

**University of Waterloo**  
**SENATE**  
**Minutes of the Monday 19 June 2017 Meeting**

**Present:** Bilal Akhtar\*\*, Jean Andrey, Michael Balogh, Sandra Banks, Katherine Bergman, Anne Bordeleau, Robert Bruce, Carmen Bruni, Jennifer Clapp, Andrew Clubine, Tara Collington, Mario Coniglio, Simon Courtenay, Shannon Dea, David DeVidi, George Dixon, Tia Driver, Paul Fieguth, Wendy Fletcher, George Freeman, Matthew Gerrits, Julia Goyal, Sally Gunz, Feridun Hamdullahpur (chair), Dennis Huber, Marios Ioannidis, Karen Jack (secretary), Craig Janes, Beth Jewkes, Maureen Jones, Spiro Karigiannis, Scott Kline, Robert Lemieux\*\*, Mungo Marsden, Katie Misener, Grant Mitchell, Barb Moffatt, Rick Myers, Ian Orchard, Diana Parry, Douglas Peers, Angela Pereira\*\*, David Porreca\*\*, William Pristanski, Christopher Pugh, Neil Randall, Bruce Richter, James Rush, Samantha Shortall, Joanne Shoveller, James Skidmore, Richard Staines, Gordon Stuble, Pearl Sullivan, Hamid Tizhoosh, Tomson Tran, Johanna Wandel, Stephen Watt, Dan Wolczuk, Alexander Wray, En-Hui Yang

**Guests:** Raouf Boutaba, Catherine Burns, Carleen Carroll, Matthew Grant, Peggy Jarvie, Lynn Judge, Cathy Newell Kelly, Andrea Kelman, Melissa Knox, Anwar Hasan, Derek Madge, Emily Schroeder, Jason Testart, Mike Winterburn

**Absent:** Chris Bauch\*, Hannah Beckett\*, Antonio Brieva\*, Jeffrey Bunn, Kofi Campbell, Claudio Canizares, Jeff Casello, Brian Cepuran\*, Eric Croiset\*, Bernard Duncker\*, Fraser Easton\*, David Edwards\*, Marlene Epp\*, Mavis Fenn\*, Cindy Forbes, Shikha Gandhi, Mark Giesbrecht\*, Robert Gorbet\*, Craig Hardiman\*, Thorsten Heins, Alison Hitchens\*, Tom Jenkins\*, Karim S. Karim, Alysia Kolentsis\*, Greta Kroeker\*, Mohammad Nasif, Daniel O'Connor\*, Jim Pankratz, David Perrin\*, Mark Seasons\*, Ross Willard\*

\*regrets

\*\*joined by telephone

**OPEN SESSION**

**Consent Agenda**

The chair welcomed members to the meeting and remarked upon his enjoyment of the recent convocation ceremonies. With respect to the consent agenda, he noted that on page four, the name “Santz” should read “Shantz,” and on page nine, the “Status of Women and Equity Committee” is a committee of the Faculty Association, not the University.

Senate heard a motion to approve or receive for information the items on the consent agenda.

Bruce and Pugh.

**1. MINUTES OF THE 15 MAY 2017 MEETING**

Senate approved the minutes of the meeting.

**2. REPORTS FROM COMMITTEES AND COUNCILS**

**Graduate & Research Council.** Senate received the report for information.

**Undergraduate Council.** Senate received the report for information.

**3. REPORT OF THE PRESIDENT**

**Recognition and Commendation.** Senate received the report for information.

**4. REPORTS FROM THE FACULTIES**

Senate received the reports for information.

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**5. COMMITTEE APPOINTMENTS**

Senate approved appointments to the Senate Long Range Planning Committee (Peter Johnson), and the Senate Graduate & Research Council (Daniel Martel, Emily Cyr, Takin Tadayon, Tom Bury and Max Salman).

**6. REPORT OF THE VICE-PRESIDENT, ACADEMIC & PROVOST RE: UNIVERSITY RESEARCH CHAIRS**

Senate received the report for information.

The question was called and the motion carried unanimously.

**Regular Agenda**

**7. BUSINESS ARISING FROM THE MINUTES**

Lynn Judge briefly spoke to the report at members' places relating to domestic enrollments in professional and research based masters programs.

In response to a question raised in April regarding under-represented groups in Tier I and Tier II CRCs, Dixon advised that the University is short by one female in Tier II CRCs, but exceeds and is on track with respect to other measures. He also noted that voluntary reporting can complicate the University having accurate counts.

Shoveller spoke to the question arising from the May meeting re: STEM scholarships and advised that the University seriously thinks about all scholarship activity and strives to increase scholarships in all areas.

**8. RESEARCH PRESENTATION – LORA GIANGREGORIO, ASSOCIATE PROFESSOR, KINESIOLOGY, FACULTY OF APPLIED HEALTH SCIENCES**

Rush introduced Dr. Giangregorio, and spoke to her research goals, laboratory, and research contributions over the short time she has been with the University. Dr. Giangregorio spoke to her research relating to fracture prevention, including: osteoporosis considerations; bone health factors and interventions; interactions with patients; recent findings and future research opportunities. In discussion, Dr. Giangregorio advised that some patients' questions and feedback are incorporated into studies and work within the laboratory often is interdisciplinary.

**9. REPORTS FROM COMMITTEES AND COUNCILS**

**Graduate & Research Council**

Senate heard motions to the following effects:

**Centre for Bioengineering and Biotechnology.** Senate heard that this motion relates to the centre's renewal, not its establishment, and heard a motion to approve it.

Dixon and Tizhoosh.

In discussion, clarification that there is no requirement for all Faculties to have participating members, and that the changes represent a governance change such that the Vice-President, Research now has a role. The question was called and the motion carried with one abstention.

**Cybersecurity and Privacy Institute.** Members heard a motion to approve the institute.

Dixon and Watt.

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In discussion: the government's "supercluster" initiative has only a minimal impact and that the University already has expertise in this area; a description of budgetary plans. The question was called and the motion passed unanimously.

**Waterloo Artificial Intelligence Institute.** Senate heard a motion to approve the institute.

Dixon and Sullivan.

In discussion: the institute is not meant to subsume other listed centres and institutes; it is meant to enable industry and academic collaboration; the other Faculties have been invited to be involved. The question was called and the motion carried unanimously.

**Faculties of Engineering and of Mathematics.** This motion was withdrawn from consideration.

#### 10. REPORT OF THE PRESIDENT

The president provided Senators with a wide-ranging update including: a summary of the Strategic Mandate Agreement negotiations (more information is forthcoming from the province, co-operative education will not be allowed to be a differentiator, experiential education has had a positive reception); the President's Advisory Committee on Student Mental Health has had its first meeting; the "innovation superclusters" are keeping the president and many others busy, and from Dixon, that industry must be involved, details are being worked out and good opportunities exist; kudos, thanks and good bye to Ian Orchard. Following a round of applause, Orchard thanked the president and expressed his appreciation for his time with the University. The president completed his remarks with thanks to Gunz for her service as president of FAUW, and to Dixon for his stellar tenure as Vice-President, Research over the last decade. Another round of applause followed for both Gunz and Dixon.

#### 11. Q&A PERIOD WITH THE PRESIDENT

After opening the floor to questions, the president advised that with respect to superclusters, no money will be directly provided to universities, but that a university must be involved as a partner, the advanced manufacturing supercluster looks promising, and intellectual property issues must be considered carefully.

#### 12. REPORT OF THE VICE-PRESIDENT, ACADEMIC & PROVOST

The provost thanked interim registrar Maureen Jones for her success and efforts in the role which was followed by a round of applause.

**Name Change: Centre for Contact Lens Research.** Senate heard a motion to recommend to the Board of Governors the following name change: "Centre for Contact Lens Research (CCLR)" to "Centre for Ocular Research & Education (CORE)."

Orchard and Lemieux. Carried unanimously.

#### 13. REPORT OF THE VICE-PRESIDENT, UNIVERSITY RESEARCH

Dixon provided members with a brief report on activities and mentioned the coming "150" research appointments from the federal government for which more information will follow.

#### 14. OTHER BUSINESS

Dea asked Orchard to comment on the University Research Chairs report in the consent agenda with respect to diversity and equity considerations. He observed that since the establishment of the honour, a greater awareness exists for these considerations and a concerted effort is in place to address them.

Senate convened in confidential session.

8 September 2017

Karen Jack  
University Secretary