

*University of Waterloo
SENATE*

Minutes of the Monday, November 20, 2006 Meeting

Present: David Johnston (Chair), Lois Claxton (Secretary), Robert Allie, Jean Andrey, David Barton, Claire Bazley, Ranjana Bird, Stephen Birkett, Steve Brown, Brian Capstick, Amit Chakma, Tom Coleman, Tristanne Connolly, John Crossley, Antero Da Silva, Kate Daley, Tom Duever, Fraser Easton, Peter Forsyth, Mardon Frazer, James Gollnick, Mariela Gutiérrez, Mark Haslett, Dennis Huber, Beth Jewkes, Duane Kennedy, Tim Kenyon, Ken Lavigne, Robert Le Roy, Eric Logan, Harriet Lyons, Roger Mannell, Atefeh Mashatan, David Matthews, Christine McWebb, Elizabeth Meiring, Ciprian Mihalcea, Bruce Mitchell, Stephen Murphy, Henry Paetkau, Jim Pankratz, Bill Power, Marek Ratajczak, Sharon Robertson, Deep Saini, Gerry Schneider, Adam Schubert, Adel Sedra, Selva Selvakumar, James Skidmore, Craig Sloss, Russ Snyder-Penner, Aaron Stauch, Douglas Stebila, Donna Strickland, Myroslaw Tataryn, Susan Tighe, Michelle Zakrison, Frank Zorzitto

Peggy Jarvie, Flora Ng, Robert Shipley, Jake Sivak, Kelley Teahen, Bob Truman, Bud Walker

Absent: Graham Brown*, Ken Coates*, Caustan De Riggs, George Dixon*, Sherry Dupuis*, Pierre Fillion, Roydon Fraser, Alan George*, Bob Harding*, Mary Hardy, Janice Husted, Richard Kelly, Scott Kline*, Mike Lazaridis*, Robert Mann, Tracy Peressini, Catherine Rosenberg, Scott Taylor, Tony Vannelli, Geoff Wall*, Johnny Wong

*regrets

OPEN SESSION

Consent Agenda

Senate heard an omnibus motion to approve or receive for information by consent items 1-4 [below].

Coleman and Mannell.

1. APPROVAL OF MINUTES

The October 16, 2006 minutes were approved as distributed.

2. REPORT OF THE CHAIR

Recognition and Commendation. Senate received this report for information.

3. REPORTS FROM THE FACULTIES AND ST. PAUL'S UNITED COLLEGE

Senate received these reports for information.

4. OTHER BUSINESS

Committee Appointments/Reappointments. Senate approved the following appointments/reappointments*: Award for Exceptional Teaching by a Student – *Monica Barra (Chemistry) as a faculty representative and Robert Allie (Biomedical Sciences), Deepti D'Souza (Biochemistry) and Kieng Iv (Accounting & Financial Management) as undergraduate student representatives (terms from January 1, 2007 to December 31, 2007); Distinguished Teacher Award Committee –

*Geoffrey Hayes (History) as a faculty representative (term from January 1, 2007 to December 31, 2008), Robert Allie (Biomedical Sciences), Lauren Vancea (History) and Tim Venhuis (Computer Science) as undergraduate student representatives (terms from January 1, 2007 to December 31, 2007), and Josephine McMurray (Health Studies & Gerontology) and Caroline Seyler (French Studies) as graduate student representatives (terms from January 1, 2007 to December 31, 2007); University Committee on Student Appeals – Geoff McBoyle (Geography) as co-Chair, replacing Graham Strong (term to December 31, 2007).

COU Report. Senate received this report for information.

The motion carried.

Regular Agenda

5. **BUSINESS ARISING FROM THE MINUTES**

There was no business arising.

6. **REPORTS FROM COMMITTEES AND COUNCILS (A)**

University Tenure & Promotion Advisory Committee. Senate received this report for information.

The Chair thanked the UTPAC Chair, asking him to extend Senate's thanks to his colleagues for their work throughout the year and for the report. The Provost drew Senators' attention to recommendations [page A22], many of which have policy implications, and advised of his intent to raise them with the Faculty Relations Committee to determine whether there is disposition to act on them.

7. **PROGRESS REPORTS**

Academic Program Reviews. In her absence, the Chair suggested Senators e-mail their questions to the Associate Vice-President, Academic who will be asked to comment on any of general interest to Senators as well as on her 'General Comments' [page A49] when Senate meets in January.

The Provost noted that, although this report is, in his view, one of the most important matters for Senate's consideration and one which COU/OCAV (Ontario Council of Academic Vice-Presidents) requires university Senates to take charge of, it generates little discourse at UW's Senate – the result, perhaps, of thoroughly prepared reports which are also discussed by Senate Undergraduate Council.

Performance Indicators [powerpoint slides: www.secretariat.uwaterloo.ca/pi_nov2006.pdf]. In introducing the report, Dean Sedra, Chair of the Performance Indicators Task Force, advised that PIs serve both as an accountability instrument and as a tool for management. Nine areas are tracked in an effort to present as complete a picture as possible of this complex organization and 12 new 'overview' indicators (on students, faculty, research and resources) have been added this year. While this remains a work in progress, the indicators used remain constant so that changes/progress can be mapped.

Following his review of select indicators, Senators heard the following: although 90% of UW students come from Ontario, UW has been working diligently to broaden its reach, increasing out-of-

province student enrolment from 3% to 10% over the past three years; a suggestion to separate domestic from international students [page 49] because of tuition claw-back 'provisions' for international students; the need to monitor student:faculty ratios, as provided for in the Sixth Decade Report; a suggestion to reflect all granting council grants on a per capita basis [per NSERC, page 67]; the Office of Research is relied upon to apportion interdisciplinary grant distribution to Faculties; and with respect to female hires, UW participates in a federal granting process and sets targets every ten years, with the targets related to the number of females in the 'PhD production line.'

8. REPORT OF THE CHAIR

Environmental Scan [www.secretariat.uwaterloo.ca/es.nov2006.pdf]. In his presentation, the Chair provided an overview at the federal (AUCC pre-budget submission focuses on 'Research Creates Opportunities'; CFI announcements are expected presently; Minister Flaherty will release an economic and fiscal update this month), provincial (pre-budget consultations; progress report on *Reaching Higher*; development of a provincial consultation document on innovation strategy; Common University Data Ontario launched; the discouraging grant + fee per BIU percent increase between 2005 and projected to 2010), and municipal level (the results of the recent municipal election), as well as the strategic framework for the TRRA response to the Federal Science and Technology Strategy.

9. REPORT OF THE VICE-PRESIDENT, ACADEMIC & PROVOST

Dean of Engineering Nominating Committee. Noting there was no disposition at this time to open Policy 45 for review, but that a one-off accommodation was required [the result of Architecture's joining Engineering] for the Dean of Engineering Nominating Committee to be constituted, Senators heard a motion to approve the recommendation for a one-off exception to Policy 45, Dean of a Faculty, which would allow the size of the next Engineering Nominating Committee to increase by one faculty member.

Sixth Decade Plan. The Provost advised that following from Senate and Board approval of the Sixth Decade Plan, the Senate Long Range Planning Committee will continue to work on a number of unfinished items. Further, that two ad hoc committees have been set up: one to address the process of resource reallocation, chaired by Dean Sedra; a second to address student engagement; and the possibility of others to be established. He noted that a management group is looking at how to address recommendations that span various areas.

Stratford. With respect to the Stratford initiative, the Provost advised that planning continues at the intellectual level, including what programs would be appropriate to the locale, without duplicating offerings at the main campus and adding to what UW is already doing. He suggested the possibility of an enriched program at Stratford, new and different from what is done on campus, possibly involving integrated programming, but that all will be predicated on a good business plan. A student complement of at least 500 initially, growing to 1000, is posited. This work in progress continues.

10. REPORTS FROM COMMITTEES AND COUNCILS (B)

Graduate & Research Council

- **Heritage Resources Centre.** Senate heard a motion to approve the continuation of this Centre for a further five years (November 2006 - November 2011) as outlined in the report.

Bird and Saini. Carried.

- **Master of Catholic Thought.** Senate heard a motion to approve this new program as outlined in the report.

Bird and Tataryn. Carried.

- **Graduate Certificates and Diplomas.** Senate heard a motion to approve the definitions and requirements of graduate certificates and diplomas as outlined in the report.

Bird and Power.

In response to questions, Senators heard: where a diploma has been reviewed by OCGS and documented by MTCU, BIUs accrue to the institution; the number of courses required to complete a certificate is the call of the department; and a 'specific' program is differentiated from a 'generic' program [page A70] by OCGS by-laws which provide that 'specific' relates to a specified field in a discipline or a program of study (e.g., Cognitive Science) where 'generic' relates to the discipline or program itself (e.g., Psychology).

The motion carried.

The remaining item in the report was received for information.

Undergraduate Council

- **Academic Calendar Dates 2007-08.** Senate heard a motion to approve the dates as presented.

Mitchell and Lavigne. Carried.

- **Computational Mathematics: Honours Bio-medical Option, Data-mining Option, Earth and Space Option, Economics Option and Honours "X" with Computation Mathematics Minor.** Senate heard a motion to approve these new plans as described in the report.

Mitchell and Coleman. Carried.

- **Diploma in Ecological Restoration and Rehabilitation.** Senate heard a motion to approve this change in plan name from Diploma of Excellence in Ecological Restoration and Rehabilitation.

Mitchell and Saini. Carried.

- **Diploma in Ecological Restoration and Rehabilitation.** Senate heard a motion to approve the proposed change in average requirements for the diploma as described in the report.

Mitchell and Saini. Carried.

- **Changes to Regulations.** Senate heard a motion to approve the proposed changes to regulations for the following: Arts – Approved Alternatives to the Group A and B Requirements; Environmental Studies – Graduating Dean's Honours List; Mathematics – Co-operative Education Requirements, Letter of Permission, Exception to Grading Practices, Co-op Work Report; Science – Final Examinations.

Mitchell and Coleman. Carried.

The remaining item in the report was received for information.

University Appointments Review Committee [www.secretariat.uwaterloo.ca/uarc.nov2006.pdf].
Senate received this report for information.

The Chair thanked the UARC Chair, asking her to extend Senate's thanks to her colleagues for their work throughout the year as well as for the report. In response to a request, Professor Ng agreed to send sites for electronic advertising to Department Chairs, etc., as appropriate. The Provost drew to Senators' attention the note [page A79] that 21 individuals declined offers/accepted positions elsewhere, which he took as indication that UW was striving to recruit high quality faculty.

11. OTHER BUSINESS

December Meeting of Senate. Although there currently appears to be insufficient agenda to warrant a December meeting, the Executive Committee agreed to hold its December meeting date and to advise Senate to do likewise. The Secretary will advise the Executive Committee within a week of its December meeting whether a meeting is warranted; Senate will also be advised as appropriate.

Report on Scholarships and Bursaries [www.secretariat.uwaterloo.ca/scholarships.nov2006.pdf].
With the dissolution of the Senate Scholarships & Student Aid Committee, the Registrar has assumed responsibility to report to Senate and he noted in particular: UW's entrance scholarships and the doubling of expenditure (\$3 million to \$6 million) on these scholarships over the past year; the scholarships awarded to those with entering averages of 85%+; and the basis for and disbursement of local aid bursaries.

Report of the University Librarian. The University Librarian spoke to the handout "Building a Foundation for the Future," relating Library objectives to the Sixth Decade Plan and Performance Indicators.

Senate convened in confidential session.

lc
November 22, 2006

Lois Claxton
Secretary of the University

University of Waterloo

 Annual Performance
 Indicators Report 2006

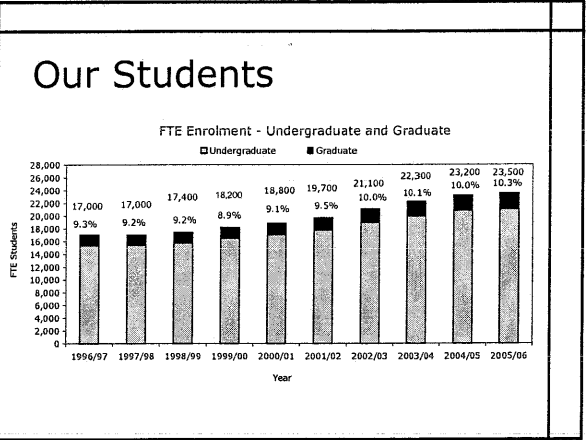
 Presentation to Senate
 November 2006

Nine Key Areas

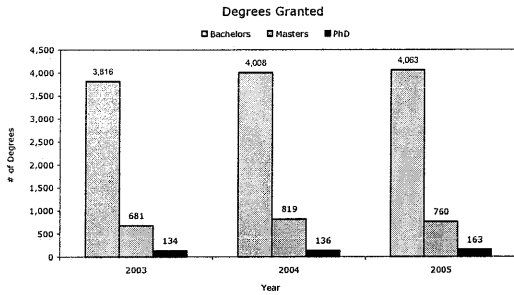
- Undergraduate Studies
- Graduate Studies
- Research
- Faculty
- Staff
- Co-operative Education
- Resources
- Library
- Fundraising

New This Year
Twelve Overview Indicators

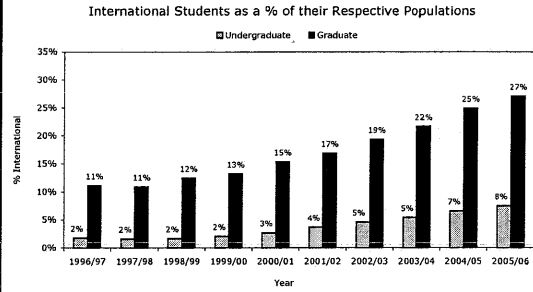
- Students (6 indicators)
- Faculty (2 indicators)
- Research (2 indicators)
- Resources (2 indicators)



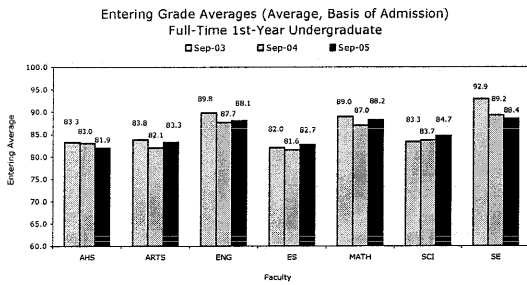
Our Students



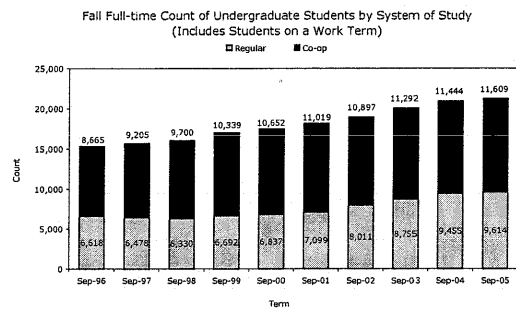
Our Students



Our Students

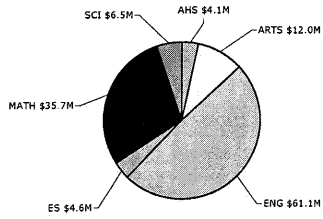


Our Students



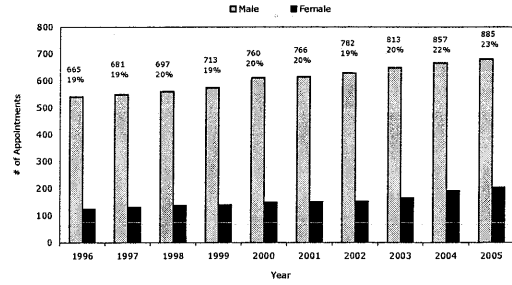
Our Students

Total Earnings by Students on Co-op Work Term 2005/06
\$124,000,000



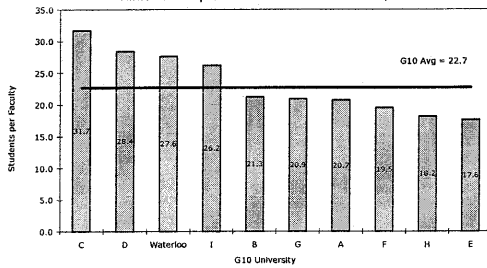
Our Faculty

Count of Faculty by Gender



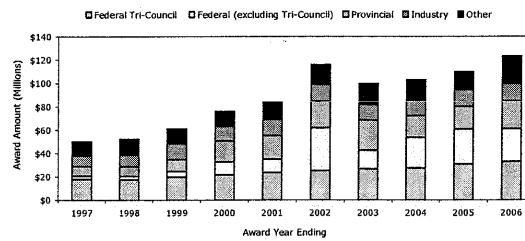
Our Faculty

Full-Time Student to Full-Time Tenure and Tenure-Stream Faculty
Ratio as Compared to G10 Universities 2004/05

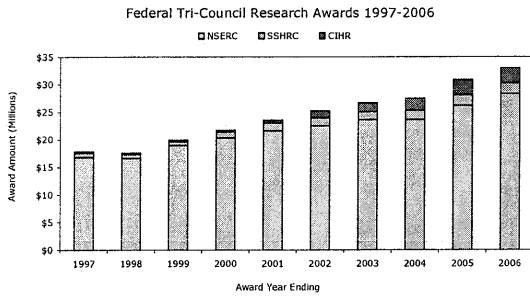


Our Research

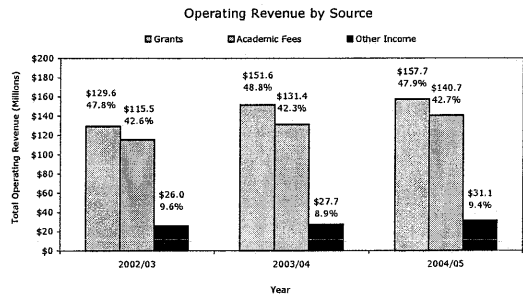
Total Sponsored Research Awards by Source



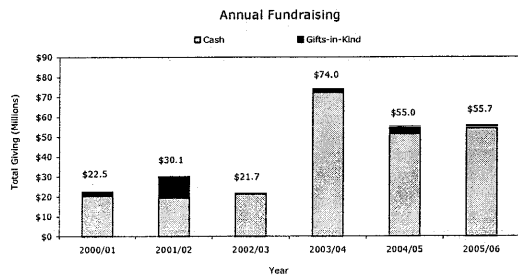
Our Research



Our Resources



Our Resources




Task Force Members

- Gail Cuthbert Brandt
- Martha Foulds
- Alan George
- Mary Jane Jennings
- Bob Kerton
- Adel Sedra, chair
- Mary Thompson
- Bob Truman

Data Working Group

- Gail Clarke, Housing
- Maryann Gavin, Development
- Mary Jane Jennings, Institutional Analysis and Planning
- Lynn Judge, Graduate Studies
- Ken Lavigne, Registrar's Office
- Jane Manson, Finance
- Brenda MacDonald, Office of Research
- Alfreida Swainston, Human Resources
- Linda Teather, Library
- Dave Thomas, Co-operative Education
- Bob Truman, Institutional Analysis and Planning, chair
- Martin van Nierop, Communications and Public Affairs



**UW Senate
Environmental Scan**

 November 20, 2006

Federal overview

- AUCC pre-budget submission focus is "Research Creates Opportunities"
- Granting councils under review — focus is on NSERC and SSHRC
- CFI announcements to be made shortly
- Min. Flaherty will release an Economic and Fiscal Update this month

Strategic framework for TRRA Response

Level of public investment in R&D is uncertain

- Spending among lowest levels of GDP among OECD countries in last 5 years; dwarfed by US spending
- Major federal programs await word on continued funding i.e. CFI, CANARIE
- Support for private sector elements also under review i.e. SR&ED, IRAP
- Gov't not ideologically predisposed to investing in R&D
- External signs our competitive position is slipping
- Others dramatically ramping up R&D investment
 - UK, EU, US, S. Korea, Australia, India, China making major new commitments

Strategic framework for TRRA Response

Concern mounting in Canada

- Stakeholders expressing increasing concern
- Uncertainty in the research community
- Without long-term confidence, researchers and business interests will go elsewhere

S&T strategy may fall short of expectations

- work underway for months; little external consultation
- Plan was to release paper in September followed by consultation; paper may be a shield for inaction
- Perhaps no paper released; instead a portion of Economic Update will cover 'prosperity & innovation'

Provincial overview

- Provincial election Oct. 4, 2007
- Pre-budget consultations ongoing — progress report on *Reaching Higher* plan
- Province developing consultation document on innovation strategy
- First ORC has been appointed at Queen's
- Common University Data Ontario launched Nov. 9

	2005-06	2006-07	2007-08	2008-09	2009-10
Additional Operating Grants to Universities and Colleges (\$m) (as per 2005 and 2006 Budgets) ¹	448	736	939	969	1166
University share ¹ (\$m)	322	467	584	603	771
Annual Increment	322	145	117	19	168
Total Grant (\$m)	2,680	2,825	2,942	2,961	3,129
% Increase	13.7%	5.4%	4.1%	0.6%	5.7%
Total Fees ² (\$m)	2,307	2,477	2,623	2,777	2,969
% Increase	5.1%	7.4%	5.9%	5.9%	6.9%
Grant per BIU ³ (\$)	4,367	4,413	4,429	4,404	4,538
% Increase	0.0%	1.1%	0.4%	-0.5%	3.0%
Fees per BIU (\$)	3,759	3,869	3,949	4,131	4,307
% Increase	-0.5%	2.9%	2.1%	4.6%	4.1%
Grant + Fees per BIU (\$)	8,126	8,282	8,377	8,535	8,845
% Increase	3.9%	1.9%	1.2%	1.9%	3.6%

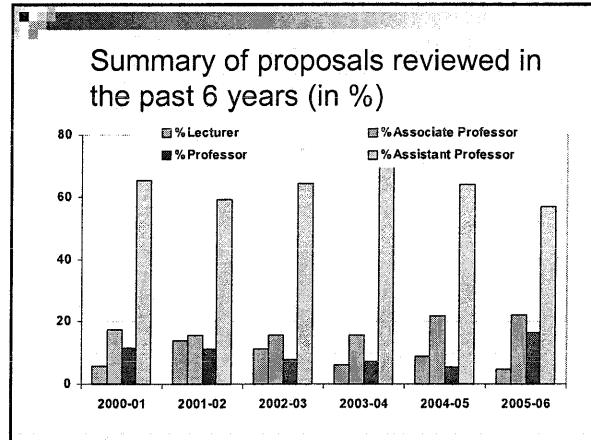
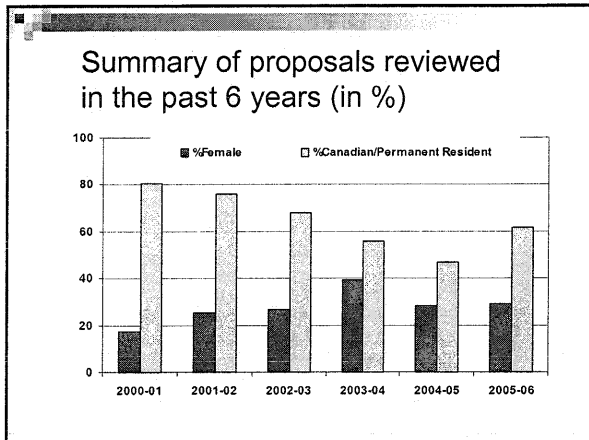
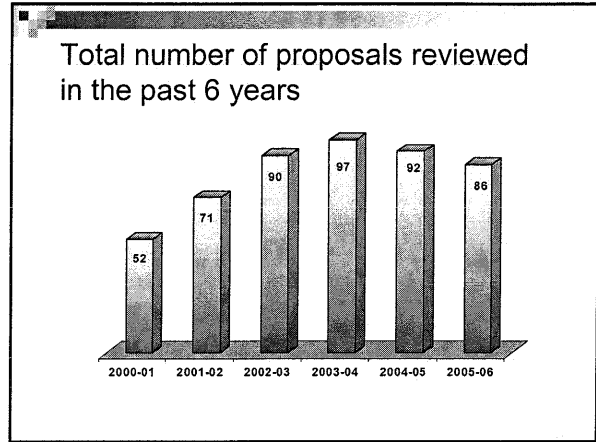
Local overview

November 13 Municipal election

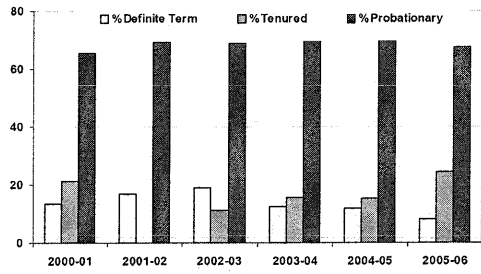
- New mayor of Waterloo plus four new councilors
- Two new Regional councilors
- Continuity with Regional Chair and Mayors of Kitchener, Cambridge, Stratford

SUMMARY OF PROPOSALS FOR REGULAR FACULTY APPOINTMENTS
of duration two years or more
REVIEWED BY UARC
October, 2005 to September, 2006

Faculty	Case Reviewed by UARC	Nationality		Sex		Hires			Appointment Type			Professorial Rank		
		CDN/ Permanent Resident	Foreign Academic	F	M	F	M	Tenured	Probationary	Definite Term	Lect.	Asst.	Assoc.	Prof.
AHS	4	4		4	-	3	1	3				3		1
ARTS	26	19	7	11	15	8	8	7	16	3	2	16	4	4
ENG	16	9	7	4	12	3	10	3	12	1		9	5	2
ES	3	2	1		3	-	3	2	1			1	1	1
MATH	14	6	8	3	11	2	7	3	11			11	2	1
SCI	23	13	10	7	16	7	11	5	15	3	2	9	7	5
Totals	86	53	33	25	61	20	42	21	58	7	4	49	19	14



Summary of proposals reviewed in the past 6 years (in %)



**Entrance Scholarships &
Financial Aid**

Senate
November 20, 2006

- Entrance Scholarships**
- **95%+: President's Scholarship of Distinction**
 - \$2,000 in year 1
 - \$1,500 Research Award (after 1B with 80%)
 - \$1,500 International Experience Award (after 1B with 80%)
 - **90%: President's Scholarship**
 - \$2,000 in year 1
 - **85%: Merit Scholarship**
 - \$1,000 in year 1
 - **Faculty & General Scholarships**

Entrance Scholarships

Expenditures 2005:

• President's Scholarships:	\$1.8M
• Faculty & General Scholarships:	\$1.2M
• Total:	\$3.0M

Expenditures 2006:

• President's Scholarships:	\$4.4M
• Faculty & General Scholarships:	\$1.6M
• Total:	\$6.0M

85% +

2005*	
• 95%+	118
• 90%	772
• 85%	1041
• Total	1931
2006*	
• 95%	196
• 90%	906
• 85%	1259
• Total	2361

* OSS only using best 6 grades

Local Aid Bursaries

- **2004-2005**
 - No automatically identified recipients
- **2005-2006**
 - Financial aid guarantee implemented
 - Automatically identified recipients
 - Less need per student
 - Parental Contribution Table
 - Canada & Ontario access Grants
 - Real tuition costs used in determining need

Local Aid Bursaries

- **Expenditures: Upper year undergraduates**
 - 2004-2005 \$4.6 M
 - 2005-2006 \$7.4M
- **Average aid per student**
 - 2004-2005 \$2,556
 - 2005-2006 \$1,983
- **Students assisted**
 - 2004-2005 1829
 - 2005-2006 3763