**blue pages confidential**

**University of Waterloo**
**SENATE**
**Minutes of the Monday, November 21, 2011 Meeting**

**Present:** Feridun Hamdullahpur (chair), Erin Windibank (secretary), Sheila Ager, David Barton, Dan Brown, Graham Brown, Lutz-Alexander Busch, Glenn Cartwright, Joseph Cheriyan, Jonathan Cluett, Matthew Colphon, Carol Cressman, Rick Culham, David DeVidi, Brian Dixon, George Dixon, Brent Doberstein, Tom Duever, Paul Eagles, Susan Elliott, Peter Forsyth, James Frank, George Freeman, Tadeusz Górecki, Ian Goulden, Paul Guild, Geoffrey Hayes, Keith Hipel, Sue Horton, Dennis Huber, Ryan Jacobs, Reemah Khalid, Whitney Lackenbauer, Ken Lavigne, Kate Lawson, Susan Leat, Jonathan Li, Michael Makahnouk, Krista Mathias, Geoff McBoyle, Stephen McColl, Jesse McGinnis, Brian McNamara, Bruce Mitchell, Michele Mosca, Jim Pankratz, Diana Parry, Douglas Peers, Tracy Penny Light, David Perrin, David Porreca, Feisal Rahman, Metin Renksizbulut, André Roy, Manoj Sachdev, Susan Schultz Huxman, Adel Sedra, Robert Shipley, Jordan Vandjelovic, Barbara Veale, Barry Warner, Olaf Weber, Beth Weckman, Andrew Williams

Peter Donahue, Lowell Ewert, Alan George, Tim Jackson, Peggy Jarvie, Mary Jane Jennings, Karim Karim, Cathy Newell Kelly, Raymond Laflamme, Ellen Sue Mesbur, Janet Passmore, Susan Routliffe, Bud Walker

**Absent:** Jean Andrey, Joshua Armstrong*, William Bobier*, Jeffrey Bunn, Tara Collington*, Michael Drescher*, Fraser Easton, Peter Frick, Mariam Gill*, Bob Harding*, Mark Haslett*, Bruce Hellinga, Terry McMahon*, Hassan Nasir*, Tracy Peressini*, Benjamin Selby, Alana Vandervoort, Prem Watsa*, Richard Wells*

*regrets

## OPEN SESSION

**Consent Agenda**
Senate heard an omnibus motion to approve or receive for information by consent items 1-5 below.

1. **APPROVAL OF MINUTES**
   The minutes of the October 17, 2011 meeting were approved as distributed.

2. **REPORT FROM UNDERGRADUATE COUNCIL**
   Senators discussed the university's plan to increase admission standards by one per cent each year until it is determined that an optimal number has been reached, noting that: recruitment and target setting strategies will need to be actively managed in light of the standard, more than 65% of Ontario high school students are graduating with an average of 80% or higher, high schools may respond by continuing to inflate grades, and the University of Western Ontario has already adopted a higher entrance standard.

   Following the discussion, Senate approved the proposed 2012-13 calendar dates (motion 1), undergraduate admission requirements for 2012 (motion 2), changes to the Faculty of Environment's final examination regulation (motion 3), changes to the Faculty of Mathematics' residency requirement and transfer regulation (motion 4), a change to the requirements of the joint actuarial science plan (motion 5), and a change to the mathematical finance plan (motion 6).

   The remaining items in the report were received for information.

**3. REPORT OF THE PRESIDENT**
**Recognition and Commendation.** Senate received this report for information.

**4. REPORTS FROM FACULTIES AND RENISON UNIVERSITY COLLEGE**
Senate received these reports for information.

**5. OTHER BUSINESS**
**COU Report.** Following discussion re: whether recent changes to federal and Tri-Council awards favour research-intensive universities, and hearing that Guild is contributing to a report on the issue, Senate received this report for information.

**Committee/Council Appointments** [revised report at senators' places]. Senate approved the following appointments:

- **Amit and Meena Chakma Awards for Exceptional Teaching by a Student:** Rohan Jayasundera (physics and astronomy), faculty representative; Jen Doyle (English language and literature), graduate student representative; Cathy Duong (health studies), Sean Hunt (computer science), Ragu Sivakumaran (chemical engineering), undergraduate student representatives; terms to December 31, 2012.
- **Distinguished Teacher Award Committee:** Martin Smith (chemistry) and Jen Doyle (English language and literature), graduate student representatives; Cathy Duong (health studies), Numaira Obaid (chemical engineering), Yanchini Rajmohan (health studies), undergraduate student representatives; terms to December 31, 2012.
- **Senate Graduate & Research Council:** Tanya Christidis (planning), environment graduate student representative, term January 1, 2012 to April 30, 2014.
- **Senate Undergraduate Council:** Steve Prentice (kinesiology), applied health sciences faculty representative, term January 1, 2012 to December 31, 2012.
- **University Committee on Student Appeals:** Sarah Johnson (health studies), undergraduate student representative, term to April 30, 2013.

Hamdullahpur and Brown. Carried.

**<u>Regular Agenda</u>**

**6. BUSINESS ARISING FROM THE MINUTES**
**Amendment to Senate Bylaw 2** (2nd reading). Senate heard a motion to approve the proposed membership amendment to Senate Bylaw 2.

Hamdullahpur and Porreca. Carried.

**Policy Development.** The president of the FAUW, George Freeman, reminded members of two motions from last November directing the Faculty Relations Committee to consider donor agreements and research centres/institutes. He reported that with regard to donors, the committee has reached high level agreement on principles and FAUW is drafting language for further discussion. Re: centres/institutes, the report of the committee set up by the VPUR has been received and discussion is ongoing, particularly as it relates to the role of directors. He proposed that FAUW report to Senate again in November 2012.

**7. REPORTS FROM COMMITTEES AND COUNCILS**
**Executive Committee.** Since there currently appears to be insufficient agenda to call a December meeting of Senate, it was understood that the secretary would advise the Senate Executive Committee

within a week of its December meeting whether a meeting of Senate is warranted and that Senate would be so advised.

. **Graduate & Research Council**

- **Centre for Bioengineering and Biotechnology.** Senate heard a motion to approve the establishment of this centre for an initial period of five years (December 1, 2011 to November 30, 2016) as described in the report.

  Dixon and DeVidi.

  In discussion, senators heard that there would be no initial membership fee, but a nominal fee may be considered as the centre proceeds.

  The motion carried.

- **Master of Peace and Conflict Studies.** Senate heard a motion to approve the establishment of this new program to be offered by the University of Waterloo at Conrad Grebel University College in collaboration with the Faculty of Arts as described in the report.

  Horton and Pankratz.

  In discussion, senators heard that there is little competition in Canada for programs of this nature, and that there is no concern re: enrolment targets given outreach and feedback to date.

  The motion carried.

- **Master of Social Work.** Senate heard a motion to approve the establishment of this new program to be offered by the University of Waterloo at Renison University College in collaboration with the Faculty of Applied Health Sciences as described in the report.

  Horton and Cartwright.

  In discussion, senators heard that, notwithstanding some discussion within the field as to what constitutes a terminal degree, all category one faculty members save for one (who is about to complete) hold PhDs.

  The motion carried.

- **Master of Public Service.** Senate heard a motion to approve the addition of a non co-op education degree stream within this program and related changes to the Master of Public Service page of the Graduate Studies Calendar as described in the report.

  Horton and Peers.

  In discussion, Horton clarified that the main driver for this stream is to accommodate students who are already employed in the public service and a small number whose personal circumstances make placement difficult.

  The motion carried.

- **Electrical & Computer Engineering MEng Certificate in Sustainable Energy.** Senate heard a motion to approve changes to course requirements for this program as described in the report.

  Horton and Porreca. Carried.

The remaining items in the report were received for information.

**Undergraduate Council**

- **Minors and Options, Faculty of Arts.** Senate heard a motion to approve the proposed changes to the faculty's minors and options.

  McBoyle and Ager. Carried.

- **Course Load Regulation, Faculty of Mathematics.** Senate heard a motion to approve changes to the faculty's course load regulation as described in the report.

  McBoyle and Goulden. Carried.

- **Academic Standing, Faculty of Mathematics.** Senate heard a motion to approve changes to the faculty's academic standing regulation as described in the report.

  McBoyle and Brown.

  In discussion, clarification was provided as to what constitutes an "excluded course" in the Faculty of Mathematics and the faculty dean indicated that the change codifies a longstanding practise within the faculty.

  The motion carried.

- **Course Drop Regulation, Faculty of Mathematics.** Senate heard a motion to approve proposed changes to the faculty's course drop regulation.

  McBoyle and Goulden. Carried.

- **Minors, Faculty of Arts (Economics: Environment and Economics Minor; Interdisciplinary Plans: Cognitive Science Minor, International Studies Minor; Religious Studies: Catholic Studies Minor; Renison University College: Applied Language Studies Minor; St. Jerome's University: Human Science Minor; Sociology and Legal Studies: Legal Studies Minor; Spanish: Latin American Literature and Cultures Minor, Spanish/English Translation Minor).** Senate heard a motion to approve the creation of these new minors as described in the report.

  McBoyle and Peers. Carried.

- **Minors and Diplomas, Faculty of Arts (Anthropology: Anthropology Minor; Classical Studies: Classical Studies Minor, Greek Minor, Latin Minor; Conrad Grebel University College: Church Music and Worship Minor, Mennonite Studies Minor, Diploma in Mennonite Studies, Music Minor, Peace and Conflict Studies Minor, Diplomas in Peace and Conflict Studies; Drama: Drama Minor; Economics: Economics Minor; English Language and Literature: English Minor; Fine Arts: Fine Arts Minor, Visual Culture in a Global Context Minor; French Studies: French Minor; Germanic & Slavic Studies: German**

**Minor, Russian and East European Studies Minor; History: History Minor; Management Studies: Management Studies Minor, Diploma in Management Studies; Philosophy: Philosophy Minor; Political Science: Political Science Minor; Psychology: Human Resources Management Minor, Human Resources Management Diploma, Psychology Minor; Religious Studies: Jewish Studies Minor, Religious Studies Minor; Renison University College: Diploma in Applied Language Studies, East Asian Studies Minor, Diploma in East Asian Studies, Social Development Studies Minor, Studies in Islam Minor, Diploma in Studies in Islam; Sociology and Legal Studies: Sociology Minor; Spanish: Spanish Minor; Speech Communication: Speech Communication Minor; St. Jerome's University: Italian Studies Minor, Sexuality, Marriage and Family Studies Minor; Women's Studies: Women's Studies Minor).** Senate heard a motion to approve the changes to the faculty's minors and options as detailed in the report.

McBoyle and Ager. Carried.

- **Three-year General Plan, Minors, Options, Specializations and Diplomas, Faculty of Arts (Conrad Grebel University College: Church Music and Worship Option, Mennonite Studies Option, Peace and Conflict Studies Option; Economics: Environment and Economics Option; Interdisciplinary Plans: Cognitive Science Option, Fine and Performing Arts Option, International Studies Option, Management Studies Option; Philosophy: Philosophy Option; Psychology: Human Resources Management Option, Honours Psychology – Human Resource Management Specialization; Religious Studies: Jewish Studies Option, Diploma in Jewish Studies; Renison University College: Applied Language Studies Option, East Asian Studies Option, Studies in Islam Option; Sociology and Legal Studies: Legal Studies and Criminology Option; Spanish: Latin American Literature and Cultures Option, Spanish/English Translation Option; Speech Communication: Speech Communication Option; St. Paul's University College: Spirituality and Personal Development Minor, Spirituality and Personal Development Option; St. Jerome's University: Three-year General Italian Studies, Italian Language Minor, Italian Studies Option, Sexuality, Marriage, and Family Studies Option; Women's Studies: Women's Studies Option.** Senate heard a motion to approve the inactivation of these plans.

  McBoyle and Freeman.

  In discussion, the registrar indicated that students who have formally declared that they are pursuing an option that is subsequently discontinued are permitted to complete it under the rules in force when they entered, and that the declaration requirement is published in the Undergraduate Calendar. At Colphon's request, the VPAP agreed to attempt to publish a notice in the Daily Bulletin encouraging students pursuing these options to declare.

  The motion carried.

- **Computational Mathematics, Faculty of Mathematics (Computational Mathematics/Bio-Medical Option, Computational Mathematics/Data-Mining Option, Computational Mathematics/Earth and Space Option, Computational Mathematics/Economics Option).** Senate heard a motion to approve the inactivation of these plans.

  McBoyle and Eagles. Carried.

- **Computational Science Co-op and Regular, Faculty of Science.** Senate heard a motion to approve the inactivation of these plans.

  McBoyle and Eagles. Carried.

**8. SCHOOL OF OPTOMETRY NAME CHANGE**
Senate heard a motion to approve the following name change: "School of Optometry" to "School of Optometry and Vision Science."

McBoyle and Górecki. Carried.

**9. RESEARCH PRESENTATION** [www.secretariat.uwaterloo.ca/20111121iqc.pdf; IQC 2011 Annual Report at senators' places]. Speaking to his PowerPoint presentation, Professor Laflamme, director of the Institute for Quantum Computing, described long term research into the development of quantum computers and their potential impact, as well as related developments in quantum communication and quantum sensing. Senate heard that the institute has grown to encompass 135 researchers and expects its new building to come online next summer.

**10. REPORT OF THE VICE-PRESIDENT, UNIVERSITY RESEARCH**
In his report, the VPUR recognized Professor Geoff Fong's receipt of the CIHR Knowledge Translation Award and two significant funding initiatives: a grant to the Propel Centre for Population Health Impact from the Canadian Cancer Society to continue its activity re: cancer control and a CIHR team grant to Professor Gary Dmitrienko for an international cooperative effort directed at drug development to combat antibiotic resistance. He also noted the end of grant application season in the Office of Research with significantly more applications than in the past.

**Report from the Committee on Senate-approved Centres and Institutes.** The VPUR tabled the report, which was generated by a committee that he commissioned to consider and make recommendations to him re: Senate approved centres and institutes moving forward. He thanked the committee and Mary Thompson for her excellent service as chair; invited senators to comment and/or submit written input by January 13, 2012; and indicated that, after receiving feedback from the community, he would begin to develop action items and bring them forward through Graduate and Research Council.

Discussion included: value of maintaining ongoing five-year evaluation of centres/institutes; desire for up-front guidance as to their purpose; issues surrounding ability to appoint faculty, and hire staff and postdoctoral fellows; level of involvement with interdisciplinary graduate programs; and funding models.

**11. REPORT OF THE PRESIDENT** [www.secretariat.uwaterloo.ca/20111121pr.pdf]
He focused his remarks on the following matters:

- **Immigration.** A new initiative has been announced to enable foreign nationals studying at the doctoral level to apply for permanent resident status as skilled workers.
- **Ontario Tuition Grant.** It is expected that the grant described in the Liberal election campaign will take effect in January 2012.
- **Rankings.** Waterloo maintained its place in the MacLean's rankings and also did well in the Globe and Mail University Report 2012. Waterloo tied for 48$^{th}$ place in the Times Higher Education 2011-12 World University Rankings under engineering and technology, but did not make the top 50 in the other disciplinary categories.

- **Highlights from the Audited Financial Statements, Year Ending April 30, 2011.** Revenue increased 6% over last year to $781M; scholarships and bursaries increased 9% to $88M; $134M was recognized in new capital assets and endowment fund value is up $20.5M.
- **Mid-cycle Review Update.** 33 of 44 sessions have been completed with 11 remaining. 2220 survey responses have been received so far, with 1170 from undergraduate students.
- **Recent Events.** The president remarked on his recent international travel, including opening Waterloo's first alumni office in Hong Kong where alumni are extremely engaged, and attending the second anniversary celebrations for the UAE campus.

**12. Q & A PERIOD WITH THE PRESIDENT**

**University of California Campuses.** In response to a concern re: treatment of student protestors at UC Davis and UC Berkeley campuses, the president agreed that the actions taken were heavy handed and that he would not expect a similar reaction at Waterloo to protest that is peaceful and respectful of human values and property.

**13. REPORT OF THE VICE-PRESIDENT, ACADEMIC & PROVOST**

**Undergraduate Enrolment Update** [www.secretariat.uwaterloo.ca/20111121ue.pdf]. Speaking to his PowerPoint presentation, the registrar presented an overview of year one enrolment (103% of overall target, 101% of international target) and enrolment at the UAE campus (98 in year one, 47 in year two, 70% female). He suggested that Canadian recruitment efforts outside Ontario will intensify, as will efforts to improve Waterloo's profile with current and former Ontario college students. Lavigne also reported that 97% of incoming year one students had an average of 79% or higher, but noted that there is room for common sense in the admissions process where there is a good reason to admit a student who does not meet the target.

**14. REPORT OF THE VICE-PRESIDENT, EXTERNAL RELATIONS**

The VPER provided highlights re: new individuals in key government positions: Glen Murray, minister of training, colleges and universities; Rob Leone, critic, training, colleges and universities; and Yaprak Baltacıoğlu, Waterloo's deputy minister champion. He also reported that efforts are underway to identify and ensure consistency among entrepreneurial activities on campus, a major alumni event will take place in Kitchener this week, and Waterloo surpassed its United Way campaign goal in terms of both dollars raised and participation.

**15. OTHER BUSINESS**

There was no other business.

Senate convened in confidential session.

Erin Windibank
Associate University Secretary

January 11, 2012