who fail the clinical proficiency exam three times will be considered academically deficient and must petition the student progress committee to progress in the curriculum.

Section V: Finance

Budget
Utah State University is confident in the budget projections that have been included in the proposal. While these projections are lower than what has been projected by other universities in other states, these figures are robust and reflect a number of considerations:
1) Capital investments in the College of Agriculture at Utah State University have resulted in several recently constructed facilities that already provide space of sufficient amount and quality necessary to implement this program.

2) As indicated in the budget, $450,000 in one-time startup monies are needed to renovate space for gross anatomy, and some technology enhancements.

3) The operating budget request for faculty and staff is sufficient to round out the existing faculty, who are all highly-qualified and able to teach the majority of courses in the proposed degree.

4) The support fee requested for WSU is based on the current, well-validated, WICHE support fee. Because of the existing level of resources, Utah is better positioned than many other states to offer the Doctor of Veterinary Medicine degree at a reasonable cost.

<table>
<thead>
<tr>
<th>Tuition UT Res*</th>
<th>Year 1</th>
<th>Year 2</th>
<th>Year 3</th>
<th>Year 4</th>
<th>Year 5</th>
</tr>
</thead>
<tbody>
<tr>
<td>Student</td>
<td>18,100</td>
<td>19,367</td>
<td>20,722</td>
<td>22,173</td>
<td>23,725</td>
</tr>
<tr>
<td>Tuition/Year</td>
<td>362,000</td>
<td>774,680</td>
<td>828,908</td>
<td>886,931</td>
<td>949,016</td>
</tr>
<tr>
<td>Tuition Non-Res*</td>
<td>45,000</td>
<td>48,150</td>
<td>51,521</td>
<td>55,127</td>
<td>58,986</td>
</tr>
<tr>
<td>Student</td>
<td>450,000</td>
<td>963,000</td>
<td>1,030,420</td>
<td>1,102,540</td>
<td>1,179,720</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Total Tuition**</th>
<th>Year 1</th>
<th>Year 2</th>
<th>Year 3</th>
<th>Year 4</th>
<th>Year 5</th>
</tr>
</thead>
<tbody>
<tr>
<td>Student</td>
<td>812,000</td>
<td>1,737,680</td>
<td>1,859,328</td>
<td>1,989,471</td>
<td>2,128,736</td>
</tr>
</tbody>
</table>

* For planning purposes a tuition inflation rate of 7.0% per year was used. This is consistent with the tuition increases experienced at WSU for the past several years and will allow us to keep tuition costs equal at the two campuses (WSU & USU).

*Not included in this revenue information is the additional request to the legislature to provide sufficient funding ($1.3 million) to cover a differential fee in years 3 & 4 for Utah students attending WSU. The projected FY15 (2014-15) differential fee will be $31,499 per Utah resident student and will have an inflation rate of 2.0%. The differential fee is designed to allow Utah resident students to continue to pay resident tuition while attending WSU for years 3 & 4 of their veterinary education.

**Personnel Costs (Salary & Wages/Benefits):**
Requested funds in this category reflect the need to provide nine faculty FTE to teach a total of 25 veterinary professional courses and a single practicum course. The Animal, Dairy, and Veterinary Sciences (ADVS) department has ten existing faculty with appropriate expertise to teach in this new curriculum and part of their effort will be reallocated to the new Veterinary School curriculum. Any available funds resulting from these reallocations will be used to fund new faculty to cover existing ADVS curriculum. In some limited cases where similar graduate student level courses in the current curriculum are consistently low enrollment, the courses will be restructured to fit the new veterinary course curriculum. To establish salary needs for this new
curriculum, an average salary of $100,000 per FTE and the appropriate associated USU benefits rate was used. In addition to faculty, also included is an appropriate number of Graduate Teaching Assistantships (10 @ $20,000 per year), and teaching Technical Assistants (10 @ $35,000). Additional costs of approximately $110,000 per year for course budgets will also be required on an annual basis. The course cost estimates are based on actual expenditures recorded over the past several years in these courses at WSU.

**FTE Calculation:**
The proposed program anticipates a headcount enrollment of 30 students per year. To estimate the student FTE enrollment, an average annual student FTE for professional courses of 10 credit hours was used. This is consistent with one professional FTE at the Washington State University School of Veterinary Medicine (WSU), and with one graduate FTE at Utah State University. Each semester, one headcount veterinary student enrolls in an average of 22 credit hours, which results in 2.2 average annual FTE per headcount veterinary student. Therefore, a first year enrollment of 30 students, results in an annual FTE of 66. Using the total requested state appropriation of $1.7 million in ongoing funding and a first-year FTE enrollment of 66, results in a cost per FTE of $25,758, or $12,879 once fully populated with sixty total students (132 FTE). If calculated only with respect to Utah students (20 students, 44 FTE) then the cost per FTE is $38,636 in year one, or $19,318 once the program is fully populated.

**Travel:**
Travel expenditures will be used to support faculty travel to WSU for curriculum coordination as a mechanism to ensure consistency between curricula at each geographical location. These funds will also support student travel from the Logan Campus to attend the COLE (Cougar Orientation and Leadership Experience) Camp for new first-year veterinary students each year. This will facilitate the experience for Logan Campus students and allow them to receive the same training as students on the Pullman Campus.

**Capital Costs:**
These funds are required to modify existing anatomy classroom space to allow proper ventilation and storage space for an increased number of animal cadavers. The ADVS department has already invested in the design phase and has based the funding amount on these projections.

**Library Costs:**
This is the projected amount necessary to pay for increased licensing fees to allow for a modest expansion of electronic journal availability at USU and to pay for expansion of student numbers through existing electronic journal licensing at WSU. Through this arrangement USU veterinary students and faculty will have appropriate access to meet accreditation requirements. Funds will also be used to establish and maintain a resource collection of current veterinary textbooks at the Merrill-Cazier Library.

<table>
<thead>
<tr>
<th>Financial Analysis</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Students</strong></td>
</tr>
<tr>
<td>Projected FTE</td>
</tr>
<tr>
<td>Projected FTE</td>
</tr>
<tr>
<td>Enrollment</td>
</tr>
<tr>
<td>Cost Per FTE</td>
</tr>
<tr>
<td>Student/Fac Ratio</td>
</tr>
<tr>
<td>-------------------</td>
</tr>
<tr>
<td>Projected Headcount</td>
</tr>
<tr>
<td><strong>Projected Tuition</strong></td>
</tr>
<tr>
<td>Gross Tuition</td>
</tr>
<tr>
<td>Tuition to Program</td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>5 Year Budget Projection</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Expense</strong></td>
</tr>
<tr>
<td>Salaries &amp; Wages</td>
</tr>
<tr>
<td>Benefits</td>
</tr>
<tr>
<td>Total Personnel Current Expense</td>
</tr>
<tr>
<td>Travel</td>
</tr>
<tr>
<td>Capital</td>
</tr>
<tr>
<td>Library Expense</td>
</tr>
<tr>
<td><strong>Total Expense</strong></td>
</tr>
<tr>
<td><strong>Revenue</strong></td>
</tr>
<tr>
<td>Legislative Appropriation</td>
</tr>
<tr>
<td>Donations Reallocation</td>
</tr>
<tr>
<td>Tuition to Program Fees</td>
</tr>
<tr>
<td><strong>Total Revenue</strong></td>
</tr>
<tr>
<td><strong>Difference</strong></td>
</tr>
<tr>
<td></td>
</tr>
</tbody>
</table>

The excess revenues in the “Difference” subsection of the budget will be used to offset other program expenses such as providing contingency money for additional faculty release time, costs associated with student summer internships, student travel to Pullman for freshman class orientation, and activities
associated with student recruitment, future classroom upgrades, expand, maintain and upgrade laboratory teaching equipment.

**Funding Sources**
The WU 2+2 Program will be funded through a new ongoing state appropriation to implement years 1 and 2 at Utah State University ($1.7 million), and student tuition dollars paid to the program. Modest annual tuition increases are included: 7% to in-state and non-resident tuition rates projected. This increase in in-state tuition matches in-state tuition increases for the Washington State University College of Veterinary Medicine for the past several years. The combination of these two revenue sources will provide sufficient funding to operate the USU component of the WU 2+2 Program Veterinary Program. Additional funds, similar to the WICHE support fee that currently support veterinary medical education for a few Utah residents, will be appropriated to allow WSU to educate these students in years 3 and 4 of the curriculum ($1.3M in tuition differential between in-state USU tuition and WSU out-of-state tuition).

**Reallocation**
Currently, the department of Animal, Dairy, and Veterinary Sciences has 10 faculty with expertise and training appropriate to be assigned to the curriculum of the new WU 2+2 Program at USU. The new funding will allow purchase of their time to allow them to be assigned to courses within the WU 2+2 Program curriculum. The salary dollars that become available when this faculty is re-assigned will then be used to hire other faculty to cover existing coursework in the ADVS degree program.

**Impact on Existing Budgets**
The program is structured so that there will be no impact on existing USU budgets other than the amount received as an appropriation to support the program.
## Appendices

### Appendix A: Program Curriculum that includes all program courses for years 1 and 2.

<table>
<thead>
<tr>
<th>Course Prefix &amp; Number</th>
<th>Title</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Core Courses</strong></td>
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<td></td>
</tr>
<tr>
<td><strong>Fall Semester Year 1</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>ADVS 7500 (*VM 500)</td>
<td>Animals, Society &amp; Vets (Leadership/Ethics/Public Service)</td>
<td>1</td>
</tr>
<tr>
<td>ADVS 7509 (VM 510)</td>
<td>Vet Microscopic Anatomy</td>
<td>5</td>
</tr>
<tr>
<td>ADVS 7511 (VM 511)</td>
<td>Vet Anatomy I</td>
<td>5</td>
</tr>
<tr>
<td>ADVS 7513 (VM 513)</td>
<td>Vet Cell Physiology</td>
<td>4</td>
</tr>
<tr>
<td>ADVS 7598 (*VM 598)</td>
<td>Intro to Clinics</td>
<td>1</td>
</tr>
<tr>
<td>ADVS 7549 (*VM 499)</td>
<td>Practicum</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>*credit received in Year 3</td>
<td></td>
</tr>
<tr>
<td><strong>Spring Semester Year 1</strong></td>
<td>Vet Anatomy II (combine w/Vet An I)</td>
<td></td>
</tr>
<tr>
<td>ADVS 7512 (VM 512)</td>
<td>Physiology Lab/2wks</td>
<td>3</td>
</tr>
<tr>
<td>ADVS 7520 (VM 520)</td>
<td>Neuroscience (possible Web-based course)</td>
<td>5</td>
</tr>
<tr>
<td>ADVS 7521 (VM 521)</td>
<td>Immunology</td>
<td>3</td>
</tr>
<tr>
<td>ADVS 7534 (VM 534)</td>
<td>General Pathology</td>
<td>3</td>
</tr>
<tr>
<td>ADVS 7545 (VM 545)</td>
<td>Basic Nutrition</td>
<td>3</td>
</tr>
<tr>
<td>ADVS 7530 (VM 580)</td>
<td></td>
<td>1</td>
</tr>
<tr>
<td><strong>Fall Semester Year 2</strong></td>
<td>Fund. of Pharmacology (4 wks anesthesia)</td>
<td></td>
</tr>
<tr>
<td>ADVS 7522 (VM 522)</td>
<td>Virology</td>
<td>2</td>
</tr>
<tr>
<td>ADVS 7535 (VM 535)</td>
<td>Bacteriology, 5 labs others DC</td>
<td>3</td>
</tr>
<tr>
<td>ADVS 7536 (VM 536)</td>
<td>Systemic Pathology</td>
<td>4</td>
</tr>
<tr>
<td>ADVS 7546 (VM 546)</td>
<td>Clinical Pathology</td>
<td>6</td>
</tr>
<tr>
<td>ADVS 7589 (VM 589)</td>
<td>Diagnostic Challenge-integrated with other courses</td>
<td>3</td>
</tr>
<tr>
<td><strong>Spring Semester Year 2</strong></td>
<td>Communication Skills (2nd half in Y3)</td>
<td></td>
</tr>
<tr>
<td>ADVS 7502 (VM 502)</td>
<td>Vet Toxicology, USDA Toxicology</td>
<td>0.5</td>
</tr>
<tr>
<td>ADVS 7523 (VM 523)</td>
<td>Parasitology</td>
<td>3</td>
</tr>
<tr>
<td>ADVS 7537 (VM 537)</td>
<td>Public Health</td>
<td>4</td>
</tr>
<tr>
<td>ADVS 7543 (VM 543)</td>
<td>Clinical Specialty Practice -</td>
<td>2</td>
</tr>
<tr>
<td>ADVS 7561 (VM 561)</td>
<td>Dermatology/Ophthalmology</td>
<td>2</td>
</tr>
<tr>
<td>ADVS 7561 (VM 585)</td>
<td>Epidemiology</td>
<td>2</td>
</tr>
<tr>
<td>ADVS 7587 (VM 587)</td>
<td>Anesthesiology- 16 lec,7 labs, Principles of Surgery - 12 lec, 6 labs</td>
<td>3</td>
</tr>
<tr>
<td>ADVS 7588 (VM 588)</td>
<td>Radiology</td>
<td>3</td>
</tr>
<tr>
<td><strong>Subtotal</strong></td>
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<td>74.5</td>
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<tr>
<td><strong>Elective</strong></td>
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<tr>
<td><strong>Track/Options (N/A)</strong></td>
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<td>N/A</td>
</tr>
<tr>
<td><strong>Total Number of Credits</strong></td>
<td></td>
<td>74.5</td>
</tr>
</tbody>
</table>
New Courses to be Added in the Next Five Years

NONE ANTICIPATED AT THIS TIME.
Appendix B: Program Schedule

The information requested in Appendix B is presented in Appendix A. The program schedule for years 1 and 2 are dictated by the structure of the curriculum at the WSU College of Veterinary Medicine. The WSU Veterinary program meets the accreditation requirements as set forth by the American Veterinary Medical Association Council on Education\(^1\). Any deviation from the proposed course sequence in years 1 and 2 must align with the accredited program standards and goals.

\[^1\text{WSU's accreditation, last fully renewed in 2003, is under review in the 2010-2011 academic year.}\]
### Appendix C: Faculty

<table>
<thead>
<tr>
<th>COURSE DESCRIPTION</th>
<th>COURSE #</th>
<th>USU FACULTY</th>
<th>DEGREE</th>
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</thead>
<tbody>
<tr>
<td><strong>Fall Semester Y1</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Animals, Society &amp; Vets (Leadership/Ethics/Public Service)</td>
<td>VM 500</td>
<td>*Coordinator</td>
<td>DVM/MS or PhD</td>
</tr>
<tr>
<td>Vet Microscopic Anatomy</td>
<td>VM 510</td>
<td>Aaron Olsen</td>
<td>DVM/PhD</td>
</tr>
<tr>
<td>Vet Anatomy I</td>
<td>VM 511</td>
<td>New Hire</td>
<td>DVM or PhD</td>
</tr>
<tr>
<td>Vet Cell Physiology</td>
<td>VM 513</td>
<td>New Hire</td>
<td>DVM or PhD</td>
</tr>
<tr>
<td>Intro to Clinics</td>
<td>VM 598</td>
<td>Rusty Stott</td>
<td>DVM</td>
</tr>
<tr>
<td>Principles of Surgery - 12 lec, 6 labs</td>
<td>VM 586</td>
<td>Rusty Stott</td>
<td>DVM</td>
</tr>
<tr>
<td>Practicum</td>
<td>VM 499</td>
<td>Coordinator</td>
<td>DVM/MS or PhD</td>
</tr>
<tr>
<td><em>credit received in Year 3</em></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Spring Semester Y1</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Vet Anatomy II (combine w/Vet An I)</td>
<td>VM 512</td>
<td>New Hire</td>
<td>DVM/PhD</td>
</tr>
<tr>
<td>Physiology Lab/2wks</td>
<td>VM 520</td>
<td>New Hire</td>
<td>PhD</td>
</tr>
<tr>
<td>Neuroscience (possible Web-based course)</td>
<td>VM 521</td>
<td>Distance</td>
<td>DVM or PhD</td>
</tr>
<tr>
<td>Immunology</td>
<td>VM 534</td>
<td>Chris Davies</td>
<td>DVM/PhD</td>
</tr>
<tr>
<td>General Pathology</td>
<td>VM 545</td>
<td>Tom Baldwin</td>
<td>DVM/PhD</td>
</tr>
<tr>
<td>Basic Nutrition</td>
<td>VM 580</td>
<td>Jong-Su Eun</td>
<td>PhD</td>
</tr>
<tr>
<td><strong>Fall Semester Y2</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Fund. of Pharmacology (4 wks anesthesia)</td>
<td>VM 522</td>
<td>Jeff Hall</td>
<td>DVM/PhD</td>
</tr>
<tr>
<td>Virology</td>
<td>VM 535</td>
<td>Brian Gowen</td>
<td>PhD</td>
</tr>
<tr>
<td>Bacteriology, 5 labs others DC</td>
<td>VM 536</td>
<td>Bart Tarbert</td>
<td>PhD</td>
</tr>
<tr>
<td>Systemic Pathology</td>
<td>VM 546</td>
<td>New Hire</td>
<td>DVM</td>
</tr>
<tr>
<td>Clinical Pathology</td>
<td>VM 589</td>
<td>New Hire</td>
<td>DVM</td>
</tr>
<tr>
<td>Diagnostic Challenge-integrated with other courses</td>
<td></td>
<td>Coordinator</td>
<td></td>
</tr>
<tr>
<td><strong>Spring Semester Y2</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Communication Skills (2nd half in Y3)</td>
<td>VM 502</td>
<td>Coordinator</td>
<td>PhD</td>
</tr>
<tr>
<td>Vet Toxicology, USDA Toxicology</td>
<td>VM 523</td>
<td>Jeff Hall</td>
<td>DVM/PhD</td>
</tr>
<tr>
<td>Parasitology</td>
<td>VM 537</td>
<td>Rusty Stott</td>
<td>DVM</td>
</tr>
<tr>
<td>Public Health</td>
<td>VM 543</td>
<td>Kerry Rood</td>
<td>DVM/MS</td>
</tr>
<tr>
<td>Clinical Specialty Practice - Derm/Opthal</td>
<td>VM 561</td>
<td>**Nicole MacLaren</td>
<td>DVM/DACVO</td>
</tr>
<tr>
<td>Epidemiology</td>
<td>VM 585</td>
<td>Dave Wilson</td>
<td>DVM/PhD</td>
</tr>
<tr>
<td>Anesthesiology - 16 lec, 7 labs</td>
<td>VM 587</td>
<td>**Hillagas/Isrealso</td>
<td>DVM</td>
</tr>
<tr>
<td>Radiology</td>
<td>VM 588</td>
<td>WSU-Distance</td>
<td>DVM</td>
</tr>
</tbody>
</table>

* USU RDVEP Coordinator for will be appointed from the ADVS faculty
**Utah Veterinarian with adjunct appointment
Appendix D: Support Letters (attached)
AN AGREEMENT BETWEEN

WASHINGTON STATE UNIVERSITY

AND

UTAH STATE UNIVERSITY

TO ESTABLISH A

COOPERATIVE PROGRAM IN VETERINARY MEDICAL EDUCATION

DRAFT (9-22-10)
This AGREEMENT is made and entered into by and between WASHINGTON STATE UNIVERSITY, an institution of higher education and an agency of the state of Washington, hereinafter referred to as "WSU," and UTAH STATE UNIVERSITY, an institution of higher education and an agency of the state of Utah, hereinafter referred to as "USU". The Washington and Utah Cooperative Program in Veterinary Medical Education, herein established, is hereinafter referred to as the "WU" or "WU Program."

Recital

WHEREAS, this agreement is entered into pursuant to the Washington Interlocal Cooperation Act, Chapter 39.34, Revised Code of Washington, and in Utah pursuant to

WHEREAS, there presently exists a great demand for educational opportunities in the field of veterinary medicine in the states of Washington, Idaho, Utah, and the remaining WICHE states, at a time when a demand in society for these professional services is high.

WHEREAS, the participants desire to share facilities, faculty, and operating support in order to equitably share in the cost of educating veterinary students and to provide a high quality educational program leading to the D.V.M. degree.

WHEREAS, WSU and USU wish to cooperate by combining resources in order to provide a diverse and higher quality educational experience that will result from the additional facilities, instructional program, animal resources, and other attributes present in their respective states. This cooperation will also minimize duplication in costs of new facilities that would be required to develop a separate four-year D.V.M. instructional program in Utah by utilizing the
teaching facilities and professional personnel in Utah at USU for the first two years of the “U program and then utilize the teaching facilities and professional personnel and resources in at WSU and its existing network of educational partners for the final two years of the WU program.

WHEREAS, the following benefits to each cooperating state are anticipated as a result of the regional WU program:

a) Assurance that the curriculum leading to the D.V.M. degree prepares veterinarians with the educational background required to meet the specific demands for veterinary services in each state.

b) Assurance of predictable and increased access to education in veterinary medicine for students in Utah.

c) Increased services for animal industries and public health that result from a program, school, or college of veterinary medicine.

d) Expenditure within Utah of a significant portion of the funds allocated for the WU Program by that state.

e) Promotion of economic, educational, research, and service objectives of each state through the WU program.

WHEREAS, WSU and USU seek to combine resources to establish a regional distributed program in veterinary medical education designed to improve the ability of each to meet the needs outlined to above by providing for joint use of facilities of each party in order to eliminate duplicate course offerings where possible, and to promote the most efficient use of the resources available to each institution.
WHEREAS, the parties recognize that the activities pursuant to this agreement represent, in many respects, pioneering efforts in interstate and inter-institutional cooperation and that modifications or amendments to this agreement may be necessary as the WU Program evolves.

WHEREAS, the parties recognize that other states may desire to participate in a regionally distributed program in veterinary medicine, and WSU and USU agree to make reasonable adjustments to accommodate entry of institutions from other states in the regional program.

WHEREAS, the Board of Regents of WSU by resolution adopted at its meeting held ____________, have approved and authorized the terms of this agreement, and

The Regents of USU, by resolution adopted at their meeting held ____________, have approved and authorized the terms of this agreement.

NOW, THEREFORE, it is agreed as follows:

I. Establishment of Washington Utah Cooperative Program in Program in Veterinary Medical Education ("WU Program")

WSU and USU hereby agree to establish the Washington and Utah Veterinary Medical Education Program (WU) in accordance with terms of this agreement.

II. Purpose

This agreement provides the ways and means by which WSU and USU will develop and operate the WU program. USU will develop and operate, in concert with WSU, the first two years of the DVM program in Utah, mirroring the WSU DVM Program. Subsequently WSU and USU will cooperate to provide 20 USU WU Utah resident students with access to enrollment in each of
the 3rd and 4th years of WSU’s DVM program. In the event that USU wishes to enroll up to 10 additional USU WU non-Utah resident students in the first two years of the WU program and to have these students come to WSU in years 3 and 4 of the CVM curriculum as do the USU WU program Utah residents do per this agreement, USU and WSU will develop a separate amendment to this agreement.

This agreement provides an affiliation between WSU and USU to achieve a more efficient use of educational, research and service resources available in the two states for veterinary medical-education.

The principal benefits to be derived by each party are:

A. An increased supply of better trained veterinarians.

B. Continued and enhanced opportunities for education in veterinary medicine for residents of Washington, Idaho, Utah, and residents of the other WICHE states.

C. Greater clinical exposure for students to the various aspects of veterinary medicine because of the availability of diverse and increased clinical resources.

D. A broader base of support for a program of veterinary medical education, making possible greater regional cooperation in research and service and facilitating regional and federal support.

E. Increased efficiency through the joint use of facilities and faculty in each state locations.

F. Promotion and improvement of cooperative research, extension, and continuing education programs
III. Obligations of the Parties – Availability of Funds

The parties recognize that the obligations of each pursuant to this agreement are subject to the availability of funds provided therefore by legislative and funding allocation authorities of each state. In the event USU fails to provide adequate funds to maintain the agreed financial support level in accordance with the terms of Article VII, the agreed-upon number of admitted USU WU program students to WSU DVM program from will be reduced proportionately or this agreement may be terminated pursuant to Article XII of this agreement. In the event of termination by either party, those students already admitted to WU Program from USU will be able to continue pursuant to terms of this agreement until their expected graduation, provided USU continues to provide the agreed upon financial support level to WSU for those students so that an orderly phased completion may occur.

IV. Administration

The WSU Board of Regents is the governing body of the WSU College of Veterinary Medicine and has delegated responsibility to the WSU President or designated appointee for administrative matters pertaining to the WU Program.

Administration of the WU Program at USU will be in accord with USU local administration through the College of Agriculture and the Department of Animal, Dairy, and Veterinary Sciences, in cooperation with the administration of the WSU CVM’s Dean’s Office.

The WU Program at USU will be accredited as part of WSU’s accreditation. WSU will continue as an officially recognized free standing College of Veterinary Medicine by the American Veterinary Medical Association’s Council on Education hereinafter referred to as the accrediting agency. The WSU CVM, in cooperation with the WU Program at USU, will work
with the accrediting agency to secure appropriate modifications to its existing accreditation. Successful modification of accreditation depends on USU developing the WU program at USU in concert with WSU CVM and USU WU sponsored students receiving the 3rd and 4th years of the DVM educational program at WSU.

Committees:

A separate USU WU program Admissions Committee will work with the WSU CVM Director of Admissions and the WSU CVM Admissions Committee to establish the most efficient staffing mechanism for processing Utah student applications. Admission of the students into the USU portion of the WU Program will be in accord with the procedures outlined in Article VIII.

The program will have a joint Curriculum Committee with USU representation. The curriculum committee, working with the WSU CVM Dean's office and the joint WU Program faculty will have general oversight of the course content across the USU and WSU sites.

USU faculty will have representation on the WSU CVM Student Progress Committee. USU students will be subject to the same academic standards as WSU students. USU representatives on the Student Progress Committee will participate in discussions of all students, whether the students spend all 4 years at WSU or attend both USU and WSU in the WU Program.

The DVM Course Committees for 1st and 2nd year courses will be chaired by the Course Director of the WSU course. Membership on the Course Committees will consist of all faculty who teach in the course, whether at USU or WSU.

All courses in the WU program must be approved by joint WU Program faculty upon
recommendation of the joint curriculum committee. Consideration for approval will include a review of the course content, course objectives, and qualifications of the proposed instructor by the curriculum committee, and the usual approvals by established academic review procedures on the respective campuses. It is recognized that the WSU CVM dean and the USU WU program administrator in the performance of his or her function, is subject to the requirements established by each respective institution.

V. 

Facilities

WSU will provide office, classroom, laboratory, diagnostic, and clinic facilities, and self-learning resource space on WSU Pullman campus and other sites that support the WU DVM program.

USU will provide office, classroom, laboratory, diagnostic, and clinic facilities, and self-learning resource space on the USU campus and other sites that support the WU DVM program.

It is understood and agreed that WSU and USU shall not be required to provide physical facilities in another state as part of its obligation under this agreement.

VI. Faculty

The WSU and USU WU Program administration will be responsible for hiring faculty, evaluating their teaching performance and taking action as required with regard to all personnel matters relating to those under that dean's supervision who participate in the WU program. Such responsibilities include termination, tenure decisions, promotions, salary adjustments and similar matters. Employment, evaluations, and other personnel matters relating to faculty or other employees shall be conducted under the supervision and rules of the respective governing boards
of WSU and USU. WSU and USU WU Program leaders agree that the appropriate leadership at WSU and will be advised, consulted and involved as appropriate as faculty search processes are conducted and a hire is made. The WSU Dean and WSU Department Chairs and School Directors will be consulted by USU program administration on how job descriptions are written, how the search is progressing, and who is hired. Where possible, a WSU faculty member from the appropriate department or school will be appointed to serve on the USU WU faculty search committees. Where possible and with mutual interest, USU WU faculty can be appointed to serve on WSU CVM faculty search committees. A review of any teaching faculty member’s performance will be provided upon the request of the WSU CVM Dean and the USU WU program administrator.

WSU and USU WU program administrators agree on commonality and consistency in student evaluations of USU and WSU teaching faculty. USU WU Program faculty will be part of the WSU CVM peer review of teaching process, student evaluation, and other faculty and course assessment processes as they exist and evolve.

VII. Financial Responsibilities

A. Basis Financial Support for WU Program in Veterinary Medical Education.

WSU and USU are responsible for their own facility, capital, and maintenance and operating costs of facilities. In order to accommodate the additional USUWU program students in the 3rd year of the WSU DVM Clinical Medicine and Surgery Curriculum, WSU will need to renovate the small animal surgery teaching laboratory facilities in McCoy Hall to support the increased 3rd year class size. WSU requests that in the fiscal year prior to arrival of the first class of WU program students at WSU (anticipated to be FY14) USU as part of this agreement
provide WSU CVM with $75,000 in one-time minor capital renovation and equipment funds to partially support the necessary renovation of this Junior Surgery Teaching laboratory. This renovation work will need to be completed and operational in advance of the first USU WU students to enroll at WSU in the 3rd year of the WSU DVM curriculum.

The basis of the USU WU program support for years 1 and 2 of the DVM program at USU will be at such a level determined by USU and Utah funding authorities that will support a fully accredited component of the WSU DVM program and be consistent with and comparable in content, scope, and quality with the WSU DVM curriculum in years 1 and 2. This support level is not otherwise addressed in this agreement.

This agreement will set forth basis for Utah’s USU WU program annual per student support levels to be paid to WSU in consideration of WSU CVM’s agreement to provide access to and enrollment of USU WU program sponsored Utah resident students in the 3rd and 4th years of the WSU DVM program.

The WSU DVM academic year non-resident tuition and fee amount for FY2011 is $48,480. The WSU DVM academic year resident tuition and fee amount for FY 2011 is $19,578. Thus, the non-resident DVM tuition and fee differential from the resident DVM rate in FY11 is $28,902. For comparison, the WICHE DVM per student support fee for FY11 is $29,100.

Per this agreement, the USU WU program Utah resident per student support fee to be paid by USU to WSU for students enrolled at WSU in years 3 and 4 of the DVM curriculum will be based on the $29,100 FY11 amount, equivalent to the FY11 WICHE per student support fee. The base support fee amount will be inflated to the year that the first group of 20 USU Utah resident students will enroll at WSU CVM. Assuming that the USU WU program begins and the
first class of 20 USU WU Utah resident students are enrolled in Utah in FY13, and the 2nd class of 20 enroll in Utah in FY14, WSU will enroll 20 USU WU residents in the 3rd year of the WSU DVM program in FY15, and will enroll a total of 40 USU WU residents (20 in the 3rd year and 20 in the 4th year) in FY16. USU will continue to provide annual per student support fees as noted above for a total of 40 Utah Resident WU program students per year that are provided enrollment access at WSU in the DVM program (20 in year 3 and 20 in year 4) for each subsequent year of this agreement.

The USU WU program Utah Resident per student support fee base in FY11 is $29,100 and will be inflated at 2% per year results in the following:

FY15 $31,499 per student support fee x 20 USU WU students = $629,980
FY16 $32,129 per student support fee x 40 USU WU students = $1,285,160

For future years beginning in FY17 and beyond, the USU WU program Utah resident per student annual support fee will be increased each year by the percentage equal to the State of Washington inflation rate for goods and services used by the WA Office of Financial Management (OFM) for state budget planning purposes.

USU WU program Utah-sponsored resident students will enroll at WSU for their 3rd and 4th years of the WSU DVM program and be responsible for payment to WSU of the equivalent of the WSU DVM Resident DVM tuition and fees plus the mandatory WSU student fees that exist at the time of their enrollment at WSU. Utah Resident students sponsored by USU under the WU program and this agreement will not be permitted to establish Washington State residency during their enrollment in the WU program for WSU tuition and fee purposes. This also applies
to any future USU WU program Utah non-residents that may be addressed in a future amendment to this agreement.

WSU CVM will invoice USU prior the beginning of each academic year for the WU program annual per student support fees for USU WU Utah Resident students enrolled at WSU in the 3rd and 4th years of the DVM program. For the 3rd year students, WSU will invoice USU following the WSU 10th day enrollment date to confirm actual enrollment counts. For the 4th year students who begin the 4th year in early May following the 3rd year, WSU will invoice USU at the beginning of the 4th year clinical rotations based on the enrollment count. USU payment to WSU for invoices will be made in full by October 1 for the 3rd year enrolled students and by the June 1 for the 4th year enrolled students. USU WU program Utah-sponsored resident students are responsible for the payment of the WSU DVM tuition and fees and mandatory student fees per their WSU student registration fees that will be billed by WSU Student Accounts as part of enrollment and registration.

The per student support level will include operating costs of the DVM instructional program including direct instruction, college level instructional administration, Animal Health Library, teaching related activities including scholarly activity, faculty effort on university and college committees, DVM student advising, the selection process involving admissions, and employee benefits.

It is understood and agreed that the payments by USU are subject to the appropriation of funds by the Utah Legislature to USU. If the required support level per student is not provided, student numbers will be proportionately reduced, or the agreement may be terminated as provided in Article XII.
VIII. Admissions and Students

Admission policies for the WU Program will be those of the WSU CVM when this agreement goes into effect. Subsequent modification of admissions policies will be proposed by the joint WSU and USU WU Program admissions committees in accordance with WSU CVM policies and procedures, and adopted by joint approval of the WSU USU WU Program faculty. Operating under these policies and under the direction of the WSU Director of Admissions, a separate USU WU program Admissions Committee will screen applications and make recommendations to the Dean of the WSU CVM regarding admission of Utah-sponsored WU Program students.

Academic standards and essential requirements for all students in the WU Program will be those of the WSU College of Veterinary Medicine at the time this agreement becomes effective. Subsequent modification of academic standards and essential requirements will be proposed through the office of the WSU CVM Associate Dean for Student and Academic Affairs in accordance with WSU CVM policies and procedures, and adopted by joint approval of the WSU USU WU Program faculty. All WU Program students will be subject to the procedures of the joint WU Program Student Progress Committee in coordination with the WSU CVM Associate Dean for Student and Academic Affairs and the USU local program administrator.

IX. Curriculum

A. Courses

All courses of the WU curriculum must be approved by the joint Curriculum Committee, the WSU and USU program leaders, and other appropriate committees and administrators. WSU will offer the entire four-year D.V.M. curriculum to Washington residents, Idaho-sponsored
students, WICHE students, and other non-resident students. USU will offer the first 2 years of the DVM curriculum to USU WU Program-sponsored Utah residents, and any USU WU Program non-resident students, if any, admitted through a separately executed amendment to this agreement. WSU will provide the third and fourth years of the D.V.M. curriculum to the USU WU sponsored Utah residents who will enroll at WSU for the third and fourth years of the D.V.M. program following their successful completion of the first two years of the WU program at USU. USU may request that WSU faculty provide portions of years 1 and 2 course material to USU WU students via distance education or web-based education. WSU and USU will reach separate written agreement on the amount of reimbursement for such effort. The same applies if USU faculty are requested to provide portions of WSU's 1st and 2nd year curriculum.

B. Graduate and Other Cooperative Programs

Programs leading to graduate degrees will not be considered a part of this agreement. However, regional cooperation in graduate programs will be encouraged and members of the WSU and USU faculties may be appointed to the graduate faculty of the other institution according to existing policies and regulations of each institution.

Details concerning cooperative programs of research and service, education of non-DVM students and graduate students, and continuing education may be covered in separate arrangements between WSU and USU.

x. Awarding of Degrees

The degree of Doctor of Veterinary Medicine will be conferred on graduates by the Board of Regents of WSU as the accredited College of Veterinary Medicine.
XI. Review of Curriculum

Curriculum development and assessment is the responsibility of the collective WSU USU faculty under the guidance of the WSU Associate Dean for Student and Academic Affairs, the WSU Associate Dean for Teaching and Learning, and the joint WU Program Curriculum Committee. As needed and directed, ad hoc faculty committees of the joint faculty and administration of the WSU CVM and USU WU Program may also be responsible for curriculum planning and assessment in the WU Program.

XII. Termination

WSU and USU agree to provide each other with at least a one year advance notice in writing of intent to terminate the agreement. It is agreed that students in the program will be allowed to complete their programs of instruction if the agreed upon level of financial support is continued to allow program phase out.

XIII. Non-Discrimination

Each party certifies that it will not discriminate in the performance of this agreement on the basis of race, color, creed, national origin, religion, gender, sexual orientation (to include perceived gender identity), honorably discharged veteran or military status, physical, mental or sensory disability, or use of a trained dog guide or other service animal, in compliance with (a) Presidential Executive Order 11246, as amended, including the Equal Opportunity Clause contained therein; (b) Section 503 of the Rehabilitation Act of 1973, as amended, and the Vietnam Era Veterans Readjustment Act of 1974, as amended, and the Affirmative Action Clauses contained therein; (c) the Americans with Disabilities Act of 1990, as amended; and (d)
applicable non-discrimination laws of the state of Washington. The parties further agree they will not maintain facilities which are segregated on the basis of race, color, religion or national origin in compliance with Presidential Executive Order 11246, as amended, and will comply with the Americans with Disabilities Act of 1990, as amended, regarding programs, services, activities and employment practices.

XIV. Effective Date, Duration, and Filing Requirements

Copies of this agreement shall be filed with the Whitman County Auditor, the Secretary of State of Washington, and in Utah prior to its entry into force. The agreement shall be effective and shall continue indefinitely by execution of the parties, accomplishment of all filing requirements, and approval required by law. The agreement may be terminated by any of the parties upon due notice in accordance with the terms of Article XII.

XV. Notices

All notices, payments, requests, consents, approvals, or other communications which may be required under this contract shall be given as follows:

A. Notice or payments to Washington State University

B. Notice to Utah State University.

C. Amendments

This agreement may be amended by mutual consent executed in writing by the officials executing this agreement, or their successors, and appended herewith.
WASHINGTON STATE UNIVERSITY
Approved by:

_____________________________________

Recommended by:

_____________________________________

Bryan K. Slinker, Dean
College of Veterinary Medicine
Date:

Approved as to Form:

UTAH STATE UNIVERSITY
Approved by:

_____________________________________

Recommended by:

_____________________________________

DRAFT
Appendix F: Basic List of Veterinary Journals for Academic Libraries (all of which students at USU will have electronic access)

Acta Veterinaria Hungarica
Acta veterinaria scandinavica with supplements
American journal of veterinary research
Anatomia, histologia, embryologia
Animal
Animal Biotechnology
Animal genetics
Animal Law
Animal reproduction science
Animal Research
Animal science journal (Nihon Chikusan Gakkaiko)
Animal welfare
Anthrozoos
Applied animal behaviour science
Archives of animal nutrition
ATLA Alternatives to laboratory animals
Australian Veterinary Practitioner
Australian Veterinary Journal
Avian diseases
Avian pathology
Berliner und Munchener Tierarztliche Wochenschrift
Biology of reproduction
BMC Veterinary Research
British Poultry science
Canadian Journal of Animal science
Canadian Journal of veterinary research
Canadian veterinary journal
Comparative immunology, microbiology, and infectious disease
Comparative medicine
Compendium: Continuing education for veterinarians
Diseases of aquatic organisms
Domestic animal endocrinology
DTW: Deutsche Tierarztliche Wochenschrift
Equine veterinary education
Equine veterinary journal with supplement
Experimental animals
Fish and shellfish immunology
Fish pathology (Formerly Gyobyo Kenkyu)
Historia medicinae veterinariae
ILAR journal
In practice
Japanese Journal of veterinary research
Journal of American animal hospital association
Journal of animal physiology and animal nutrition
Journal of Animal Science
Journal of Applied animal welfare science: JAAWS
Journal of Aquatic animal health
Journal of Avian medicine and surgery
Journal of comparative pathology
Journal of Dairy research
Journal of Dairy Science
Journal of equine veterinary science
Journal of exotic pet medicine (Formerly Seminars in Avian and exotic pet medicine)
Journal of Feline medicine and surgery
Journal of fish diseases
Journal of medical entomology
Journal of medical primatology
Journal of Small Animal practice
Journal of swine health and production
Journal of the American association for laboratory animal science: JAALAS (formerly, contemporary topics in laboratory animal science)
Journal of the American Holistic Veterinary Medical Association
Journal of the American Veterinary Medical Association
Journal of the South African Veterinary association
Journal of veterinary cardiology
Journal of veterinary dentistry
Journal of veterinary diagnostic investigation: official publication of the American Association of Veterinary Laboratory Diagnosticians, Inc
Journal of veterinary emergency and critical care
Journal of veterinary internal medicine
Journal of veterinary medical education
Journal of Veterinary medical science (the Japanese Society of veterinary science)
Journal of veterinary pharmacology and therapeutics
Journal of wildlife diseases
Journal of zoo and wildlife medicine
Lab animal
Laboratory animals
Medical and veterinary entomology
Medical mycology
New Zealand Veterinary Journal
Onderstepoort journal of veterinary research
Polish Journal of Veterinary Sciences
Poultry Science
Preventative veterinary medicine
Reproduction
Reproduction in domestic animals = zuchthygine
Research in veterinary science
Revue de Medecine Veterinaire
Revue scientifique et technique
Appendix G: Summary of Public Comment (Letters are available on file at the Office of the Commissioner)

USU/WSU Veterinarian Partnership - Summary of Public Input

To date, we have received 35 emails or letters with varied opinions concerning the proposed USU/WSU partnership agreement.

The following table indicates the category in which the input was received.

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<tr>
<th>Type</th>
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<th>Against the Proposal</th>
<th>Not Sure</th>
<th>Number of Letters</th>
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<td><strong>19</strong></td>
<td><strong>2</strong></td>
<td><strong>35</strong></td>
</tr>
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</table>

Although there were a variety of issues expressed, these are the major themes:

For the Proposal:

1. There is a shortage of veterinarians who practice on food animals.
2. The program will provide greater opportunities for Utah students.
3. There is a need for veterinarians in the rural areas of the state.
4. The proposed program will allow Utah to better control and address future professional needs in this area.
5. The program will give Utah a direct voice in the selection of Utah veterinary students.
6. The program will provide educational opportunities for veterinarians.
7. Adequate access to veterinary training has been a problem for a long time—the proposed program solves this issue.
8. Sharing faculty and facilities between Utah and Washington is an efficient solution.
9. It took (two full years) (three full years) to recruit an associate to my practice.
10. This program would produce more veterinarians with Utah ties.

Against the Proposal:

1. Utah does not have a shortage of veterinarians.
2. Utah does not have an increasing animal agricultural base.
3. If there were a shortage of veterinarians, the market would recruit veterinarians to come to the state.
4. USU has grossly underestimated the cost of the program.
5. The program will provide an inferior veterinary medicine education due to infrastructure deficiencies.
6. USU lacks veterinary faculty specialists with board certification.
USU lacks necessary facilities and equipment to teach the first two years of the curriculum.

USU students would have no access to a large veterinary teaching hospital.

News reports have contained several inaccuracies.

Funding for 12 seats per year would be adequate to meet Utah's needs for veterinarians.

USU library has an inadequate collection.

There has not been enough research completed and there are many questions that need to be answered.

The WICHE program gives the students the best option for the DVM.

The proposed program will not provide the full 4 years of the DVM in Utah.

Limits the choice of Utah students to only one route that involves 2 to 3 institutions.

Too expensive for the state of Utah.