UNIVERSITY
OF MANITOBA

Senate
Senate Chamber
Room 245 Engineering Building
WEDNESDAY, October 4, 2000
1:30 p.m.

AGENDA

I MATTERS TO BE CONSIDERED IN CLOSED SESSION

II CANDIDATES FOR DEGREES,
DIPLOMAS AND CERTIFICATES - OCTOBER 2000 Page 17

The report will be available at the Senate meeting.

III REPORT ON MEDALS AND PRIZES
TO BE AWARDED AT THE OCTOBER CONVOCATION

The report will be available at the Senate meeting.

IV MATTERS RECOMMENDED FOR CONCURRENCE WITHOUT DEBATE

1. Faculty of Engineering *Calendar* Amendment Page 18

V MATTERS FORWARDED FOR INFORMATION

1. UM/COPSE New (or Substantial Change)
Program Approval Process - Undergraduate

Please see addendum.

2. UM/COPSE New (or Substantial Change)
Program Approval Process - Graduate

Please see addendum.

VI REPORT OF THE PRESIDENT

VII QUESTION PERIOD

Senators are reminded that questions shall normally be submitted in writing to the University Secretary no later than 10:00 a.m. of the day preceding the meeting.

VIII CONSIDERATION OF THE MINUTES
OF THE MEETING OF SEPTEMBER 6, 2000

IX BUSINESS ARISING FROM THE MINUTES

X REPORTS OF THE SENATE EXECUTIVE COMMITTEE AND THE SENATE PLANNING AND PRIORITIES COMMITTEE

1. Report of the Senate Executive Committee Page 19

Comments of the Executive Committee will accompany the report on which they are made.

2. Report of the Senate Planning and Priorities Committee

The Chair will make an oral report on the Committee's activities.

XI REPORTS OF OTHER COMMITTEES OF SENATE, FACULTY AND SCHOOL COUNCILS

1. Report of the Senate Planning and Priorities Committee With Respect to Campus-Wide Technology Needs Page 20

2. Report of the Senate Committee on Nominations

The report will be available at the Senate meeting.

XII ADDITIONAL BUSINESS

XIII ADJOURNMENT

/sgp

CANDIDATES FOR DEGREES, DIPLOMAS AND CERTIFICATES

1. **Degrees Notwithstanding a Deficiency**

A list of students to be considered for degrees notwithstanding a deficiency will be distributed at the meeting.

Deans and Directors should note that they may be asked to explain the circumstances leading to the recommendations from their respective Faculties or Schools.

At the conclusion of discussion of the report, the Speaker of the Senate Executive Committee will make the appropriate motion(s).

2. **Report of the Senate Committee on Appeals**

An oral report will be presented to Senate by the Chair of the Committee only if the Committee has heard an appeal which will result in the recommendation of the award of a degree notwithstanding a deficiency.

3. **List of Graduands**

A list of graduands will be provided to the University Secretary on the day of the meeting. The list will not be distributed to members of Senate but will be open for inspection by individual members of Senate.

The list to be provided to the University Secretary will be a compilation of the lists of the graduands of each Faculty and School.

The Speaker for the Senate Executive Committee will make the appropriate motion approving the list of graduands, subject to the right of Deans and Directors to initiate late changes with the Director of Student Records up to October 6, 2000.

Wpdocs:/GraduandCandidates

THE UNIVERSITY OF MANITOBA

FACULTY OF ENGINEERING
Office of the Dean

Winnipeg, Manitoba
Canada R3T 5V6

(204) 474-9806/7/8/9
Fax: (204) 275-3773

DATE: August 30, 2000

TO: Ms. B. Sawicki, University Secretariat

FROM: D.W. Ruth, Dean, Faculty of Engineering

SUBJECT: AMENDMENT TO STATEMENT IN UNDERGRADUATE CALENDAR 2001-2002

At its August 29, 2000 meeting, Faculty Council approved the following amendment to the Statement in the Undergraduate Calendar 2001/2002. The proposed amendment follows:

SECTION 2.1 GRADING AND ASSESSMENT: DEAN'S HONOR LIST

CURRENT	PROPOSED
2.1 Grading and Assessment **Dean's Honor List** Students who achieve an EGPA of 3.50 or better with a minimum of 28 credit hours during the last two regular academic study terms will be included on the Dean's Honor List. In exceptional circumstances, the Dean may recommend to the Faculty Council that students be included on the Dean's Honor List, even though the student has not satisfied both of the above conditions.	**2.1 Grading and Assessment** **Dean's Honor List** Students who achieve an EGPA of 3.50 or better with a minimum of 28 credit hours during the last two regular academic study terms will be included on the Dean's Honor List. **For graduating students who were on the Dean's Honor List in the previous evaluation the minimum requirement of 28 credit hours may be waived provided an EGPA of 3.50 or better is maintained.** In exceptional circumstances, the Dean may recommend to the Faculty Council that students be included on the Dean's Honor List, even though the student has not satisfied both of the above conditions.

If you have any questions or comments, I would be pleased to hear from you.

/pp
COPY: Mr. R. Levin, Director, Student Records Office

Comments of the Senate Executive Committee:

The Senate Executive Committee endorses the report to Senate.

September 20, 2000

Report of the Senate Executive Committee

Preamble

The Senate Executive Committee held its regular monthly meeting on the above date.

Observations

1. **Speaker for the Senate Executive Committee**

   Professor M. Feld will be the Speaker for the Executive Committee for the October meeting of Senate.

2. **Comments of the Executive Committee**

   Other comments of the Executive Committee accompany the report on which they are made.

Respectfully submitted,

Dr E. J. E. Szathmáry, Chair
Senate Executive Committee

Terms of Reference: *Senate Handbook* (Revised 2000), Section 7.

/sgp

August 2, 2000

Report of the Senate Planning and Priorities Committee with Respect Campus-Wide Technology Needs

Preamble

1. The Senate Executive Committee, at its meeting of April 26, 2000, directed that the Report of the Senate Committee on Academic Computing on Campus-Wide Technology Needs be considered by the Senate Planning and Priorities Committee (SPPC).

2. The Report seeks to make some estimate of the rates of computer-oriented technological changes that are occurring primarily in "the classroom" and in some forms of research. The authors of the report attempt to assess the physical requirements and costs, in terms of cabling and network electronics, needed to bring the institution to some form of currency with regard to this type of technology. The costs are substantial; they are beyond the current resources of Information Services and Technology.

Observations

1. The technology estimates were based on building plans. Some building plans are current others are less so - room usage has a tendency to be dynamic. This argues that any plan to implement the technology installation incorporates future flexibility.

2. Information Services and Technology have consulted with some building users. This process should be continued, as it will lead to a more accurate assessment of needs. Moreover, through consultation, it will be possible to establish priorities and a time frame for the development.

3. The rooms and buildings discussed in the report fall within various areas of administrative (and hence budget) responsibility. A centrally-coordinated expression of budget responsibility for specific items and rooms would be helpful.

4. Considerable emphasis is placed on the upgrading of classrooms. It would be useful to centrally coordinate this because many items of technology are being purchased or requested on a piecemeal basis at the department level. There may be some economies of scale. There may be some benefit to buying established or "standard" technology.

5. It is not clear that any attempt has been made to distinguish between what has been installed primarily to support department or research functions. This may be because it is truly hard to determine. However, some effort could be made here to assess what has been bought recently from research budgets *versus* operating budgets; it is probable that machines bought on research budgets see much general use in support of the institution. This is noted "without prejudice"; however, it may strengthen the argument for additional funds if the University is seen to be making a major commitment here.

6. Many computer areas evolve "organically" and have a range of technology and capability. This might indicate that there is a range of requirements that reflects local usage, support and technological expertise. Some users may in fact be in equilibrium with their current technology so might be given a choice in the rate at which they wish to "upgrade".

7. If upgrading computer and network technology is to be regarded as a priority, at least initially, additional funds must be sought outside the normal funding envelope. To strengthen the argument for such funds, and also provide for flexibility, the report must be made more specific, more accurate and present equipment and time frame options.

Recommendation

SPPC endorses the Report on Campus-Wide Technology Needs as the first step in the planning process and encourages the authors to move to the proposal and feasibility stage.

Respectfully submitted,

Norman Halden, Chair
Senate Planning and Priorities Committee

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Comments of the Senate Executive Committee:

The Senate Executive Committee endorses the report to Senate.

29 March 2000

To: Bev Sawicki, University Secretary
From: Richard Lobdell, Chair, Senate Committee on Academic Computing

Re: Report on Campus-Wide Technology Needs

Attached please find a Report on Campus-Wide Technology Needs prepared at the request of the Senate Committee on Academic Computing. The Committee has studied this report with care, and forwards it to the Senate Executive Committee for its consideration.

The Committee believes this to be a critical issue for the University community. A growing number of academics now realize that information technology is a vital resource for teaching and research, and that adequately funding this technology and its infrastructure is a major challenge. This report details the requirements and costs of bringing our University's information technology infrastructure up to date and maintaining it at an acceptable level over time.

The Committee endorses this report, and urges the Executive Committee to forward this report to Senate for information and endorsement.

cc Members, Senate Committee on Academic Computing

The University of Manitoba

Campus-Wide Technology Needs

Observations

Universities exist in a complex and dynamic information environment where technology has made and will continue to make a profound impact on the delivery of information resources and services. Furthermore technology is continually changing; while higher education finds it difficult to maintain and renew their computing and network infrastructure at the required pace, it must be done. Indeed, technological change is acknowledged to be one of the most difficult areas to predict, plan for, and accommodate.

A growing number of the academy realizes that they must embrace technology to carry out their teaching or research projects successfully. Applying technology in the educational environment may result in (1) significant and rapid changes in the curriculum (e.g. use of multi-media course material) (2) changes in approaches to teaching and learning (e.g. the development of the scholar's/students workstation) and (3) changes to research and the process of scholarly communication (e.g. new dissemination options including a whole range of electronic publications). The problems of adopting technology are compounded when the technology changes at an ever increasing rate. Evidence of this rapid change is all around us: the increasing power of the desktop workstation, the growing emphasis on distributed computing, the growing use and performance of video conferencing, the ubiquity of electronic servers for text, numeric and graphic information. Underlying these and countless other technological initiatives is the evolution of the Internet towards a national and global information infrastructure.

Consequently, institutions of higher education have no choice but to invest in information resources, information technology, and services. Most importantly, the undeniable evidence of the relentless evolution of technological change means that the investment cannot be a one-time commitment. The University needs to make a continuing commitment to fund technology and the infrastructure required to support it. Without this continuing commitment, we will be unable to achieve our vision of centrality in the development of Manitoba's knowledge-based society in a knowledge-based global economy. We will graduate students who are not prepared for a critical aspect of work and life in the real world, we will be unable to conduct the type of world-class research our faculties are capable of performing, and we will be delivering a second-class education to our students because we are using limited teaching methods.

Meeting this continuing commitment is a major challenge for the University. With budget cuts and tuition rebates, we find ourselves falling further and further behind current, not leading edge technology. A primary requirement to support all technological applications is the need to have access to efficient campus networks.

Today, on both of the University of Manitoba campuses, we find our networking technologies falling generations behind our needs. Studies conducted by Academic Computing and Networking point to the growing problems with the performance of networking technologies on both campuses which effect teaching and research. These reports are attached to this report and serve as the source of the information listed below as to the breadth and depth of this critical problem.

Recommendation

The Senate Committee on Academic Computing recommends that Senate endorse our report.

Respectfully submitted,

R A L Lobdell

Dr. R. Lobdell, Chair
Senate Committee on Academic Computing

Technology Funding Categories

The following categories represent major areas of information technology at the University of Manitoba which require upgrading and renewal beyond the capabilities of current Information Services and Technology funding resources.

1. Upgrading Campus Network Infrastructure

A) Cabling

The University of Manitoba has built wide area networks on our campuses that are used extensively by students, faculty, and staff to access the Internet as well as local services. Typically, these networks were installed with the technology available at the time of installation and are now limited in speed in comparison to currently available technologies. Increasing demands for multimedia services and general growth in network use by faculty, staff, and students have resulted in substantial parts of these networks reaching capacity, resulting in network performance problems. Implementation of new teaching technologies such as real time video and multimedia Web pages is not possible campus-wide because of the limited speed of our currently installed networks.

This is a growing problem at the University since many instructors would like to make use of such facilities for their courses. As more and more faculty place class syllabi, readings, and other documents on the Web, and as they learn about newer applications such as WebCt and NetMeeting, our current networks have in many cases already slowed to a level that is unacceptable. Other post secondary institutions in Canada and the US are aggressively developing and marketing such services which raises concerns about our ability to compete for both students and new faculty. The funding in this category would be used to upgrade the network cabling infrastructure over a period of three to four years to current switched technologies capable of running at the speeds required by these new multimedia applications and services. These expenditures for cabling should handle campus needs for about ten years.

B) Network Electronics

Associated with these cabling upgrades is the need to upgrade network switching equipment and associated electronics to handle the increased speed of the networks. Of particular importance is the improvement in overall reliability of the network through the implementation of newer switching technologies. The funding in this category will be used to acquire and maintain the equipment and to hire technical staff to support it. The switched technologies will enable greater bandwidth availability for users; in conjunction with the increased speed of the required new cabling, this should ensure acceptable access and performance levels for about four or five years.

2. Regular Replacement of Computer Equipment in Student Labs

Universal access to current computer equipment by students at the University of Manitoba has become the norm as more and more courses make use of computer technology to support the teaching process. Today's students must graduate with a working knowledge, familiarity, and comfort level with modern computer technology in order to succeed in their later lives. Access to computers across campus is deemed essential to providing not only access to course materials for students, but also acquiring knowledge beyond the classroom.

This technology is advancing so rapidly that computing power doubles every year. Software support from vendors is difficult for those using older software, yet new software upgrades frequently mean also upgrading the hardware so that the software can run on a minimally acceptable computer. This requires replacement or upgrades of equipment on at most a three-year basis and upgrades of software on at most a two-year basis. Funding in this category would be used as an addition to existing funding in operating budgets to allow for such upgrades on a timely basis.

3. Computing and Networking Technology in Classrooms

The use of computing and networking technology in teaching is growing at exponential rates. Growth in classroom usage of technology is seen in two primary areas. The demand for projection equipment is doubling approximately every year. The number of students and courses using WebCT, online Web based courseware, is up 50% over the same time last year. At this time, about one out of six undergraduates is enrolled in courses using WebCT. Course delivery now requires computers, network connections, and data projection equipment in the classroom. In addition, appropriate lighting and lighting controls, sound systems, power and other outlets, and appropriate furniture are needed for technology-enabled classrooms. Funding in this category will be used to continue and accelerate the upgrading of classroom facilities.

4. Libraries' Public Access Workstations

Public access workstations are available in all University of Manitoba libraries to allow patrons to access library services such as online catalogues and databases essential for both classroom learning and faculty research. Ninety percent of these public workstations are old 486 computers that have Windows 3.1 operating systems. In addition to being difficult to maintain, these computers are frustratingly slow for regular Windows applications, are not capable of running a Web browser, and, therefore, cannot run the majority of the Libraries electronic services. There is also an immediate need to add additional public access workstations in the Libraries to meet student demand. These demands have been expressed as letters and notices on the "Dear Library" asking for access to services throughout the buildings. As well, members of the various library committees are expressing the need for additional

stations capable of accessing the Libraries electronic resources. Funding in this category will be used for replacement of obsolete equipment, renewal of newer equipment, and additional workstations as needed.

Looking to the future, the need will be even greater, for technology will increasingly be woven into the fabric of every library service. Furthermore, the Libraries' future will be defined by partnerships, both inside and outside the University, that will require us to operate with a prescribed level of technology. Included in these will be partnerships with other academic institutions to take advantage of resource sharing opportunities and partnerships with teaching faculty, focussing on direct support of teaching and research.

Appendix 1

Financial Tables

Summary

	Annual	Total
Upgrading network cabling	$1,675,000	$6,700,000
Upgrading building network cabling	$1,650,000	$6,600,000
Computer lab renewal	$580,500	$1,741,500
Library workstations	$264,000	$792,000
Classroom technology	$2,370,000	$9,480,000
	$6,539,500	$25,313,500

1 a) Upgrading Campus Network Cabling

From the Building Plant Cable Study prepared by Academic Computing and Networking, December 1998;

During the autumn of 1998, a committee with participants from IST, Physical Plant and Space Management reviewed the buildings on the University of Manitoba *Fort Garry* and *Bannatyne* campuses in order to identify the locations and assess the costs required to raise the building network cabling to the Category-5 Standard. 64 buildings on the *Fort Garry* campus and 9 buildings on the *Bannatyne* campus were identified for review. 28 buildings were excluded on the *Fort Garry* campus.

The assessment included the classrooms identified in the *Model of Service for the Use of Information Technologies in Teaching (July 1998),* offices, workspaces, computer laboratories, laboratories, and residences. The source of information was by reference to the building drawings *(some of which are seriously sparse or out of date)* and the knowledge and experience of the committee membership. The goal is to place network Category-5 cabling in all of the above building spaces, and Fibre Optic cabling into appropriate classroom spaces. The space requirements and cost of the supporting infrastructure are quantified, including the provision of Voice Data Rooms, Grounded Power to all building spaces, and building cable risers and trays.

A physical check of the buildings was not conducted. Although this would certainly have improved the accuracy of the assessment, it was an impractical exercise within the timeframe allotted to the study with the resources at hand. Nevertheless, as the strategic issues of funding an upgrade program are resolved, a physical review of each building must be undertaken in partnership with the building occupants.

The estimated project cost is $6.7M that would, by necessity, be expended over 4 years for an annualised cost of $1,675,000.

Costs by Building

Bldg #	Building Name	Total Cost
331	Administration Building	$128,458
11	Agriculture Building	$17,554
22	Agriculture Engineering Annex	$518
12	Agriculture Engineering Building	$27,090
14	Agriculture Lecture Block	$0
151	Allen Physics Building	$109,804
355	Alumni House	$13,429
21	Animal Science Research Unit	$8,685
15	Animal Science/Entomology	$118,593
261	Architecture 2	$112,942
152	Armes Lecture Building	$44,640
157	Buller Biological Building	$140,435
371	Campus Day Care Centre	$7,131
353	Chancellor's Hall	$0
310	Continuing Education	$135,112
27	Dairy Science	$22,097
117	Drake Centre	$135,565
167	Duff Roblin Building	$244,167
211	Education Building	$166,051
321	Elizabeth Dafoe Library	$181,737
37	Ellis Building	$165,568
231	Engineering Building	$577,114
158	Fine Arts Annex	$1,576
159	FitzGerald Building - Fine Arts	$48,077
111	Fletcher Argue Building	$191,416
309	Frank Kennedy Centre	$71,132
81	Human Ecology	$104,027
333	Information Centre	$10,933
315	Investors Group Athletic Centre	$0
113	Isbister Building	$171,678
237	McMath High Voltage Lab	$13,683
155	Machray Hall	$394,221
347	Mary Speechly Hall	$124,917
316	Max Bell Centre	$33,320
283	Nursing Building	$0
153	Parker Chemistry Building	$161,109
345	Pembina Hall	$20,200
191	Pharmacy Building	$77,945
609	Physical Plant	$25,161
25	Plant Science	$77,131
39	Plant Science Field Stations	$8,320
615	Powerhouse	$18,748
251	Robson Hall	$119,037
201	Russell Building - Architecture	$98,772

271	School of Music	$46,955
273	School of Music Annex	$6,095
263	Sculpture/Ceramics Building	$7,649
337	Services Building	$0
146	Sinnott Building	$28,519
147	St. Andrews College	$85,091
141	St. John's College	$127,209
143	St. John's College Residence	$73,353
145	St. Paul's College	$160,926
617	Stores Building	$12,444
311	Swimming Pool	$9,469
341	Tache Hall - Center	$3,962
340	Tache Hall - East	$64,637
342	Tache Hall - West	$129,549
115	Tier Building	$122,206
303	University Centre	$322,126
131	University College	$123,642
133	University College Residence	$199,582
38	Vegetable Storage Building	$0
156	Wallace Building	$130,679
456	Basic Medical Sciences Building	$200,313
455	Basic Science	$77,350
454	Brodie Centre	$0
457	Chown Building	$104,337
401	Dentistry Building	$120,702
463	Immunology	$26,166
459	Former Medical Library	$62,130
451	Medical Services	$56,727
461	Pathology Building	$83,807
		$6,513,718

Number	Class of Building or Activity	Total Cost
5	Building requiring more than $200K	$1.7M
25	Building requiring between $100K and $200K	$3.5M
11	Building requiring between $50K and $100K	$0.8M
25	Building requiring less than $50K	$0.5M
	Project management costs	$0.2M
	Total	$6.7M

1. b) Upgrading Building Network Electronics

From the Campus Network Study of November 1999;

During the summer and autumn of 1999, an IST task force reviewed the network infrastructure serving the University of Manitoba *Fort Garry* and *Bannatyne* campuses, to identify the network electronics and the related costs to implement a modern and failure resilient network. 64 buildings on the *Fort Garry* campus and 9 buildings on the *Bannatyne* campus were identified for review. 28 buildings were excluded on the *Fort Garry* campus.

The assessment included the classrooms, offices, workspaces, computer laboratories, laboratories, and residences. The source of information was by reference to the *Buildings Cable Plant Study* of 1998 and the knowledge and experience of the committee membership. A physical check of the buildings was not conducted. Although this would certainly have improved the accuracy of the assessment, it was an impractical exercise within the timeframe allotted to the study with the resources at hand.

Nevertheless, as the strategic issues of funding an upgrade program are resolved, a physical review of each building must be undertaken in partnership with the building occupants.

The estimated project cost is $6.6M that would, by necessity, be expended over 4 years.

The table below includes the network electronics together with costs of the necessary and related activities, for a total four year project cost of $6.6 million or an annual cost of $1,650,000.

Summary

$ in Thousands (,000)	Year 1	Year 2	Year 3	Year 4	Total
Network Electronics *(Backbone, Building & Desktop Switches)*	$1,372	$1,372	$1,370		$4,114
Hardware Maintenance *(incremental fees as switches are installed)*	$96	$192	$288	$288	$864
Backbone Cable Plant *(Fibre, installation & termination)*	$267	$267			$534
Tax @ 8.9%	$154	$163	$148	$26	$491
Support FTE *(2 staff, includes training and office equipment)*	$150	$150	$150	$150	$600
Total	$2,039	$2,144	$1,956	$464	$6,603

Costs by Building

331	Administration Building	$104,621
11	Agriculture Building	$116,691
22	Agriculture Engineering Annex	$7,989
12	Agriculture Engineering Building	$11,611
14	Agriculture Lecture Block	$7,989
151	Allen Physics Building	$141,752
355	Alumni House	$7,989
21	Animal Science Research Unit	$7,989
15	Animal Science/Entomology	$18,856
261	Architecture 2	$64,803
152	Armes Lecture Building	$11,611
456	Basic Medical Sciences Building	$62,326
455	Basic Science	$22,479
454	Brodie Centre	$497,517
157	Buller Biological Building	$29,724
371	Campus Day Care Centre	$7,989
353	Chancellor's Hall	$7,989
457	Chown Building	$33,346
310	Continuing Education	$92,551
27	Dairy Science	$11,611
401	Dentistry Building	$36,969
117	Drake Centre	$92,551
167	Duff Roblin Building	$55,081
211	Education Building	$36,969
321	Elizabeth Dafoe Library	$196,068
37	Ellis Building	$36,969
231	Engineering Building	$322,500
158	Fine Arts Annex	$7,989
159	FitzGerald Building - Fine Arts	$15,234
111	Fletcher Argue Building	$47,836
309	Frank Kennedy Centre	$15,234
283	Helen Glass Center for Nursing	$346,945
81	Human Ecology	$18,856

463	Immunology	$7,989
333	Information Centre	$7,989
315	Investors Group Athletic Centre	$44,270
113	Isbister Building	$98,586
155	Machray Hall	$298,360
347	Mary Speechly Hall	$44,214
316	Max Bell Centre	$15,234
237	McMath High Voltage Lab	$7,989
459	Former Medical Library	$11,611
451	Medical Services	$33,346
153	Parker Chemistry Building	$47,836
461	Pathology Building	$18,856
345	Pembina Hall	$11,611
191	Pharmacy Building	$18,856
609	Physical Plant	$50,305
25	Plant Science	$15,234
39	Plant Science Field Stations	$7,989
615	Powerhouse	$11,611
251	Robson Hall	$33,346
201	Russell Building - Architecture	$33,346
271	School of Music	$15,234
273	School of Music Annex	$7,989
263	Sculpture/Ceramics Building	$7,989
337	Services Building	$50,313
146	Sinnott Building	$15,234
147	St. Andrews College	$26,101
141	St. John's College	$29,724
143	St. John's College Residence	$29,724
145	St. Paul's College	$33,346
617	Stores Building	$7,989
311	Swimming Pool	$7,989
341	Tache Hall - Center	$7,989
340	Tache Hall - East	$36,969
342	Tache Hall - West	$47,836
115	Tier Building	$29,724
303	University Centre	$274,524

131	University College	$33,346
133	University College Residence	$55,081
38	Vegetable Storage Building	$7,989
156	Wallace Building	$74,446
		$4,114,749

2. Student Open Area Lab Renewal

The annualized costs for replacement of the current inventory of instructional workstations located in open areas managed by IST, based on a three year replacement cycle, follows;

	Open Area Inventory					
Location	**PC's**	**Macs**	**Unix**	**Printers**	**Total Replacement**	**Annual Replacement**
237 Agriculture	27		4	2	$70,000	$23,333
121 Architecture 2	6	51		3	$151,500	$50,500
Dafoe	53		33	6	$196,000	$65,333
D012 Dentistry		10		2	$33,000	$11,000
330/334 Education	25	25		2	$120,500	$40,167
229A Engineering	25			3	$62,000	$20,667
351A Engineering	20			2	$48,000	$16,000
523/524 Engineering			60	2	$128,000	$42,667
107/404A Fitzgerald		21		2	$60,500	$20,167
182 CEC	24			2	$56,000	$18,667
107 Human Ecology	28			3	$68,000	$22,667
112-115 Machray Hall	35	53	82	6	$390,500	$130,167
121 St Johns	7	7		1	$35,500	$11,833
131 St Pauls	13	8		1	$50,000	$16,667
233 University College	24	24		2	$116,000	$38,667
208 Brodie	24			1	$52,000	$17,333
MCC	48			2	$104,000	$34,667
	359	199	179	42	$1,741,500	$580,500

Note 1: Replacement costs based on a three year replacement cycle

Note 2: Unit replacement costs;

PC	$2,000
Mac	$2,500
Unix	$2,000
Printer	$4,000

Note 3: Annual costs do not include lease interest

Note that these estimated equipment renewal costs do not include renewal of instructional machines owned and controlled directly by faculties rather than IST. An audit of installed equipment in faculty owned teaching areas would be required to get those numbers.

3. Technology in Classrooms

The following table, taken from the report "Model of Service for the Use of Information technologies in Teaching" prepared by IST staff in July of 1998, shows the costs of upgrading classrooms with new technologies to provide the opportunity for blending traditional approaches to teaching with alternative delivery options, whether for on campus or off campus learners. This environment exploits the convergence of technologies including computing (*computers, software, services*), communications (*telephony, cable, satellite, wireless*) and content (*courseware, publishing, information*). The result is an interactive, multimedia learning environment capable of delivering course and program content.

Together there are 400+ classrooms providing 20,000+ seats on the Fort Garry and Bannatyne campuses. This report classified known classrooms by size into three groupings;

1. Large – seating for 150 or more people. *Example – 200 Fletcher Argue, Theatre A.*
2. Medium – seating for 81 to 149 people. *Example Armes lecture theatres, Theatre B.*
3. Small – seating for up to 80 people – *Example – 308 Tier, 217 Wallace.*

Costs were developed based on standard configurations for each category of classroom. The total cost is $9,480,000. A reasonable implementation time would be four years for an annualized cost of $2,370,000.

	Classroom Technology Cost Projection
Human Resources	
Technician 3 - computer coordinator	$55,000
Technician 2 - field technician	$45,000
	$100,000
Large classrooms	
Includes video/data display system audio reinforcement, controls overhead projection. Network connectivity, smart podium.	
Unit cost is $66,000	
25 rooms at Fort Garry	$1,650,000
5 rooms at Bannatyne	$330,000
	$1,980,000
Medium Classrooms	

Includes video/data display system audio reinforcement, controls overhead projection. Network connectivity, smart podium. Unit cost is $41,000 100 rooms on both campuses	$4,100,000
Small classrooms Includes video/data display system audio reinforcement, controls overhead projection. Network connectivity, smart podium. Unit cost is $20,000 170 rooms on both campuses	$3,400,000
Total	$9,480,000

4. Library Public Access Workstation Replacement

The annualized cost of Library public access workstation replacement, based on a three year replacement cycle, follows;

Location	Library Public Access Workstations Number	Annual Replacement Cost	Total Replacement Cost
Agriculture	37	$24,667	$74,000
Architecture	12	$8,000	$24,000
Dafoe	81	$54,000	$162,000
Education	28	$18,667	$56,000
Engineering	26	$17,333	$52,000
Law	10	$6,667	$20,000
Management	32	$21,333	$64,000
Music	3	$2,000	$6,000
Maclean library	83	$55,333	$166,000
Science	64	$42,667	$128,000
St Johns	4	$2,667	$8,000
St Pauls	5	$3,333	$10,000
St Boniface	7	$4,667	$14,000
Victoria GH	1	$667	$2,000
HSC Satellites	3	$2,000	$6,000
	396	$264,000	$792,000

Note 1: Replacement costs based on a three year replacement cycle

Note 2: Unit replacement costs;

PC $2,000

Note 3: Total replacement cost does not include lease interest

UNIVERSITY
OF MANITOBA

Senate
Senate Chamber
Room 245 Engineering Building
WEDNESDAY, October 4, 2000
1:30 p.m.

ADDENDUM TO AGENDA

V MATTERS FORWARDED FOR INFORMATION

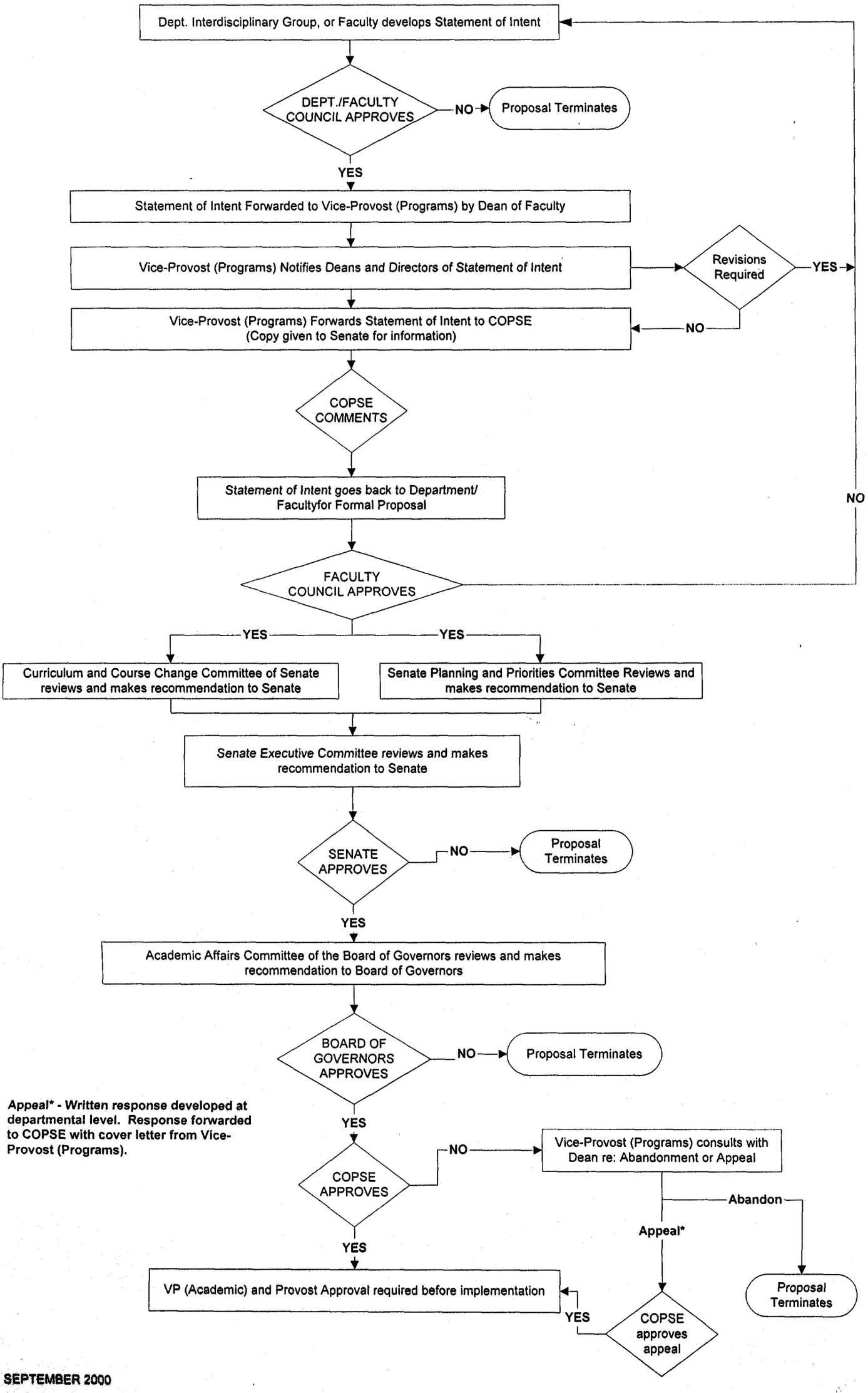
1. UM/COPSE New (or Substantial Change)
Program Approval Process - Undergraduate

2. UM/COPSE New (or Substantial Change)
Program Approval Process - Graduate

/sgp

UM/COPSE NEW (or Substantial Change) PROGRAM APPROVAL PROCESS - UNDERGRADUATE

A New Program is a program that is newly established and implemented by a Manitoba post-secondary institution, or one that contains significant modifications (for example, a program for which a new credential is awarded) from a pre-existing program. For more information on the approval process, please consult Policy 413 - and Policy 413 Appendix A & B for format.

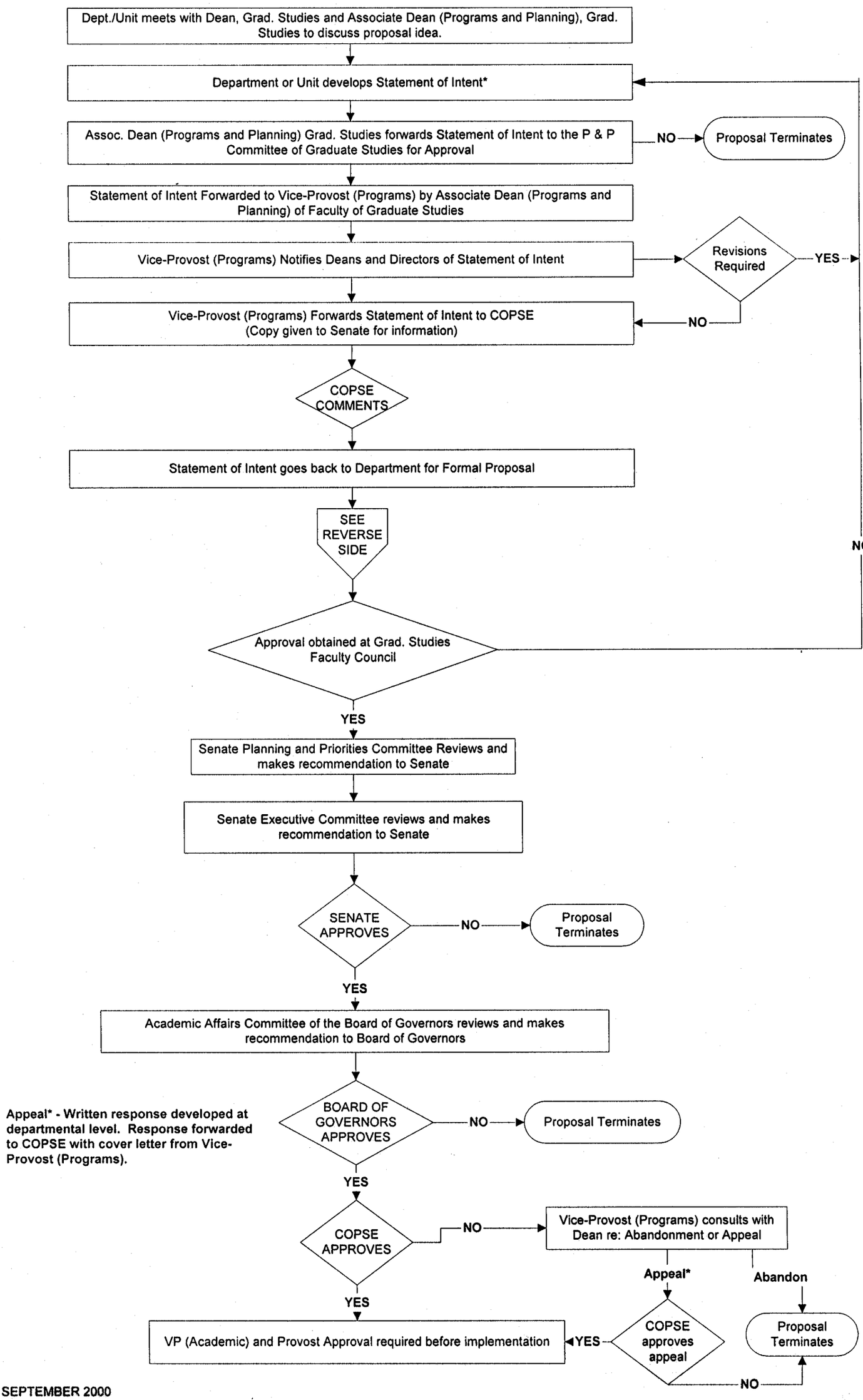


Appeal* - Written response developed at departmental level. Response forwarded to COPSE with cover letter from Vice-Provost (Programs).

SEPTEMBER 2000

UM/COPSE NEW (or Substantial Change) PROGRAM APPROVAL PROCESS - GRADUATE

A New Program is a program that is newly established and implemented by a Manitoba post-secondary institution, or one that contains significant modifications (for example, a program for which a new credential is awarded) from a pre-existing program. For more information on the approval process, please consult Policy 413 - and Policy 413 Appendix A & B for format. Refer also to the Program Submission and Approval Procedures Flowchart of the Faculty of Grad. Studies web page: http://www.umanitoba.ca/faculties/graduate_studies/programs/flowchart.htm.

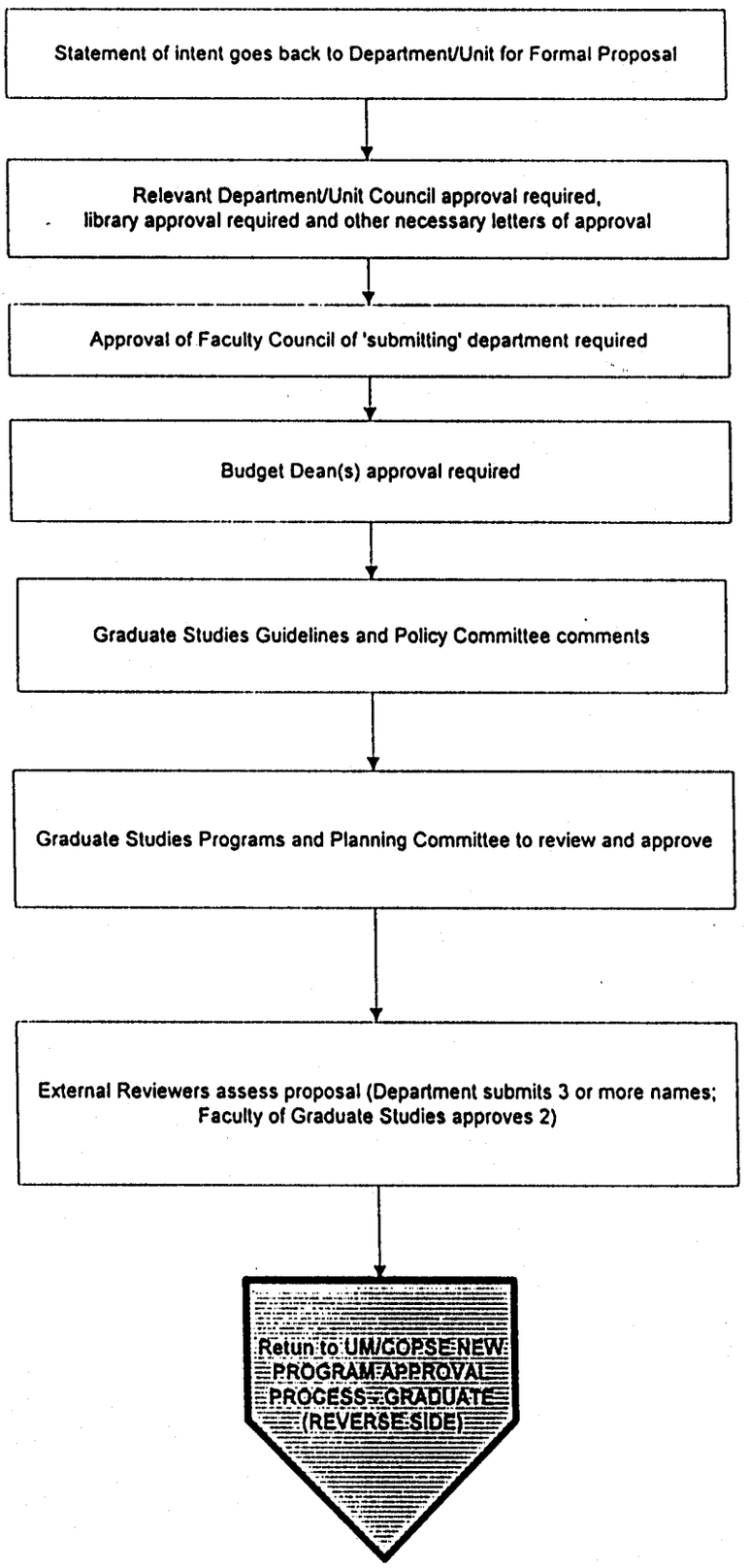


Appeal* - Written response developed at departmental level. Response forwarded to COPSE with cover letter from Vice-Provost (Programs).

SEPTEMBER 2000

PROGRAM APPROVAL PROCESS - GRADUATE
FACULTY OF GRADUATE STUDIES INTERNAL PROCESS

For a detailed listing of the internal processes of Graduate Studies Program Approval, please refer to the Graduate Studies Web Site: htt;://www.umanitoba.ca/faculties/graduate_studies/programs/flowchart.htm



PRESIDENT'S REPORT: 4 October 2000

My last report to Senate was submitted for its meeting on June 28, 2000. This report is organized into two sections. Part A deals with Academic, Research, Administrative and External matters. Part B is the President's Activity Report, which details her external activities only.

PART A

I. ACADEMIC MATTERS

Sample of Activities and Special Achievements

Faculty of Architecture

- Three students, Mr. Elton Lang, Ms. Tracey Hall and Ms. Keri Koch represented the Interior Design program at the University of Manitoba in the Herman Miller National Design Competition. Tracey Hall placed third, with Keri Koch winning an Erin Chair.

- Mr. Paul Wiste (M. Architecture student) has received a "mention" in the Commonwealth Association of Architect's 5th Student Design Competition for an Eco-Friendly Traveller's Hotel for the project he completed in the Churchill Studio in Autumn 1999 (Professor Rafael Gomez-Moriana and Ms. Carolynn Wilson, studio instructors).

- The Partners Program, under the directorship of Professor Faye Hellner, won a gold medal in the category Best Private Sector Partnership as part of the 2000 CCAE Prix d'Excellence annual awards program sponsored by the Canadian Council for the Advancement of Education (CCAE). The awards program recognizes outstanding achievement in alumni affairs, public affairs, development, student recruitment and innovative partnerships with the private sector. CCAE represents more than 170 post-secondary institutions in Canada.

- The Department of City Planning is a member of the Consortium on Globalized Urban Environments with partners in Canada in the planning schools at York University and l'Université de Montréal. The Consortium has been awarded approximately $200,000 over three years by the Canadian-European Community Programme for Cooperation in Higher Education and Training. Students spending a term at one of our European Union partners - Universität Dortmund, Germany; Universidade de Averio, Portugal and l'Université de Grenoble II, France - will receive support for travel and living expenses.

- Following development work by Basil Rotoff, the Department of City Planning

has entered into a collaborative agreement with the Universidad Mayor de San Andres, Bolivia. Funding is being pursued to support an infrastructure impact study in the Pando region.

Faculty of Arts

- As part of the Faculty's plan to enhance public relations and recruitment strategies, the Dean's Office has completely redesigned the Arts Web Pages, with bright new colours, better layout, easier links, and more comprehensive information. The new Arts Website can be visited by selection of "Academic Units" on the University's home page or by addressing (www.umanitoba.ca/faculties/arts).

- Department of Psychology students have been very active between March-August 2000 in communicating their research findings. A total of 49 paper and poster presentations were made in a variety of symposia in 9 different venues. These included (1) the International Congress of Psychology, Stockholm, Sweden, (2) the Canadian Psychological Association Convention, Ottawa, (3) Development 2000 Conference on Developmental Psychology, Waterloo, ON, (4) American Educational Research Association Conference, New Orleans, (5) Association for Behavior Analysis 2000 Annual Convention in Washington, DC, (6) Canadian Pain Society Conference in Banff, AB, (7) Administrative Sciences Association of Canada/International Federation of Scholarly Associations of Management Conference, Montreal, (8) Red River Valley Psychology Conference, Fargo, ND, and (9) Midwest Association for Behavior Analysis and Therapy, Mankato, MN.

Division of Continuing Education

- External Partnerships - Faculty of Nursing & West China University:

  • Project work continues toward the successful September 2000 delivery (by classroom and distance education) of West China University of Medical Sciences (WCUMS) first degree program for certificate-prepared nurses. Under the direction of Dr. Cynthia Cameron, Faculty of Nursing, and in collaboration with Continuing Education's Distance Education, the project is now in its final (5^{th}) year. Funding is provided by the Special University Linkage Consolidation Program and the Canadian International Development Agency (CIDA).

- In partnership with local School Divisions, the Continuing Education Division (CED) will deliver six University 1 credit courses in three Winnipeg high schools, Sisler, Shaftsbury, and Oak Park, beginning this fall.

Courses in Anthropology, History, Geography, Psychology, and Computer Science will give students an opportunity to get a head start on their university studies.

- CED's four week Marketing Campaign begins August 1st. The campaign includes a variety of complementary media to strengthen the impact and message, "click to learn more" centred around the CED web site address. The purpose of the campaign is to increase awareness and remind potential students that CED at the U of M can meet their learning needs. Media will include a full colour banner ad in the Free Press Continuing Education supplement, supported by 13 billboards around the city as well as the "bus back" and interior transit ads.

- Management Development Programs (partnership of I.H. Asper School of Business and Continuing Education Division) is offering an expanded array of programs this year for middle, senior, and high potential managers. The Program offers a 12-week series of basic concepts and practices of business management.

Enrolment

- At the end of the course change period, enrolment is almost 900 students higher than at the same time in 1999: 22,368 students compared to 21,481 last year. This represents an increase of 4.1% over last year.

  Two-thirds of the increase is made up of full-time students, hence the number of credit hours has also increased, from 431,525 to 450,072. This represents an increase of 4.3% over last year.

- There are 3,258 new students in University 1 in 2000, compared to 3,006 last year (8.4% increase). Enrolment increases in Arts and Science are up by 2.4% and 3.3%, respectively. In Nursing, enrolment is up by 20.4%, whilst in Social Work, enrolment has grown by 36.6%.

- Graduate enrolment has increased by 0.4% - the first growth recorded over the past five years. The largest enrolments in graduate programs are in Nursing (28.8%), Social Work (15%) and Management (11.6%).

II. RESEARCH MATTERS

Honours and Distinctions

- Dr. Naranjan Dhalla, Physiology, and director of the Institute of Cardiovascular

- Dr. Timothy Anna, History, has been named the recipient of the Winnipeg Rh Institute Foundation Medal for 2000. Dr. Anna's field of research expertise is in the area of Latin American history and he is considered one of the world's leading scholars in 19th century Mexican political history.

- Dr. Peter McLaren, Electrical and Computer Engineering, and the Winnipeg-based company, Vansco Electronics, have won a 2000 University-Industry Synergy R&D Partnerships Award. Currently, Vansco Electronics is marketing digital signal processing hardware that is used to sense and correct problems in power systems. This hardware was based on ideas and techniques that were developed at the University of Manitoba. The award, which is sponsored by the Natural Sciences and Engineering Research Council of Canada and The Conference Board of Canada, recognizes effective use of university and industry human and technical resources, including evidence of high quality research, superior management, innovation, creativity, and entrepreneurship.

Appointments

- Dr. Joanne Keselman, Vice-President (Research), has been appointed as a member of the Natural Sciences and Engineering Research Council of Canada (NSERC) Council. With an annual budget of $550 million, NSERC is the national instrument for making strategic investments in Canada's capacity in science and technology. NSERC reports to Parliament through the Minister of Industry and is governed by a 22 member council selected from the private and public sectors and universities.

- Dr. Gary Glavin, Associate Vice-President (Research), has been appointed as a member of the first Canadian Institutes of Health Research (CIHR) Governing Council. On June 7, Health Minister Allan Rock officially launched the CIHR which replaces the former Medical Research Council of Canada.

- Dr. Charlyn Black, Community Health Services and co-director of the Manitoba Centre for Health Policy and Evaluation, will be joining the Canadian Institutes of Health Research (CIHR) as a Special Advisor to the President. This is a joint appointment with the Canadian Institute of Health Information (CIHI). Dr. Black will assist these institutes by identifying opportunities to build capacity in critical areas of health system and services research, population health, and population based clinical research. As well, she is encouraging the development of CIHI data and information programs and infrastructure to provide a unique national platform for conducting research relevant to the CIHR's mandate, and identifying and advising on other opportunities and programs that will support the development of complementary activities between the two institutes.

Grants Received

The results of the most recent round of competitions for funding from the Canada Foundation for Innovation (CFI) were announced over the summer months. New researchers at the University secured $1.8 million in funding from the CFI's New Opportunities award category. They are as follows:

- Dr. Heather Benson, Pharmacy, received $193,865 for a skin research facility that will focus on researching novel drug delivery systems.

- Dr. Pavel Dibrov, Microbiology, and Drs. John Markham and Sylvie Renault, Botany, received $160,815 for equipment that will be used to identify how plants and microbes adapt to environmental stresses such as salt and cold, and how these organisms affect the environment.

- Dr. Keith Fowke, Medical Microbiology, received $133,163 to work on developing a vaccine against sexually-transmitted diseases.

- Dr. Spencer Gibson, Manitoba Institute of Cell Biology, and Dr. Etienne Leygue, Biochemistry and Medical Genetics, received $306,548 for the identification of targets for the prevention and treatment of breast cancer.

- Dr. David Lobb, Soil Science, received $199,925 to study innovative tilling equipment, practices and systems.

- Dr. Meera Singh, Mechanical and Industrial Engineering, received $193,445 to test and analyze civil structures under test loads that reflect actual environmental conditions.

- Drs. Michel Toulouse, John Anderson, Sylvanus Ehikioya, and Rasit Eskicioglu, Computer Science, received $175,345 to study and design improvements in the application of e-commerce, Internet performance and industrial scheduling.

- Dr. Gary Wang, Mechanical and Industrial Engineering, received $200,000 to create a rapid prototyping laboratory for research and innovation in manufacturing, especially in the area of electronics and electrical components.

- Dr. Anthony Wright, School of Medical Rehabilitation, received $199,617 to establish three integrated laboratories dedicated to the study of pain and the alleviation of pain through rehabilitative strategies.

In addition, the University secured $4.4 million in funding from CFI's Innovation Fund program for projects led by eight University researchers. They are as follows:

- $685,748 to support systems-based field research in sustainable cropping systems. Led by Martin Entz, Plant Science, the goal is to create cropping systems that rely less on tillage and commercial fertilizers and pesticides, as well as using less water and achieving higher yields.

- $112,200 for the creation of a networked database containing information on the approximately one million insect specimens contained within the J.B. Wallis Museum that researchers from around the world can access, under the direction of Robert Roughley, Entomology. The collection is the third largest in Canada that focuses on Manitoba insects as well as portions of adjacent provinces and territories.

- $239,408 to allow laboratory testing of the phenomenon of "galloping," which is when ice builds up on transmission lines and, when coupled with winds, it causes unpredictable motion in the lines. Headed by Greg Naterer, Mechanical and Industrial Engineering, the goal of the research is to more accurately predicting the conditions under which galloping occurs and how to alleviate them.

- $948,293 for the extension of capabilities in the antenna laboratory, which is under the direction of Lotfollah Shafai, Electrical and Computer Engineering, to include research capability in the rapidly-expanding area of microfabricated software-adaptive antennas. The challenge of this research is to design antennas that can overcome the hurdles thrown up by tall buildings, trees and other man-made obstacles while still providing the required transmission speed and accuracy.

- $423,854 to acquire equipment that will enable a team led by Leigh Murphy, Biochemistry and Medical Genetics, to take maximum advantage of the unique Manitoba Breast Tumor Bank. The bank, which contains tumor samples from over two decades of cancer cases, gives researchers the opportunity to profile early changes in genetic material that signal the start of malignancy. This research has the enormous potential to provide very early cancer diagnosis.

- $777,309 for the creation of a centre for genetic models of human disease, under the direction of Robert Shiu, Physiology. Genomics research requires sophisticated gene technology. With the ability to add or delete genes of interest into stem cells, researchers can further their knowledge about the cause of human diseases and work to develop more effective disease treatment.

- $605,242 to create a centre for proteomics, a branch of research designed to explore the vast amount of genetic information for the precise nature of gene function and how these functions interact in the disease process, under the direction of John Wilkins, Internal Medicine. The cause of most diseases has a

genetic aspect and a research centre like this will enable researchers to explore genetic origins.

- $615,630 for the purchase of an electron microprobe which will enable Frank Hawthorne, Geological Sciences, and his world-renowned research team to characterize crystals and rare-metal minerals as well as optimizing gold recovery in mineral beneficiation. In total, these two competitions will result in an infusion of over $15M in new research infrastructure at the University. Events celebrating these awards were held in late August.

Related Initiatives

- A millennium publication honouring one of the University's most distinguished graduates and medical research visionary was launched on June 21 at the Basic Medical Sciences Building. Dr. Paul. H.T. Thorlakson: Surgeon, Benefactor, Visionary recognizes Dr. Thorlakson's influence on medical research and education in Manitoba through a historical perspective starting with the establishment of the Manitoba Institute for the Advancement of Medical Education in 1943 to the current fund at the University. The book, which will be sent to each of the funding recipients, was edited by Ms. Roberta Koscielny, Research Promotion Officer, and published by the Office of the Vice-President (Research). Over 70 people were present at the launch including members of the Thorlakson family, University administration, and both past and present ding recipients.

III. ADMINISTRATIVE MATTERS

A number of construction projects are underway. These include:

- On the Ft. Garry campus: (1) $19 million chiller facility in front of the powerhouse on Maclean Crescent, and (2) the sidewalk on the south side of Chancellor Matheson Road, from University Circle to Pembina Highway. The sidewalk construction is part of the ongoing beautification of Chancellor Matheson Road project, which is supported by donations and non-operating grants;

- Expansion of the Elizabeth Dafoe Library for the Icelandic Collection ($1.65m), which is funded by the Government of Iceland, Eimskip Shipping Ltd. and the University of Iceland as well as other private donors;

- Research facilities on the Ft. Garry campus: (1) the Centre for Architecture and Structural Technology (CAST) building on Dafoe Road ($1.m), in front of Architecture 2, which is funded by CFI, MFI and a variety of university and

private sponsors, and (2) the grain storage facility south of the Biosystems Engineering Building ($4m), which is also supported by CFI, MFI and other funds;

- Research facilities on the Bannatyne campus : (1) the Centre for Genetic Models of Human Disease ($1.9m) in the Brodie Center, supported by CFI, MFI and other funds, and (2) Centre for Health Policy and Evaluation ($3.1m), also in the Brodie Center, and also supported by CFI, MFI and other funds.

IV. EXTERNAL MATTERS: SPECIAL EVENTS AND COMMUNICATIONS

Division of External Affairs Highlights

- Homecoming 2000, which welcomed the "return to the herd" of the grads of 1930, 1940, 1950 and 1975 was accompanied by more than 16 Faculty and School reunions, some of which included graduates from other years as well. Over 600 people attended the gala Homecoming 2000 banquet held at the Lombard Hotel on September 23, which is double the number of alumni at the Homecoming banquet of 1996.

- The Bisons Football team won 41-7 over the Saskatchewan Huskies in the annual Homecoming game. Attendance was estimated at around 1300 people.

The semi-annual report of the External Relations Division comprises part of the Board's September agenda. The items below are singled out for special attention.

- Elaine Goldie, Executive Director (External Relations) received the Distinguished Service Award of the Canadian Council for the Advancement of Education (CASE) in June, 2000.

- The *Bulletin* earned the Bronze Award from the Canadian council for the Advancement of Education in June as the "Most Improved Newspaper".

- As of August 31, 2000, $8.995 million has been receipted by the Department of Private Funding.

Highlights of the President's Activities

- In August, the President, Mr. Soubry and Mr. McAdam met with the Minister of Education and Training, and the Minister of Finance to discuss issues of importance to the University.

- In early August the University was honoured by a visit of the Governor General, Mme. Adrienne Clarkson, and her spouse, John Ralston Saul, to the Bannatyne campus. Their interest was in the University's ACCESS programs, hence a round table was arranged with some graduates of these programs. Over the past 25 years, the University has graduated a third of the 100+ engineers of aboriginal background in Canada, as well as 20 physicians, 50 lawyers, almost 200 social workers and over 250 teachers, respectively.

- The President made a presentation, followed by a written submission, to the Liberal Caucus on Post-Secondary Education during its visit to Winnipeg in September. More funding for universities was the purpose of the presentation. However, among the latter, funds to cover the indirect costs of research, estimated to be around 40% of the direct costs, was highlighted.

- International affairs received considerable attention during the summer and in early September. These included visits to Hungary and Iceland, respectively. A new Academic Exchange agreement was signed with Pázmány Péter Catholic University (Budapest), and renewed agreements were signed with Sagami Women's University and Saitama University, both in Japan. The President of King Faisal University visited the University to discuss student exchange and programming matters in which The University of Manitoba can provide assistance.

  The visit to Iceland included the President's delivering an address at the Opening Ceremony of the University of Iceland, at which Dr. Baldur Stefansson, Professor Emeritus (Plant Science), was awarded an honorary doctorate.

- Several events honouring major benefactors of The University were held during the latter part of June and the summer months. These included the launch of the Paul H. Thorlakson Millenium publication and reception, a dinner in honour of Dr. Stanley Cheung (Ph.D., Agriculture and Food Sciences), and opening of the Elizabeth Dafoe Technology Resource Centre, which was created through a gift of David and Rosemary Malaher.

- The normal round of orientation sessions for new academic administrators and new faculty, and accompanying receptions have occurred in late August, early September. Two special receptions were held in August, at the request of the Canada Foundation for Innovation, to announce recipients of New Opportunities and Innovation Fund awards.

PART B

President's Activity Report

The report details the President's involvement in events that have a significant number of participants external to The University of Manitoba, or which are important to the operation of the University. The diversity of events, small and large, illustrates the levels at which The University of Manitoba must have a presence.

PART B - Notable Events (External)

Emőke J. E. Szathmáry

Saturday, June 17, 2000

- Attend reception for Celebration of The National Day of Iceland

Tuesday, June 20, 2000

- Meet with members of Manitoba Chambers of Commerce
- Meet with Deputy Minister of Health, Province of Manitoba & Assistant Deputy Minister, Insured Benefits, Provincial Drug Program and Labour Market Services
- Host dinner and lead tour of Fort Garry campus for members of the Business Council of Manitoba

Wednesday, June 21, 2000

- Provide remarks at Launch of Paul H. Thorlakson Millennium Publication
- Provide remarks at Annual General Meeting of University of Manitoba Alumni Association

Friday, June 23, 2000

- Attend meeting of St. Boniface Hospital Board of Directors

Sunday, June 25, 2000

- Provide opening remarks at the inaugural Agassiz Music Festival

Thursday, June 29, 2000

- Provide remarks at Official Opening of Churchill Dental Clinic, Churchill, Manitoba

Wednesday, July 5, 2000

- Meet with Dr. Magda Kovács, President of Gábor Dénes College, Budapest, Hungary
- Attend lunch with faculty and afternoon tour of Gábor Dénes College
- Meet with Prof. C. Horváth, Gábor Dénes College
- Attend dinner at home of Dr. Magda Kovács, President, Gábor Dénes College

Thursday, July 6, 2000

- Meet with Dr. L. L. Szigeti, Co-Director, Canadian Studies Centre, Pázmány Péter Catholic University

Monday, July 10, 2000

- Meet with Bishop Peter Erdős, Rector of Pázmány Péter Catholic University (PPCU), Budapest, Hungary and sign Academic Exchange Agreement
- Meet with Prof. Marcel Szabó, International Officer, Pázmány Péter Catholic University

Tuesday, July 11, 2000

- Meet with Dean Ida Froehlich, Faculty of Humanities, Pázmány Péter Catholic University
- Meet with Dr. Éva Martonyi and Dr. L. L. Szigeti, co-directors of the Canadian Studies Centre, members of the Centre, and Deputy Dean, M. A. Bodor
- Tour Piliscsaba campus, Pázmány Péter Catholic University

Wednesday, July 12, 2000

- Meet with Dean J. Radnai, Faculty of Law, Pázmány Péter Catholic University
- Meet with Rev. B. Tarjányi, Dean of Theology, Pázmány Péter Catholic University

Monday, July 17, 2000

- Meet with Dean T. Roska, Faculty of Information Science, Pázmány Péter Catholic University
- Meet with Prof. Marcel Szabó, International Officer, Pázmány Péter Catholic University

Wednesday, July 19, 2000

- Meet with Canadian Ambassador of Canada, Ms. Marta Mosczenska and other members of Canadian Embassy

- Meet with Dr. L. L. Szigeti, Co-Director, Canadian Studies Centre, Pázmány Péter Catholic University

July 31, 2000

- Attend dinner in honour of Governor General Adrienne Clarkson and John Ralston Saul

Tuesday, August 1, 2000

- Host dinner for Dr. Stan Cheung, University alumnus and benefactor

Wednesday, August 2, 2000

- Meet with The Honourable Drew Caldwell, Minister of Education & Training (Mr. P. M. Soubry attending) and The Honourable Greg Selinger, Minister of Finance, Deputy Minister Ben Levin

Thursday, August 3, 2000

- Provide remarks regarding ACCESS programs at roundtable meeting with Governor General Adrienne Clarkson, John Ralston Saul (Chancellor Mauro attending)

- Provide remarks at ceremony, with Gov. Gen. Adrienne Clarkson and John Ralston Saul, highlighting ACCESS Programs at the University of Manitoba

Friday, August 4, 2000

- Meet with Olafur Ragnar Grimsson, President of the Republic of Iceland

- Provide remarks at Bassett Falk Award presentation, and attend reception held by the donors.

- Attend State Dinner in honour of His Excellency Olafur Ragnar Grimsson, President of the Republic of Iceland, hosted by Gov. Gen. Adrienne Clarkson & John Ralston Saul

Friday, August 11, 2000

- Present certificates at Curry Biz Camp Graduation

Monday, August 14, 2000

- Meet with Dr. Yussef Al-Gindan, President King Faisal University

- Attend dinner in honour of Dr. Yussef Al-Gindan, President King Faisal University

Tuesday, August 15, 2000

- Meet with Gary Filmon, annual discussion about the state of The University of Manitoba

Monday, August 21, 2000

- Chair meeting of Council of University Presidents of Manitoba (COPUM)

Thursday, August 24, 2000

- Meet with Prof. Hirokawa, Sagami Women's University and students from Japan to sign Exchange Agreement

- Attend installation of V. James Weisgerber as Archbishop of Winnipeg

Tuesday, August 29, 2000

- Provide remarks at meeting of National Liberal Caucus Committee on Post Secondary Education

- Participate in telephone conference meeting of Standing Advisory Committee on University Research, Association of Universities and Colleges of Canada

Wednesday, August 30, 2000

- Provide remarks at Canada Foundation for Innovation New Opportunities Awards Announcement

- Meet with Dr. Ben Levin, Deputy Minister of Education, Province of Manitoba

Thursday, August 31, 2000

- Provide remarks Canada Foundation for Innovation, Innovation Awards Announcement

- Host reception for new faculty, 37 King's Drive

Tuesday, September 5, 2000

- Attend signing ceremony and provide remarks, Saitama University exchange agreement

- Provide remarks at the Official Opening of the Elizabeth Dafoe Technology Resource Centre

Thursday, September 7, 2000

- Meet with Head of Department of English, University of Iceland
- Meet with University Librarian, University of Iceland
- Meet with Head of Institute for Anthropological Research, University of Iceland

Friday, September 8, 2000

- Deliver Distinguished Speaker's address at the Annual Opening Ceremony, University of Iceland, Reykjavik
- Attend dinner in honour of recipients of Honorary Doctorates at the Opening Ceremony

Saturday, September 9, 2000

- Attend dinner at home of Björn Bjarnason, Minister of Education of Iceland

Thursday, September 14, 2000

- Travel to Saskatoon, Saskatchewan to attend Council of Western Canadian University Presidents (COWCUP) meetings

- Attend reception and dinner for members of COWCUP

Friday, September 15, 2000

- Attend COWCUP meetings

Saturday, September 16, 2000

- Homecoming Football Game kick-off

Monday, September 18, 2000

- Lunch with Peter Godsoe, CEO of The Bank of Nova Scotia, Dean Jerry Gray and other guests, Faculty of Management

Friday, September 22, 2000

- Attend installation of the new Chancellor of St. Paul's College, Archbishop J. Weisgerber

- Drop in at Homecoming reception, Faculty of Engineering

Saturday, September 23, 2000

- Host Annual Isbister Legacy Society Tea, and welcome guests
- Provide welcoming remarks at Homecoming Gala Dinner

Sunday, September 24, 2000

- Host President's Lunch and provide remarks to the grads of 70 and 60 years ago (Homecoming 2000)

Monday, September 25, 2000

- Chair meeting of the Council of Presidents of the Universities in Manitoba

October 3, 2000

Report of the Senate Committee on Nominations with Respect to Student Nominees to Senate Committees

Preamble

The terms of reference for the Senate Committee on Nominations (SCN) are found in Section 8.31 of the *Senate Handbook*. Each year the SCN delegates the nomination of students to Standing Committees of Senate to the students on the Committee who form a Student Nominating Sub-Committee.

Observations

1. The Sub-Committee sought student volunteers through a variety of sources, including the Student Senate Caucus, *The Manitoban* and solicitation of interested students. This process began in late July, 2000.

2. The Sub-Committee was able to find volunteers for the majority of the available positions on Senate Committees. Further recommendations will be presented for Senate's consideration at the November meeting of Senate.

3. Several student positions on Senate Committees specify that the incumbent(s) must be (a) graduate student(s). It has been traditional for these nominations to emanate from the Graduate Students' Association. These recommendations have not yet been received; therefore, a supplemental report will be provided to Senate when nominations have been received.

4. The Committee wishes to thank those students who continue to make contributions to University Governance and to faculty members who kindly suggested names to the Sub-Committee.

Recommendation

That Senate approve the list of student nominations to Senate Committees as detailed in Appendix A of the Report of the Senate Committee on Nominations dated October 3, 2000.

Respectfully submitted,

Professor B. Dronzek, Chair, Senate Committee on Nominations
Jeff M. Leclerc, Chair, Student Nominating Sub-Committee

jml

APPENDIX A

Committee	Name	Faculty	Term Ending
Senate Committee on Academic Computing	TBA		14.10.02
	TBA	Graduate Studies	14.10.02
	TBA		14.10.01
Senate Committee on Academic Dress	Ms Heather McKeen (S) (R)	Arts	14.10.01
	Mr. Jeff Leclerc (S)	Education	14.10.01
Senate Committee on Academic Freedom	Mr. Patrick Saydak (S)	Arts	14.10.01
	Mr. Jeff Leclerc (S) (R)	Education	14.10.01
Senate Committee on Academic Review	TBA		14.10.01
	TBA		14.10.01
Senate Committee on Admissions	Ms Karen Inskip (S)	Education	14.10.01
	Mr. Scott MacLeod	University 1	14.10.01
	TBA		14.10.01
Senate Committee on Admission Appeals	Mr. Garth Hilderman (S)	Arts	14.10.01
	TBA		14.10.01
Senate Committee on Animal Care Policy	Mr. Kevin Toyne	Law	14.10.02
	TBA	Graduate Studies	14.10.01
Senate Committee on Appeals Regular Members	Mr. Jeff Leclerc (S) (R)	Education	14.10.01
	Mr. Patrick Saydak (S) (R)	Arts	14.10.01
	TBA (S)		14.10.01
Alternate Members	Mr. Scott Macleod	University 1	14.10.01
	Mr. Michael Kowalson	Continuing Education	14.10.01
Senate Committee on Awards	Mr. Donald Taruc	Management	14.10.01
	Mr. Kristoffer Aslack	Management	14.10.01
	TBA		14.10.01

Senate Committee on the *Calendar*	Ms Karen Inskip (S)	Education	14.10.01
Senate Committee on Curriculum and Course Changes	Ms Jen Daman (S)	Nursing	14.10.01
	Mr. Scott MacLeod	University 1	14.10.01
	TBA		14.10.01
Senate Committee on the Ethics of Research Involving Human Subjects	Mr. Kevin Toyne (R)	Law	14.10.01
	TBA	Graduate Studies	14.10.01
Senate Committee on the Libraries	TBA	Graduate Studies	14.10.02
	Mr. Kevin Toyne	Law	14.10.02
Senate Committee on Nominations	Mr. Jeff Leclerc (S) (R)	Education	14.10.01
	Mr. Brent Neill	University 1	14.10.01
Senate Planning and Priorities Committee	Mr. Farzan Ali (R)	Science	14.10.02
	Mr. Brent Neill	University 1	14.10.02
Senate Committee on Rules and Procedures	Jeff Leclerc (S)	Education	14.10.01