DIVISION OF NATURAL SCIENCES AND MATHEMATICS MEETING MINUTES

May 3, 2011 NS 122

The meeting was called to order by Division Chair Steve Taylor at 4:07. (Time change due to schedule conflict).

I. ROLL CALL / APPROVAL OF AGENDA

In attendance: Sarah Boomer, Mike LeMaster, Karen Haberman, Klay Kruczek, Jeff Templeton, Cheryl Beaver, Rahim Kazerouni, Steve Taylor, Niki Winslow.

II. APPROVAL OF APRIL MINUTES: Minutes were approved as written.

a. 2011 Summer Registration – advertise to students
b. Annual reporting process: Faculty Annual Reports, all TT and NTT faculty (Due: June 15, 2011; cc to both dept. chair and division chair; Department Reports Due Last Week of July). Klay will be doing reports for math, he will be teaching through 7/7/11.
c. Catalog changes / Julie Harding Provost's Office – May 16 Catalog sent to printer. Biology corrected a few changes, EPS found a typo, Rahim reports Chemistry was correct. Math forgot to review, they might check in with Julie in the Provost's office.
d. Reminder: 2010-2011 annual classroom observations of non-tenure track, adjunct faculty. The Dean sends a letter for approval if the observation warrants.
e. Division Spring Faculty Travel Requests. Requests are closed. If there are funds left over they will roll into the general NSM902 budget.
f. PURE/Academic Showcase – May 26, 2011. Bryan has received most abstracts. He has posted notice of the showcase.
g. Admissions Recruiting Events: Campus admitted student reception, May 11, 2011; Early bird Transfer, May 14, 2011; SOAR: Fri. June 24, Fri. July 8, Sat. July 9, Sat. July 23, 2011. Steve, Pete, Mike and Cheryl will be working Early Bird, no report on who will cover for biology.
h. April Admissions data compared to last year: UG Applications +8.3%, UG Admits +7.5%, G Admits +7.5%.
i. Vans spring term – field trips – April and May – 2 van rentals for 2 months; sign-up sheet in office.
j. NSM Division Honors Night Thursday May 26, 2011 – Sharyne Coordinating Paperwork. Please have names of students and awards to her by May 16.
k. HWC 105 – new 100-seat lecture room (actually more like 90) available for Science priority class scheduling.
l. 2011-2012 Mathematics Dept. Chair Assignments: Kruczek Annual Dept. Report in July 2011, Kruczek 2011 Year-End Budget Duty, Burton SOAR 2011 Coordination; Chair Points of Contact – Kruczek through 6/16/11, C. Beaver 6/15/11-7/31/11, Burton 7/31/11-12/3/11, C. Beaver 1/1/12-6/15/12; Scheduling C. Beaver; Burton – Office Staff Supervision.
m. Niki/Office Coordinator announcements – budget time, purchase now, not at the end of the budget year.

IV. OLD BUSINESS

a. Student Technology / AIC Request; NS 114 smartroom treatment – decision still pending. Nicole, a student rep on the AIC committee said decisions are on hold. The AIC is waiting to hear what the answer will be regarding computer funding through AIC.
b. NS Lab Annex Feasibility Study / Funding shift still pending ($9.7M total request, lottery funds; $2.5 M unsecured) see pgs. 4-11 of handout.

c. Oregon Dept. of Justice OUS Faculty Audit – draft report under review; Provost rebuttal (see pgs. 12-13 handout).

V. NEW BUSINESS

a. NSM Division Office Staff Transitions. Sharyne has been hired in the Social Science APA position being vacated by Jeanne Dean's retirement. Klay has accepted a position out of state and will teaching through 7/7/11 at Western.
b. Dean's Initiative – Faculty Senate Review of M-W / T-R recommended class times (see handout page 14).

VI. REPORTS

a. NSM Budget Update: pg. 15-16 handouts
-WOU budgets in holding pattern until legislature finalizes; reductions anticipated.
-NOTE: Spring purchasing / budget spend-down: DO NOW!
-Starting 2011-2012 Adjunct Instructional Salaries will shift from centralized Liberal Arts Index to Division

b. Faculty Senate: NSM Division Committee Assignments pg. 17. There was discussion regarding student overload status of 21 credits requiring an advisor's signature. Most were opposed to this many credits, felt 20 should be maximum allowed in overload. There is a proposal to allow credit from General Equivalency Exams (like foreign languages). Our faculty senators are Cheryl Beaver, Mike LeMaster, Pete Poston, who has served his term and needs to be replaced. Klay needs a replacement on the ARC. Erin's term is almost ending on the IRB.
c. Faculty Development Committee
d. AFT/WOU Faculty Union. There is suggestion that NTT faculty who have taught at WOU for a minimum of five years should be issued a 3 year teaching assignment. June 30 is the end of the contract year.
e. Curriculum Committee (Division and Campus) Bryan said the Committee on Committees was going to look at all committees. They made a recommendation regarding the ARC, D-C-W-Q designations.
f. Academic Requirements Committee
g. Academic Infrastructure Committee
h. Master Planning committee
i. Faculty searches / Changes – Biology- has a search for adjunct addition in 2011-2012, the position has been posted.
j. PRC

The meeting was adjourned.

MEETING AGENDA
DIVISION OF NATURAL SCIENCES AND MATHEMATICS
WESTERN OREGON UNIVERSITY

May 3, 2011; NS122 4:00 PM (NOTE Time Change Due to Schedule Conflict)

I. ROLL CALL / APPROVAL OF AGENDA **Note Additions Below in *Bold Italics***

II. APPROVAL OF APRIL MINUTES p. 2-3

III. ANNOUNCEMENTS

a. 2011 Summer Registration – advertise to students
b. Annual Reporting Process: Faculty Annual Reports, all TT and NTT faculty (Due: June 15, 2011; cc to both dept. chair and division chair; Department Reports Due Last Week of July).
c. Catalog changes / Julie Harding Provost's Office – May 16 Catalog Sent to Printer.
d. Reminder: 2010-11 annual classroom observations of non-tenure track, adjunct faculty.
e. Division Spring Faculty Travel Requests
f. PURE/Academic Showcase – May 26, 2011.
g. Admissions Recruiting Events: Campus Admitted Student Reception, May 11, 2011; Early Bird Transfer, May 14, 2011, SOAR: Fri., June 24, 2011, Fri., July 8, 2011, Sat., July 9, 2011, Sat., July 23, 2011.
h. April Admissions Data Compared to Last Year: UG Applications +8.3%, UG Admits +7.5%, G Admits +7.5%
i. Vans spring term – field trips – April and May – 2 van rental for 2 months; sign-up sheet in office.
j. NSM Division Honors Night Thursday May 26, 2011 – Sharyne Coordinating Paperwork
k. HWC 105 - new100-seat lecture room available for Science priority class scheduling; first preference
l. 2011-12 Mathematics Dept. Chair Assignments: Kruczek Annual Dept. Report in July 2011, Kruczek 2011 Year-End Budget Duty, Burton SOAR 2011 Coordination; Chair Points of Contact – Kruczek through 6/15/11, C. Beaver 6/15/11-7/31/11, Burton 7/31/11-12/31/11, C. Beaver 1/1/12-6/15/12 ; Scheduling C. Beaver; Burton - Office Staff Supervision.
m. Niki/Office Coordinator announcements – Budget time, purchase now!

IV. OLD BUSINESS

a. Student Technology / AIC Request: NS114 smartroom treatment – decision still pending.
b. NS Lab Annex Feasibility Study / Funding Shift Still Pending ($9.7M Total Request; $2.5M Unsecured). p. 4-11
c. Oregon Dept. of Justice OUS Faculty Audit – Draft Report Under Review; Provost Rebuttal p. 12-13

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b. Faculty Senate: ***NSM Division Committee Assignments*** p. 17
c. Faculty Development Committee
d. AFT/WOU Faculty Union
e. Curriculum Committee (Division and Campus)
f. Academic Requirements Committee
g. Academic Infrastructure Committee
h. Master Planning Committee –
i. Faculty Searches / Changes – Biology – search for adjunct addition in 2011-12, position posted.
j. PRC

VII. FINAL COMMENTS AND ADJOURNMENT

DIVISION OF NATURAL SCIENCES AND MATHEMATICS MEETING MINUTES
April 5, 2011

The meeting was called to order by Bryan Dutton at 3:37, joined later by Division Chair Steve Taylor, meeting in NS122.

I. ROLL CALL / APPROVAL OF AGENDA

Agenda change: under New Business item (b) guest speaker, was moved to (a).
In attendance: Bryan Dutton, Sarah Boomer, Karen Haberman, Klay Kruczek, Mike Ward, Julie Grammer, Ava Howard, Rahim Kazerouni, Erin Baumgartner, Steve Taylor, Niki Winslow..

II. APPROVAL OF MARCH MINUTES

The minutes were approved as written.

III. ANNOUNCEMENTS

a. 2011 Summer registration – advertise to students.
b. NSM Division Spring Travel Grant Deadline: April 26, 2011. Applications are sent around one week after Faculty Development travel is awarded.
c. Annual Reporting Process: Faculty Annual Reports, all TT and NTT faculty (Due: June 15, 2011; cc to both dept. chair and division chair).
d. Catalog changes / Julie Harding Provost's office – April 12-13 Catalog Draft Available for review in WUC, May 16 catalog sent to printer. Biology has found errors before so advises review.
e. Reminder: 2010-2011 annual classroom observations of non-tenure track, adjunct faculty
f. Reminder: Faculty Course Load Equivalents ("contact hours") – Taylor emailed winter and spring templates to Dept. Chairs on March 3, departmental tallies due back by Friday, April 15.
g. PURE/Academic Showcase – May 26, 2011. Submit preplanning worksheet by April 8 for a place-holder for the showcase to allow Bryan time for preplanning. Abstracts are due May 2, 2011.
h. Admissions Recruiting Events: Spring Preview Day, April 16, 2011; Campus Admitted Student Reception, May 11, 2011; Early Bird Transfer, May 14, 2011, SOAR: Fri., June 24, 2011, Fri., July 8, 2011, Sat., July 9, 2011, Sat., July 23, 2011.
i. Admissions data compared to last year: no new data.
j. Vans spring term – field trips – 2 vans have been rented for April and May; sign-up sheet is in the office.
k. NSM Division Honors Night Thursday May 26, 2011 – Sharyne coordinating paperwork, etc.
l. HWC 105 – new 100-seat lecture room available for Science priority class scheduling; first preference. Mike LeMaster advises it actually holds 80-something capacity.
m. Academic Majors Fair – Thursday April 7, WUC, 11 AM – 1 PM; dept. tables will be available.
n. Niki/Office Coordinator announcements – budget time, spend now. Bulk of end-of-year spending should be completed by April 18. Please email spring term syllabi to Niki now and not at the end of the fiscal year. If you can't email please provide a hard copy.

IV. OLD BUSINESS

a. Student Technology / AIC Request: NS 114 smartroom treatment – decision pending. AIC funded A & P $29,000 value in new equipment.
b. Taylor / Division Memo April 4, 2011 – Nomination of Nathan Sauer for Pastega Staff Excellence Award. Pg. 5.

V. NEW BUSINESS

a. Natural Science Laboratory Annex – Science Dept. Chairs and Division Chair on Advisory Committee to Physical Plant and University Architects. Administration currently working on a $9.7M funding maneuver. Pg 6.

b. Guest Presenter – Camilla Gabaldon-Winningham, PURE Journal of Undergraduate Research. PURE is putting together a PURE interdisciplinary peer review journal with sponsorship for faculty editors. Peers include faculty and students from other institutions. If published elsewhere we can use links with no copy write issues. Currently Standford and Pacific University have published undergraduate journals. There will be a call for papers at the showcase, hopefully some papers would be completed for showcase next year. A faculty sponsor is required. Bryan and Jeff Templeton are on the committee for science. Camilla provided a handout at the meeting highlighting the main points of her presentation.

VI. REPORTS

a. NSM Budget Update: Proposed Dean/LAS reductions for 2011-2012: Currently no proposed reductions to NSM Division S&S; 68% reduction in NUR901 S&S Index; 29% reduction in Dean's Special Project Fund; 18% reduction in Dean Faculty-Student Budget; Total CLAS Proposed Reductions = $58,374 = 16.3% pg. 7. Business Office – NSM Division S&S Budgets may not be finalized and known until after start of July 1, 2011 fiscal year; depending on legislative actions. (Note: Phones are safe). – NOTE: Spring purchasing / budget spend-down: 90=% of all faculty/departmental purchases must be completed by the end of the third week of Spring Term classes; Monday April 18, 2011. Plan ahead!

b. Faculty Senate: Mike LeMaster and Klay reporting. The Committee on Committees will be working with the ARC to put forward a proposal on reshaping the ARC which will be presented to Faculty Senate in early May.

c. Faculty Development Committee: no one present to report. Next round of decisions will be 4/19/2011.

d. AFT/WOU Faculty Union: Scott reported face-to-face bargaining will begin 4/12, elections will be held 4/13/2011. There are 17 items of discussion in bargaining, there should be a summary of items by the end of spring term.

e. Curriculum Committee (Division and Campus) – Portal Upgrades: Laurie not present to report.

f. Academic Requirements Committee – student overload petition see pg. 8. Klay reporting. The new overload form does not require a listing of the student schedule. Mike's recommendation was to only create a box to indicate NO if not recommended. Others suggested listing a spot for YES, recommended, or NO, not recommended. It was suggested that a student be required to have a minimum GPA of 2.25 to request overload.

g. Academic Infrastructure Committee. The Biology proposal made it in.

h. Master Planning Committee - the draft for the campus master plan is near completion. The plan will be released in a few weeks.

i. Faculty Searches / Changes – Mathematics: Klay will be leaving WOU, the search netted two new TT faculty hires and one NTT adjunct added.

j. PRC: Division Chair Continuation – Steve was elected to a second three-year tenure as NSM Division Chair.

The meeting was adjourned at 4:56.

NS Annex Building Feasibility Study – Status Report May 3, 2011

(1) There are two leading options: (a) build an addition onto the current building on the north side, (b) build a stand alone annex somewhere over by the tennis courts or in the parking lot to the west. Total size somewhere in the 15,000 sq. ft to 20,000 sq. ft. range

(2) Funding situation: administration still working with OUS, governor, and legislature to obtain approval to "spend up to" (i.e. "not to exceed") $9.7M, $7.2M of which is already funded, $2.5M balance would have to be raised from yet to be identified sources.

(3) The architects will next conduct a cost-benefit feasibility analysis for the two options in 1 above, and present them to us at a meeting in the next week or two.

(a) It sounds like most folks are in favor of the north-side building addition, compared to the stand-alone tennis court annex

(b) A stand alone tennis court annex has advantages of cost, since new construction is cheaper than retrofitting to an old NS building.

(c) A stand-alone building would be most efficiently utilized by moving an entire program into it, either biology or chemistry, as both of those areas most heavily use hood-wet lab systems.

(d) The down side of a stand-along tennis court facility is that while it would include office and lab space, with wholesale occupation of a program, it would not have any dedicated lecture classrooms, and the program that moves in there would become nomads and orphans, and would have to perpetually walk around campus to conduct lectures. There would also be constant turf / scheduling episodes built into that scenario.

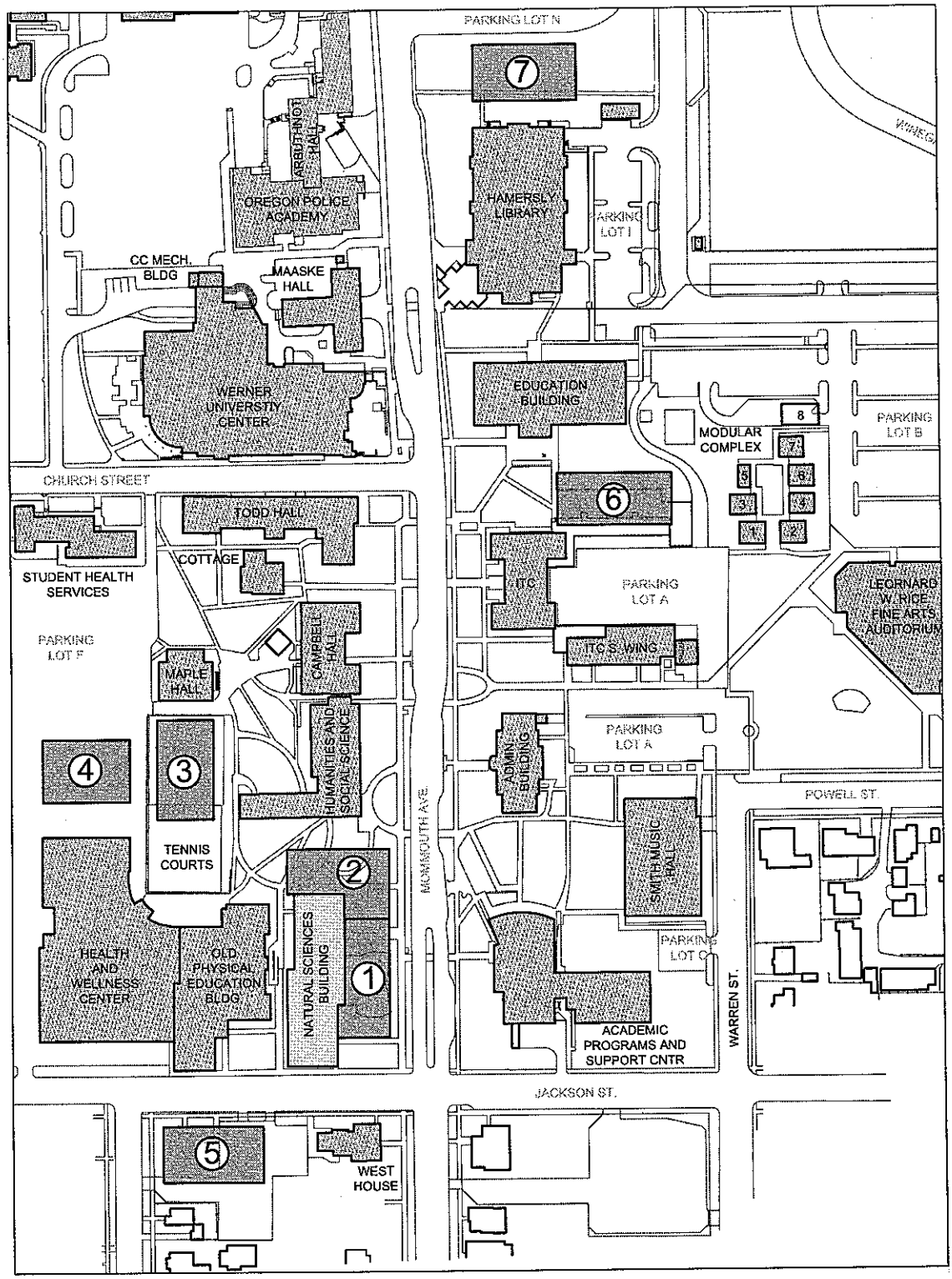
(e) Future remodeling of the NS Building will involve the following plan: any hood-based wet labs in the old building will have to be constructed on the second floor, to allow ventilation directly to the roof; other project-based labs, offices, and lecture rooms would be shifted to the first floor or basement. At some point in the future, if/when funds become available, the current second floor of old NS could be significantly restructured to allow for construction of hood-/HVAC -related labs.

(f) The current "old NS" building is basically out of code with respect to HVAC and fire. The biggest building-wide need is to totally re-do the HVAC / ventilation system, and mechanics related therein. That project alone could cost $300,000 to $600,000; depending. That's HVAC only, and does not include any facility remodeling / lab upgrades.

(g) Department Chairs are reviewing Architect needs assessment documents. The goal is to improve the current situation and project into the future 10 or 20 years out.

(j) Because of the need for wet labs with up-to-code HVAC/ hood systems / safety systems, Chemistry and a significant portion of Biology will benefit from construction of a new building. Because Earth and Physical Science is less dependent on wet labs / hood-based experiments, the EPS department will likely have to work to improve the balance of the current old facilities left in the wake.

There is potential for science faculty and students to benefit greatly, however, as the architect stated "there will be pain" involved in the remodeling process in the form of 2 years of disrupted schedules, construction noise, unsettled emotions, rattled nerves, etc.



NORTH

OPTION 1 - REPLACE EAST WING OF EXISTING BUILDING WITH NEW ADDITION.
OPTION 2 - NEW ADDITION ATTACHED TO NORTH END OF EXISTING BUILDING.
OPTION 3 - NEW BUILDING LOCATED TO WEST WHERE TENNIS COURTS ARE CURRENTLY.
OPTION 4 - NEW BUILDING LOCATED TO WEST IN LOCATION OF PARKING LOT F.
OPTION 5 - NEW BUILDING LOCATED AT LOCATION OF OLD ARNOLD ARMS BUILDING WITH ADDITION.
OPTION 6 - REPLACE I.T.C. NORTH WING WITH NEW BUILDING
OPTION 7 - NEW BUILDING LOCATED NORTH OF HAMERSLY LIBRARY

POTENTIAL EXPANSION LOCATIONS

NATURAL SCIENCES FEASIBILITY STUDY

WESTERN OREGON UNIVERSITY

APRIL 22, 2011

SODERSTROM ARCHITECTS
PORTLAND, OR
503.228.5617

5

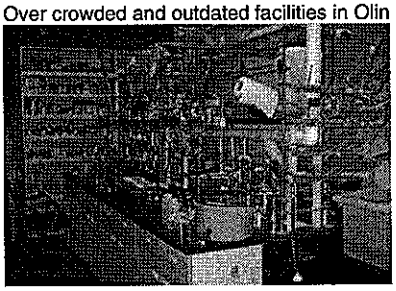
EXAMPLE FS – Lewis & Clark

Executive Summary

This report provides a preliminary assessment of the requirements necessary for expanding science facilities at Lewis & Clark College. The facilities needs outlined in the report are based on academic planning assumptions provided by science faculty in the fall of 2001. These recommendations are the results of inter- and intra-departmental discussions and a two-day planning workshop conducted in January 2002.

The planning workshop was led by an experienced science facilities planning consultant, Research Facilities Design (RFD) from San Diego, California. The workshop resulted in preliminary space allocation guidelines based on an analysis of comparable institutions and the needs identified by Lewis & Clark science faculty. Analysis of data from comparable liberal arts colleges suggests that the requirements identified by Lewis and Clark are within the norms for like sized liberal arts institutions around the country.

Over crowded and outdated facilities in Olin



Using space allocation data derived from the workshop, the planning committee studied four (4) different architectural development strategies. These simple studies were designed to explore the "fit" between academic program elements and with the College's long-range master plan. The studies also illustrate how program elements can be combined in new or new and remodeled facilitates. The planning committee determined that there are multiple facilities construction scenarios that satisfy the long-range master plan and also meet the preliminary space allocation objectives identified by science faculty. One of the four studies was singled out as having the most potential for further consideration.

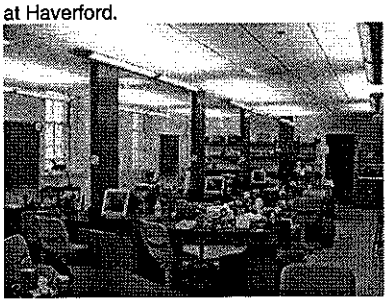
The four construction scenarios identified in the previous analysis were also evaluated for cost. There was little difference in construction costs for the four different schemes and all schemes were within the national baseline cost parameters for comparable facilities, based on data provided by RFD. The basis for selecting a scheme for further study or implementation should therefore not be based on cost, but rather on how effectively the scheme satisfies academic, master planning and site development criteria. 'Option D' is represented in this report as the scheme that may best accomplish these objectives.

The planning committee recommends the following five "next steps" for planning and developing the College's science facilities:

1. Program Planning Recommendation:

Preliminary space allocation recommendations in this report are based on assumptions about faculty growth, baseline comparables analysis and quantifiable deficiencies in existing facilities. All of these assumptions should be tested and refined in a subsequent program-planning phase using data specific to Lewis & Clark College. This can be done during the 2002/03 academic year. Students should be included in this phase of the planning process.

An example of a flexible, modern teaching lab at Haverford.



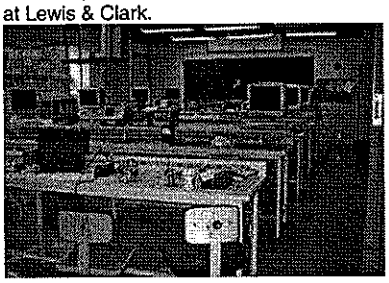
2. Space Allocation Recommendation:

Recommendations for the numbers and types of spaces (classrooms, teaching labs, research facilities, and etc.) represent the best assessment of the planning committee and its consultants. These assumptions should be tested using classroom utilization data, class size assumptions, and distribution of major by discipline, and scheduling information specific to Lewis & Clark. This can be done during the 2002/03 academic year.

3. Site & Building Development Recommendation:

There appear to be several ways to provide additional facilities for science programs. However, based on an analysis of site constraints and space allocation objectives, Option D appears to be the strategy that best solves most problems and it should be studied in more detail.

An example of a similar function teaching lab at Lewis & Clark.



4. Cost Management Recommendation:

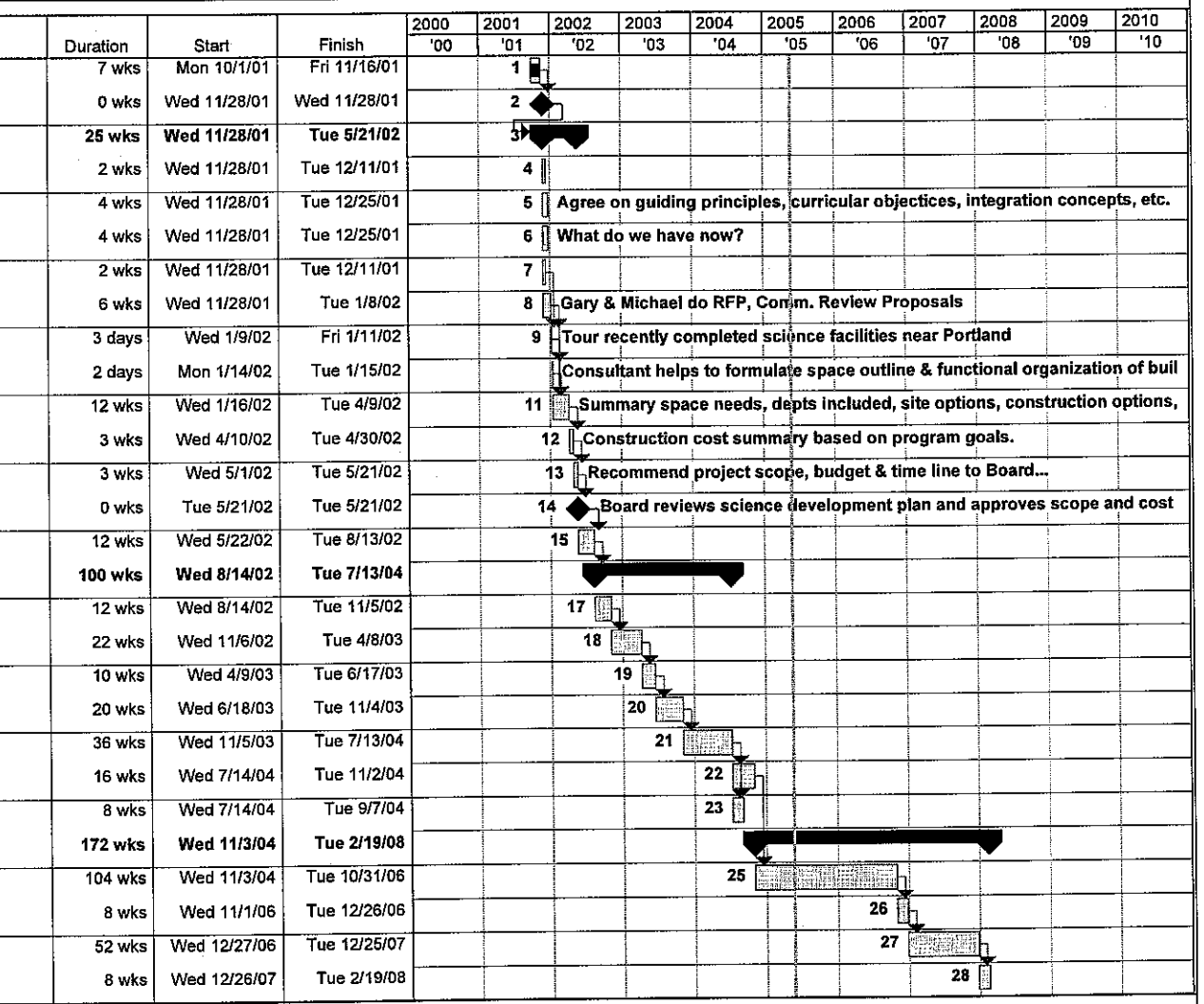
Preliminary cost analysis based on both comparable institutions and local construction conditions suggests little difference between the different architectural schemes. For preliminary planning purposes, costs are assumed to be in the $60M to $65M range and final solutions should be selected on the basis of functional appropriateness rather than cost.

5. Schedule Recommendation:

The average time, nation wide, for planning and constructing an academic science facility is approximately 7 years. Even using the work of this past year as a springboard for future action, we are still at least 6 years away from a completed facility. To minimize the effects of construction inflation and maximize our opportunities for improving science instruction at Lewis & Clark we should expedite this planning effort to the best of our ability.

SCIENCE FACILITIES EXPANSION – Feasibility Study

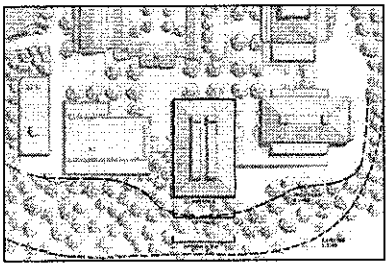
ID	Task Name	Duration	Start	Finish
1	Planning to date	7 wks	Mon 10/1/01	Fri 11/16/01
2	Gary&Michael Great Adventure	0 wks	Wed 11/28/01	Wed 11/28/01
3	**Program Plan**	**25 wks**	**Wed 11/28/01**	**Tue 5/21/02**
4	Get Students	2 wks	Wed 11/28/01	Tue 12/11/01
5	Internal Program Analysis	4 wks	Wed 11/28/01	Tue 12/25/01
6	Set Space Baseline	4 wks	Wed 11/28/01	Tue 12/25/01
7	Establish Team Participation Agreement	2 wks	Wed 11/28/01	Tue 12/11/01
8	Select Program consultant	6 wks	Wed 11/28/01	Tue 1/8/02
9	Conduct Local Facility Tours	3 days	Wed 1/9/02	Fri 1/11/02
10	Conduct 2 day Worshop	2 days	Mon 1/14/02	Tue 1/15/02
11	Prepare Draft Summary Program	12 wks	Wed 1/16/02	Tue 4/9/02
12	Cost Analysis	3 wks	Wed 4/10/02	Tue 4/30/02
13	Prep Board Materials	3 wks	Wed 5/1/02	Tue 5/21/02
14	Board Reviews/Approves Plan	0 wks	Tue 5/21/02	Tue 5/21/02
15	Architect Selection	12 wks	Wed 5/22/02	Tue 8/13/02
16	**Building Design**	**100 wks**	**Wed 8/14/02**	**Tue 7/13/04**
17	Fianl Program Prep/Cost Validation	12 wks	Wed 8/14/02	Tue 11/5/02
18	Schematic Design & Cost Validation	22 wks	Wed 11/6/02	Tue 4/8/03
19	Value Engineering Cost Review	10 wks	Wed 4/9/03	Tue 6/17/03
20	Design Development & Cost Validation	20 wks	Wed 6/18/03	Tue 11/4/03
21	Contract Docs & Cost Validation	36 wks	Wed 11/5/03	Tue 7/13/04
22	Permit	16 wks	Wed 7/14/04	Tue 11/2/04
23	Bid	8 wks	Wed 7/14/04	Tue 9/7/04
24	**Construction & Move In**	**172 wks**	**Wed 11/3/04**	**Tue 2/19/08**
25	Construct Science Palace	104 wks	Wed 11/3/04	Tue 10/31/06
26	Commission & Move-In	8 wks	Wed 11/1/06	Tue 12/26/06
27	Remodel Olin Palace	52 wks	Wed 12/27/06	Tue 12/25/07
28	Commission & Move In	8 wks	Wed 12/26/07	Tue 2/19/08



Project: Science2
Date: Wed 5/18/05

Task
Split
Progress
Milestone
Summary
Rolled Up Task
Rolled Up Split
Rolled Up Milestone
Rolled Up Progress
External Tasks
Project Summary
External Milestone
Deadline

Site Development and Space Allocation Option "D"



This section provides a detailed description of building and site development Option D. Other options considered during this phase, as wells as the technical reports about existing building and site conditions, are discussed in the attached "Lewis & Clark College Science Expansion Feasibility Study", Soderstrom Architects, April 15, 2002.

Option "D" is based on one new building of 112,500 SF, remodeling the existing Olin building and constructing a 12,000 SF addition. There would also be 10,000 SF of new space on two below-grade levels between the new building and Olin Hall.

The new facility would be organized into two parts, the front third for offices and classrooms and the back two-thirds for labs. The three-story classroom and office portion would face the campus and the new pedestrian street behind the original Albany building. The classrooms could be on the entry level with the offices above. The lab portion would be behind this. It would be contiguous, but articulated to express the different function and break down the mass. The lab portion would match the height of the office section, but take advantage of the sloping site with two more floors below the entry level. The natural grade will allow all floors to have windows at the east end.

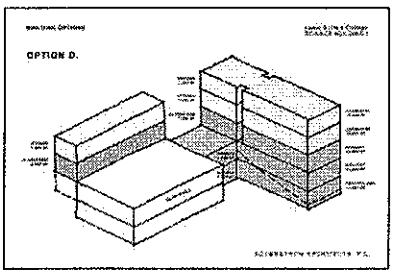
The existing and new buildings would be focused around an outdoor plaza similar to the way the Arts & Humanities buildings all radiate around Alumni Circle. This would give the Science buildings their own identity and help to foster the sense of community between the six departments. The outdoor space would also create a gathering spot for this far end of campus.

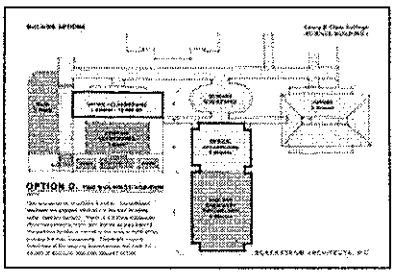
The beauty of this scheme is in its simple and appropriate organization. All of the classroom spaces would be on the entry level in both the existing and new structures. This would keep the most heavily used spaces closest to the main entries and the pedestrian traffic. All of the office space would be clustered above this on the second and third levels. The close proximity of the 49 faculty offices would encourage inter-departmental communication, while the distribution by floor and by building would allow individual department identity. Connecting the two buildings by a covered walkway/bridge would tie all of the departments together and facilitate their interaction. The outdoor plaza would create a focal element and give the sciences a shared common ground.

Another exciting benefit of this scheme would be a new façade and entry for Olin. The existing structure does not have the architectural character currently being developed on the campus. The massive exhaust ducts frame a cold and uninviting arcade dominating the main elevation. There is no visible front entry, since it is located down the stairs on the level below the

plaza. In general, it is an uninviting, unfriendly building that does not promote curiosity or enhance the University community.

Building a long narrow two-story structure in front would create the opportunity to remedy this. It could have the same open and interactive qualities as the ground floor of the Miller building. The two-story height would provide a stronger edge to the end of the campus and greatly improve the visual terminus of the main east-west pedestrian way. It would also provide a transition between the one-story Olin classroom structure to the south and the proposed three-story new science building. Building in front of Olin would accomplish the same objectives identified in the College's master plan without the added cost of structurally upgrading the entire Olin building. As noted in the preliminary structural review of the existing building, adding on top of Olin would trigger the requirement of a complete seismic upgrade. New footings and pilings would be needed, which would be difficult and expensive. By building on just the west side, this could be avoided. It would significantly reduce remodeling costs while providing many of the benefits.





The lab portion of the new building might be organized vertically with Chemistry taking the top two floors, putting them closest to the roof where their hoods exhaust. Since Chemistry has the greatest number of hoods, this is the most efficient arrangement. Biology could be located on the next two floors, giving them the first full floor below grade in order to meet their large area requirements. Psychology could be located on the lowest level, since they need many windowless rooms.

In general, Option "D" groups all of the "wet" sciences in the new structure and the "dry" sciences in the existing building. This will minimize remodeling costs, since the "dry" sciences require fewer utilities. It minimizes the need or extent of utility relocation.

Finally, the two buildings will be connected below grade on both levels. These in-between spaces could house the shared rooms or equipment, further encouraging the interdepartmental interaction.

Site & Building Development Recommendation:

There are several ways to provide additional facilities for science programs. However, based on an analysis of site constraints and space allocation objectives, Option D appears to be the strategy that best solves most problems and it should be studied in more detail.

PHASE: Feasibility Report
FeasibilityCostReport.xls

SCIENCE EXPANSION

Options Comparisons
5/18/2005

Work Description	Option A Cost	Option A $/gsf		Option B Cost	Option B $/gsf		Option C Cost	Option C $/gsf		Option D Cost	Option D $/gsf		Comparables Cost	Comparables $/gsf	
Finish GSF: 189,652	37,753,835			40,298,985			39,624,673			38,516,885			45,402,483		
DEMOLITION	$144,000	$0.76		$144,000	$0.76		$144,000	$0.76		$147,000	$0.78				
SITEWORK	$872,763	$4.60		$861,825	$4.54		$1,172,425	$6.18		$793,985	$4.22				
FOOTINGS / STRUCTURE	$3,809,456	$20.09		$4,287,278	$22.61		$3,809,456	$20.09		$3,822,000	$20.32				
EXTERIOR CLOSURE	$1,796,700	$9.47		$2,489,940	$13.13		$2,604,420	$13.73		$2,591,700	$13.78				
ROOFING	$413,200	$2.18		$408,635	$2.15		$747,200	$3.94		$392,200	$2.09				
INTERIOR CONSTRUCTION	$6,026,429	$31.78		$6,402,973	$33.76		$6,026,429	$31.78		$5,878,380	$31.25				
MECHANICAL	$6,711,824	$35.39		$6,956,448	$36.68		$6,768,744	$35.69		$6,731,600	$35.79				
ELECTRICAL	$3,467,884	$18.29		$3,751,884	$19.78		$3,500,354	$18.46		$3,477,350	$18.49				
EQUIPMENT	$6,502,820	$34.29		$6,534,800	$34.46		$6,498,500	$34.27		$6,515,000	$34.64				
FURNISHINGS	$71,190	$0.38		$98,658	$0.52		$103,194	$0.54		$102,690	$0.55				
GC's/HOISTING/INSURANCE	$2,212,439	$11.67		$2,251,457	$11.87		$2,241,120	$11.82		$2,224,137	$11.82				
CONTINGENCY	$4,804,306	$25.33		$5,128,185	$27.04		$5,042,376	$26.59		$4,901,406	$26.06				
CONSTRUCTION FEE	$920,825	$4.86		$982,902	$5.18		$966,455	$5.10		$939,436	$4.99				
CONSTRUCTION COST TOTAL	$37,753,835		73%	$40,298,985		73%	$39,624,673		73%	$38,516,885		73%	$45,402,483		74%
CONSTRUCTION COST/GSF	**$ 199**			**$ 212**			**$ 209**			**$ 205**			**$ 239**		
ENGINEERING SERVICES	$4,530,460	$23.89	9%	$4,835,878	$25.50	9%	$4,754,961	$25.07	9%	$4,622,026	$24.57	9%	$5,448,298		9%
EQUIPMENT ALLOWANCE	$3,000,000	$15.82	6%	$3,000,000	$15.82	5%	$3,000,000	$15.82	6%	$3,000,000	$15.95	6%	$3,000,000		5%
FURNISHINGS ALLOWANCE	$1,500,000	$7.91	3%	$1,500,000	$7.91	3%	$1,500,000	$7.91	3%	$1,300,000	$6.91	2%	$1,300,000		2%
MISC. OWNER COSTS	$2,076,461	$10.95	4%	$2,216,444	$11.69	4%	$2,179,357	$11.49	4%	$1,925,844	$10.24	4%	$2,497,137		4%
CONTINGENCY	$3,020,307	$15.93	6%	$3,223,919	$17.00	6%	$3,169,974	$16.71	6%	$3,081,351	$16.38	6%	$3,632,199		6%
TOTAL PROJECT, 2002 DOLLARS	**$51,881,053**		**100%**	**$55,075,226**		**100%**	**$54,228,965**		**100%**	**$52,446,106**		**100%**	**$61,280,116**		**100%**
PROJECT COST/GSF	**$ 274**			**$ 290**			**$ 286**			**$ 279**			**$ 323**		
ADD FOR:															
DEMOLISH BODINE/BIOPYSCH	$ 250,000			$ 250,000			$ 250,000			$ 250,000			$ 250,000		
BACKFILL THE HOLE	$ 190,000			$ 190,000			$ 190,000			$ 190,000			$ 190,000		
LANDSCAPE RESTORATION	$ 320,000			$ 320,000			$ 320,000			$ 320,000			$ 320,000		
SURFACE PARKING REPLACEMENT	$ 1,050,000			$ 1,050,000			$ 1,050,000			$ 1,050,000			$ 1,050,000		
SUB-TOTAL SITE REPAIR & PARKING	$ 1,810,000			$ 1,810,000			$ 1,810,000			$ 1,810,000			$ 1,810,000		
ADD FOR STRUCTURED PARKING	$ 1,950,000			$ 1,950,000			$ 1,950,000			$ 1,950,000			$ 1,950,000		

Notes **Options A, B and C based on 189,652 GSF. Option D is based on 188,100 GSF**
Comparable institutions cost data courtesy Research Facilities Design, San diego, CA, Febuary, 2002
Portland area cost data and construction analysis courtsey Hoffman Construction Company, April, 2002
All cost projections in 2002 dollars.

SCIENCE FACILITIES EXPANSION - Feasibility Study

Cost Estimate 2002 - Dollars

11

Oregon University System lacks grasp of how professors work, state audit says

Published: Tuesday, May 03, 2011, 5:00 AM Updated: Tuesday, May 03, 2011, 11:16 AM

By Bill Graves, The Oregonian
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Bill Graves/The Oregonian

The campus of Oregon State University, one of four universities in the Oregon University System studied in detail for an audit by the Secretary of State's audit division.

The **Oregon University System** does not have a grasp of how much time professors spend in the classroom, and less than one-fifth of its budget goes to instruction. A state audit released today says:

* Professors on the seven state campuses teach from two to 12 classes a year, and nearly half of classes in the system are taught by non-tenure-track instructors or graduate assistants.

* In the 2009-10 school year, the university system spent $373 million -- 18.4 percent -- of its $2.03 billion budget "in salaries and benefits for faculty, adjunct faculty and graduate assistants whose work focused on instruction and university-funded research activities." State officials say that raises questions about where the other $1.7 billion was spent.

* The system cannot determine whether its professors and instructors could be better and more efficiently used without getting better information on how they are spending their time.

"Given the fact that tuition costs are going up and enrollment is going up as well, we're not entirely sure where the money is going and how it is being used to meet the needs of the students," said Gary Blackmer, director of the **audits division of the Secretary of State,** which conducted the audit. The Oregonian obtained the audit Monday. University officials are expected to testify at a public hearing on the audit at 3 p.m. today before a legislative committee.

University officials argued that while there's always room to improve, the system is already among one of the most efficient in the country.

"Oregon's universities spend less per student and less per degree awarded than almost all other public universities in America," wrote **George Pernsteiner,** Oregon University System chancellor in a seven-page response to the audit.

Reports

» **Secretary of State's audit**

» **Oregon University System response**

Sona Andrews, vice chancellor for academic strategies, said university leaders have clear work expectations for professors and do "have a pretty good grasp" of how they work. Professors also are engaged in research and service, which often involve students and instruction, she said.

"We don't have faculty punch a clock," she said. "We gauge faculty work based on the outcomes of what they do."

Audits on faculty have been done across the country as universities face pressure to keep down tuition in the face of declining support, said Scott Burns, geology professor and former head of the Portland State University faculty senate.

Paul Kelly, president of the **State Board of Higher Education**, said the fact the university system is producing degrees at low cost suggests "you must be doing something efficiently."

He said he was open to looking at whether "we are failing to do something on the faculty assessment side," but he also cautioned against saddling the universities with more "unnecessary administrative work."

The audit said the universities did not have clear expectations of how professors were to divide their time between research, service and teaching. It also said "it is not possible to conclude from their current information systems how much time faculty members spend" on those activities.

Other states, such as Nevada and Utah, have policies and systems to monitor workload, the audit

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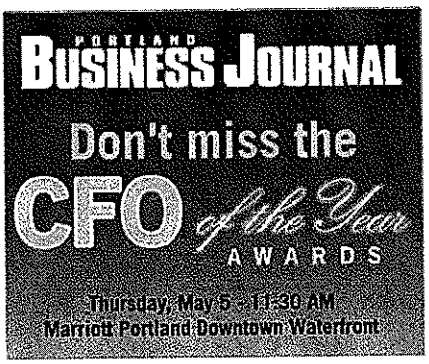

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MONITORING FACULTY WORKLOAD AND SETTING WORKLOAD EXPECTATIONS:

The OAD questions how faculty time is accounted for and its impacts on efficiency. Faculty members are salaried, not hourly employees and do not maintain a detailed accounting of the time they spend on the various aspects of their complex professional work. Expectations are set for the amount of effort each faculty member devotes to teaching, research and service, but these are guidelines rather than a precise chronicling of hours and vary based on discipline and professional level.

The core elements of the Oregon University System mission—teaching, research/scholarship, and service – are inextricably linked and embodied in the faculty who are charged to carry out that mission. Although all tenure-related faculty in OUS perform all of these functions, the expectations about and proportion of time allotted to each function varies depending on the particular academic discipline, institution mission and program focus. Teaching, research and service are not mutually exclusive activities—each needing to have separately documented work hours, and there is considerable overlap among these faculty work components. The contributions made by faculty need to be viewed holistically, not as three mutually exclusive functions. For all OUS universities, the products of faculty research and scholarship are integrated into the curriculum.

How much time a faculty member spends on research and scholarship is dependent on the mission of her or his university, the discipline or field in which s/he is working, and the complexity of the issues being studied, and the resources available. Engaging in research and scholarship is a unique and essential function of university faculty. The importance of research to OUS faculty and the state is reflected in our continued top 10 national ranking in federal research dollars per faculty member. To put this into perspective, OUS earns at least as much each year from the federal government to support research as it receives in state appropriations to support student instruction.

The OAD staff were concerned that OUS did not monitor and track the time a faculty member spent on non-funded research and scholarship. While much research is funded by the state and/or the federal government, some of it is not funded externally. The value and significance of research, scholarship and professional development is not reduced by the lack of external funding nor should it be restricted to those matters which attract external funding. Determining whether academic output – whether a chemistry text book or a breakthrough in nano-technology – was produced efficiently is not achieved simply through a time and motion study. Most breakthroughs are the result of many years of thought and experimentation—often conducted before any external funding is generated. Measures of efficiency based solely on how long it took a faculty member to write a book, make a new scientific discovery, or help a community with important social issues are not answering the question of faculty efficiency or effectiveness. OUS holds as a solid precept that faculty work requires accountability at all levels (individual faculty member, department, college, university, and system) and university and system structures and third party accreditation ensure that, using national quality standards. We do not believe that the type of work in which faculty are engaged lends itself to the kind of hourly monitoring suggested in the OAD report.

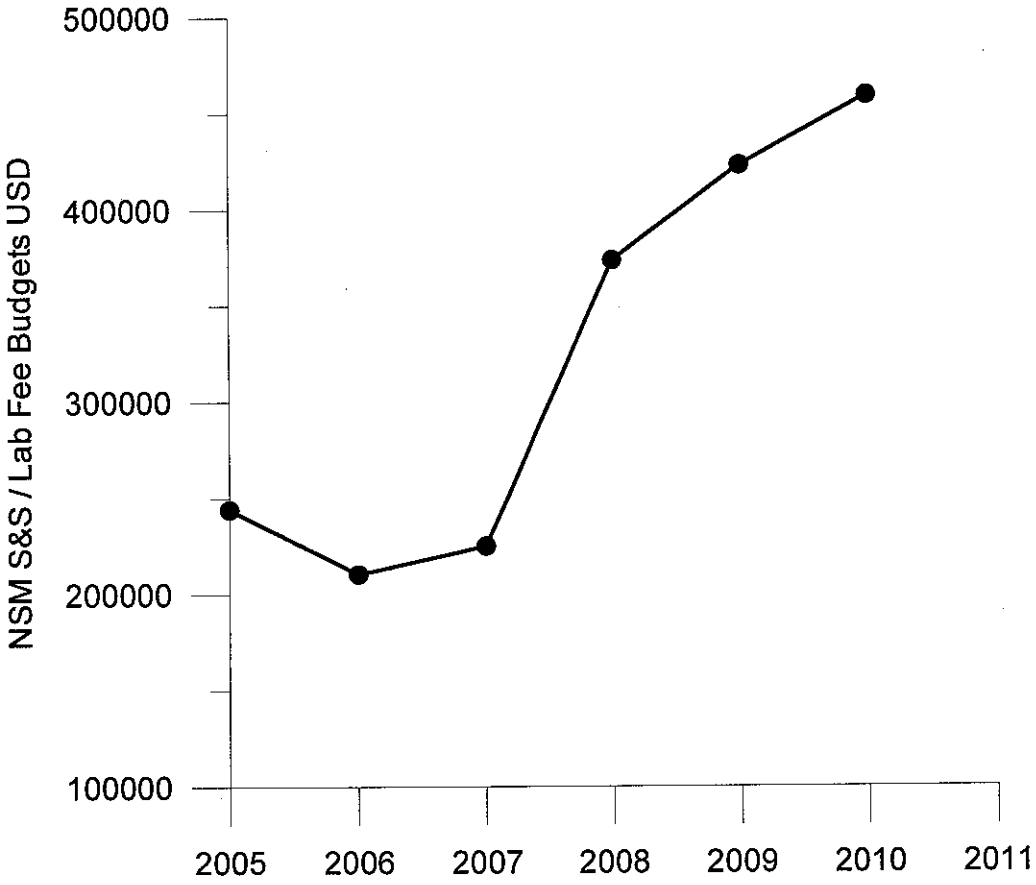
HOW DEPARTMENTS MANAGE WORKLOAD:

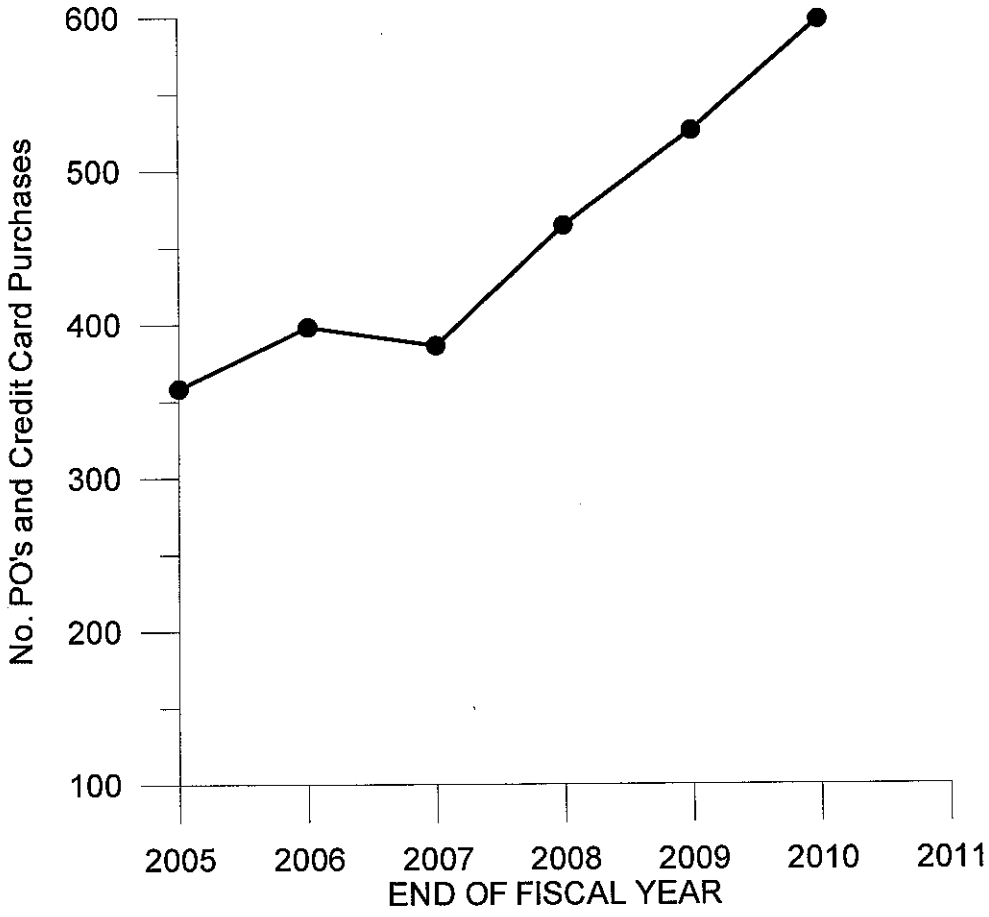
The OAD questions the structure of academic departments and its impact on accountability. Team (department, college, and university) costs and results are standard and reliable measures of productivity used in Oregon and nationally. As a measure of efficiency, the cost per degree in Oregon is among the lowest in the nation.

2010 - 2011 NSM DIVISION BUDGET

Budgeted amount for Supplies and Services NSM902				**$52,314**	
			Expense	$52,314	
ESTIMATED GENERAL OFFICE OPERATING EXPENSES				$47,314	
Telecom (Phones and Networking)		17,252.09	$24,000		
Copiers		7,992.62	$10,000		
Office Supplies & Book Store		2139	$3,700		
Postage		139	$300		
Duplicating Services		105.83	$300		
Faculty travel		2687.97	$4,000		
Physical Plant - work orders		248.43	$2,500		
Telecommunication wiring		122.5	$500		
Miscellaneous		763.14	$2,014		
TOTAL ESTIMATED GENERAL EXPENSES				$47,314	
MATHEMATICS	NSM902 Starting			$5,000	
Money already spent	NSM902			$1,800	
NSM941 Lab Fees	fees collected	4/16/11 $1848		$1,848	
SEP/DEP MTH70-95 - Course-Related Toner-Copier-Supplies					
NSM941 Lab fees expended				518.50	
Balance		Total balance		**$4,529**	
SCIENCE DEPARTMENT BUDGETS NSM922 STARTING July 1, 2009				**$165,000**	
BIOLOGY	NSM922 Starting			**$55,384**	$55,384
Summer lab fees rolled over into 2010-11				$4,500	
Money already spent				$56,674	
Balance				**$3,210**	
EARTH & PHYSICAL SCIENCE	NSM922 Starting			**$45,080**	$45,080
Summer lab fees rolled over into 2010-11				$1,400	
Money already spent				$35,286	
Balance				**$11,194**	
CHEMISTRY	NSM922 Starting			**$28,336**	$28,336
Summer lab fees rolled over into 2010-11				$1,300	
Money already spent				$20,353	
Glass breakage				$107	
Balance				**$9,390**	
NATURAL SCIENCE STUDENT INFRASTRUCTURE AND OVERHEAD					
STUDENT LAB NETWORK	NSM922 Starting			**$5,000**	$5,000
Money already spent				$4,320	
Balance				**$680**	
STUDENT PAPER	NSM922 Starting			**$5,500**	$5,500
Money already spent				$3,500	
Balance				**$2,000**	
FIELD TRIP	NSM922 Starting			**$5,500**	$5,500
Money already spent	inc. 2 vans April & May w/out mileage			$4,408	
Balance				**$1,092**	
EQUIPMENT REPAIR	NSM922 Starting			**$2,500**	$2,500
Money already spent					
Balance				**$2,500**	
Medequip (Still)	NSM922 Starting			$3,800	$3,800
Willamette Water (Softener)	NSM922 Starting		$215	$450	$450
NW Natural Gas	NSM922 Starting		$108.03	$250	$250
				$4,500	
Contingency 8% of Total NSM922 Budget				**$13,200**	$13,200
				TOTAL	$165,000

NSM DIVISION BUDGET/EXPENDITURE HISTORY





Subject: **[Faculty Only] next week's division meetings**
To: faculty@wou.edu

Date: 05/02/11 11:32 AM
From: Janeanne Rockwell-Kincanon <kincanj@wou.edu>

Hello, colleagues,
I'm writing as the chair of Committee on Committees. Prior to the May 3 division meetings, please give some individual thought regarding your involvement in division representation for next year. Senate bylaws (Article III, Section 3.4) state that "appointments to the various Faculty Senate committees are identified for the following academic year no later than the first May meeting of the Faculty Senate."

I will follow this mass email up with notes to each division chair outlining the division's number of entitled and newly open Senate seats for 2011-12 as well as open slots on the subcommittees.

As a reminder, newly appointed senators attend both May meetings of the Faculty Senate, so Tuesdays, May 10 and 24, 3:30-5 in the Columbia Room.

Thanks,
Janeanne

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