

**University of Waterloo**  
**SENATE**  
**Notice of Meeting**

**Date:** Monday, April 21, 2008

**Time / Place:** 4:30 p.m. / Needles Hall, Room 3001

	<b>OPEN SESSION</b>	<b>Page</b>	<b>Action</b>
	<b><u>Consent Agenda</u></b>		
4:30	<b>Motion:</b> That Senate approve or receive for information by consent items 1-4 [below].		
	1. Approval of the March 24, 2008 Minutes [enclosed]		Decision
	2. Report of the Chair		
	a. Recognition and Commendation	2, A1	Information
	3. Reports from the Faculties	2, A2-A15	Information
	4. Other Business		
	a. Conferral of Degrees	2, A16	Information
	<b><u>Regular Agenda</u></b>		
4:35	5. Elections to Senate Committees and Councils and to the Board of Governors and Board Executive Committee	2, A17	Information
4:45	6. Centre for Teaching Excellence	2	Information
5:05	7. Business Arising from the Minutes		
5:10	8. Report of the Chair		
	a. Honorary Degrees at Spring Convocation	2	Information
	b. Environmental Scan	2	Information
5:25	9. Report of the Vice-President, Academic & Provost		
	a. Abu Dhabi	2	Information
5:45	10. Report of the Vice-President, External Relations	2	Information
5:55	11. Report of the Vice-President, University Research	2	Information
	12. Reports from Committees and Councils		
6:05	a. Graduate & Research Council	2, A18	Decision / Information
6:15	b. Undergraduate Council	2, A19-A21	Decision / Information
6:25	c. University Committee on Student Appeals	2, A22-A23	Information
	13. Other Business		
6:35	a. COU Academic Colleague Election	2	Decision
	<b>CONFIDENTIAL SESSION</b>		
6:40	14. Approval of the March 24, 2008 Minutes [enclosed]		Decision
6:45	15. Report of the Nominating Committee for Honorary Degrees	3, CS1-CS5	Decision

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The Executive Committee met on April 7, 2008 and wishes to report as follows:

**OPEN SESSION**

**Consent Agenda**

**2. REPORT OF THE CHAIR**

**Recognition and Commendation.** The Committee agreed to forward this report to Senate for information.

**3. REPORTS FROM THE FACULTIES**

The Committee agreed to forward these reports to Senate for information.

**4. OTHER BUSINESS**

**Conferral of Degrees.** The Committee agreed to forward this report to Senate for information.

**Regular Agenda**

**5. ELECTIONS TO SENATE COMMITTEES AND COUNCILS AND TO THE BOARD OF GOVERNORS AND BOARD EXECUTIVE COMMITTEE**

The Committee understood that the process would be the same as in past years.

**6. CENTRE FOR TEACHING EXCELLENCE**

The Director, Catherine Schryer, will present this item.

**8. REPORT OF THE CHAIR**

The Chair will provide a brief 'Environmental Scan.' Names of the recipients of honorary degrees and other honours, to be conferred at spring convocation, will be announced.

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

The Vice-President will report as appropriate, including on the Abu Dhabi initiative, with assistance from Leo Rothenburg (Chair, Civil & Environmental Engineering) and Tom Duever (Chair, Chemical Engineering).

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

The Vice-President will report as appropriate.

**11. REPORT OF THE VICE-PRESIDENT, UNIVERSITY RESEARCH**

The Vice-President will report as appropriate.

**12. REPORTS FROM COMMITTEES AND COUNCILS**

**Graduate & Research Council.** The Committee agreed to forward this report to Senate for approval and information as indicated.

**Undergraduate Council.** The Committee agreed to forward this report to Senate for approval and information as indicated.

**University Committee on Student Appeals.** The Committee agreed to forward this report to Senate for information.

**13. OTHER BUSINESS**

**COU Academic Colleague Election.** A ballot will be at Senators' places.

University of Waterloo  
SENATE  
Report of the Chair  
April 21, 2008

FOR INFORMATION

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**Recognition and Commendation**

Mechanical & Mechatronics Engineering students **Andrew Zwart**, **Matthew Rendall**, **Kenneth Lee** and **Simon Lancaster-Larocque** won first place for their virtual button technology in the innovation design category at this year's Ontario Engineering Competition. Through the use of micro-sensors and vibrational mechanics, the technology replaces mechanical buttons and touch screens in devices such as cell phones. Waterloo engineering teams also won awards in two other categories at the OEC, placing second in the parliamentary debate competition, in which teams debated engineering issues, and third in the senior team design category.

Three Civil & Environmental Engineering graduate students won this year's American Water Works Association awards: **Jianping Zhang** placed first in the best doctoral dissertation category, and **Quinn Kathleen Crosina** placed first and **Jeffrey DeLoyde** second in the best Master's thesis category.

University of Waterloo  
REPORT OF THE DEAN OF APPLIED HEALTH SCIENCES TO SENATE  
April 21, 2008

FOR INFORMATION

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**A. APPOINTMENTS**

**Cross Appointment**

**YI, Grace**, Associate Professor, Faculty of Mathematics to Faculty of Applied Health Sciences, Department of Health Studies & Gerontology, March 1, 2008 to February 28, 2009.

**Adjunct Appointment**

**MacLaurin, Tanya**, Associate Professor, Department of Recreation & Leisure Studies, January 1, 2008 to December 31, 2010.

**B. ADMINISTRATIVE REAPPOINTMENT**

**GILBERT, Adrienne**, Associate Chair, Undergraduate Studies, Department of Recreation & Leisure Studies, July 1, 2008 to June 30, 2012.

**C. RESIGNATION**

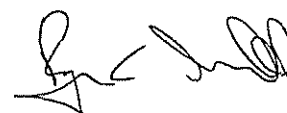
**FRAZER, Mardon**, Continuing Lecturer, Department of Kinesiology, May 1, 2008.

**FOR APPROVAL BY THE BOARD OF GOVERNORS**

**D. SABBATICALS**

**MAIR, Heather**, Assistant Professor, Department of Recreation & Leisure Studies, September 1, 2008 to February 28, 2009 at 100% salary.

**RYMAN, Rhonda**, Associate Professor, Department of Recreation & Leisure Studies, September 1, 2008 to August 31, 2009 at 100% salary.



Roger C. Mannell, Dean  
Applied Health Sciences

**University of Waterloo**  
**REPORT OF THE DEAN OF THE FACULTY OF ARTS TO SENATE**  
**April 21, 2008**

**FOR INFORMATION**

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**A. APPOINTMENTS**

**Probationary Term Appointments**

**BALLARD, Robert** (BS Colorado State University, 1997; MS Colorado State University, 1999; PhD expected completion, June 2008), Assistant Professor, Department of Drama & Speech Communication, July 1, 2008 to June 30, 2011. Robert Ballard joins the Speech Communication program in the Department of Drama & Speech Communication. He brings expertise in interpersonal and organizational communication, communication ethics, and leadership. Specifically, he applies communication ethics to analyze communication in interpersonal, group, public, organizational, and international settings. His teaching evaluations at the University of Denver have been excellent. Robert's work will contribute to the Speech Communication program in the areas of Interpersonal and Organizational Communication, Communication Ethics, and Leadership.

**ZIMMERMAN, Amber Lynn** (BA Concordia University, 1999; MA San Diego University, 2003; PhD Southern Illinois University at Carbondale, 2007), Assistant Professor, Department of Drama & Speech Communication, July 1, 2008 to June 30, 2011. Amber Zimmerman joins the Speech Communication program in the Department of Drama & Speech Communication. Integrating a background in leadership, critical-cultural studies, and performance methodologies, she researches communicative phenomena from multiple perspectives. Amber won the Dissertation Research Award in the Department of Speech Communication at Southern Illinois University at Carbondale in 2007. Her teaching record is excellent. Amber's experience and academic background will strengthen the Speech Communication program in the areas of Leadership, Performance Studies, and Small Group, Intercultural, and Public Communication.

**Adjunct Appointments**

**CHAN-REYNOLDS, Michael**, Assistant Professor, Department of Psychology, January 1, 2008 to August 31, 2009.

**KERTON, Robert** (Professor Emeritus), Professor, Department of Economics, July 1, 2008 to June 30, 2009.

**MUSSONI, Maurizio**, Professor, Department of Economics, January 1, 2008 to April 30, 2008.

**MYZELEV, Alla**, Assistant Professor, Department of Fine Arts, January 1, 2008 to April 30, 2008.

**Adjunct Reappointments**

**ADOMDZA, Gordon**, Lecturer, Department of Economics, May 1, 2008 to August 31, 2008.

**ARORA, Harp**, Lecturer, Department of Economics, January 1, 2008 to April 30, 2008.

**DRIMBE, Daciana**, Lecturer, Department of Economics, May 1, 2008 to August 31, 2008.

**EULETTE, Lynette**, Professor, Department of Psychology, January 1, 2008 to August 31, 2008.

**HANNAN, Usman**, Lecturer, Department of Economics, May 1, 2008 to August 31, 2008.

**HERAUF, Herbert**, Associate Professor, School of Accounting & Finance, January 1, 2008 to August 31, 2008.

**HOEFERT, Sigfrid** (Professor Emeritus), Professor, Department of Germanic & Slavic Studies, January 1, 2008 to August 31, 2008.

**HUTTER, Daniel**, Lecturer, Department of Classical Studies, May 1, 2008 to August 31, 2008.

**KLEINKNECHT, Steven**, Lecturer, Department of Sociology, May 1, 2008 to August 31, 2008.

**MACDONALD, Robert**, Assistant Professor, Department of Anthropology, January 1, 2008 to April 30, 2008.

**MAES, Nick**, Assistant Professor, Department of Classical Studies, May 1, 2008 to August 31, 2008.

**NOLAN, Kathleen**, Lecturer, Department of Political Science, January 1, 2008 to August 31, 2008.

**PICARD, Derek**, Lecturer, Department of Economics, May 1, 2008 to August 31, 2008.

**PYNE, Derek**, Assistant Professor, Department of Economics, January 1, 2008 to August 31, 2008.

**SPROULE, Robert**, Lecturer, School of Accountancy, January 1, 2008 to April 30, 2008.

**TRIMARCHI, Angela**, Lecturer, Department of Economics, May 1, 2008 to August 31, 2008.

**TUCKER, Trent**, Lecturer, Department of Economics, May 1, 2008 to August 31, 2008.

**VAN DE WAAL, Corey**, Lecturer, Department of Economics, May 1, 2008 to August 31, 2008.

**VAUGHAN, Mary Ann**, Lecturer, Department of Economics, May 1, 2008 to August 31, 2008.

**VERA-QUINN, Regina**, Lecturer, Department of Spanish & Latin American Studies, May 1, 2008 to August 31, 2008.

**Cross Reappointment**

**WIRJANTO, Tony**, Professor, Department of Economics to School of Accounting & Finance, March 1, 2008 to February 28, 2011.

**Staff Appointment to Faculty**

**TEAHEN, Kelley** (*Communications & Public Affairs*), Lecturer, Department of English Language & Literature, January 1, 2008 to April 30, 2008.

**Research Appointments**

**DE PASQUALE, Jean-Frederic**, Assistant Professor, Department of Philosophy, January 1, 2008 to December 31, 2008.

**HARRIGAN, Kevin**, Associate Professor, Department of Drama & Speech Communication, January 1, 2008 to December 31, 2012.

**Student Appointed as Adjunct Lecturer**

**FRANK, Kristyn**, Lecturer, Department of Sociology, May 1, 2008 to August 31, 2008.

**B. ADMINISTRATIVE APPOINTMENTS**

**BOYCHUK, Gerard**, Director of the Global Governance Program, July 1, 2008 to June 30, 2011.

**EASTON, Fraser**, Chair, Department of English Language & Literature, July 1, 2008 to June 30, 2011.

**KENNEDY, Duane**, Associate Director, Strategies, School of Accounting & Finance, February 1, 2008 to June 30, 2009.

**LAWSON, Kate**, Associate Chair, Undergraduate Studies, Department of English Language & Literature, January 1, 2008 to June 30, 2009.

**MUIRHEAD, Bruce**, Associate Dean, Graduate Studies & Research, Faculty of Arts, May 1, 2008 to April 30, 2012.

**MUSZYNSKI, Alicja**, Director, Women's Studies, Faculty of Arts, May 1, 2008 to April 30, 2011.

**RUSSELL, Grant**, Associate Director, Undergraduate and Master's Program, School of Accounting & Finance, February 1, 2008 to June 30, 2009.

**Administrative Reappointments**

**BURT, Sandra**, Interim Director and Interim Board Chair, Women's Studies, Faculty of Arts, November 1, 2007 to April 30, 2008.

**STILLAR, Glenn**, Chair, Canadian Centre of Arts and Technology, January 1, 2008 to December 31, 2008.

**C. RESIGNATION**

**BESSER-JONES, Lorraine**, Assistant Professor, Department of Philosophy, effective June 30, 2008.

**D. SABBATICALS**

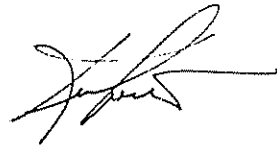
**COOPER, Andrew Fenton**, Professor, Department of Political Science, July 1, 2008 to June 30, 2009, twelve months at 85% salary.

**DEJUAN, Joseph**, Associate Professor, Department of Economics, September 1, 2008 to August 31, 2009, twelve months at 85% salary.

**HIRSCHKOP, Ken**, Associate Professor, Department of English Language & Literature, July 1, 2008 to December 31, 2008, six months at 85% salary.

**MIRAGLIA, Anne Marie**, Associate Professor, Department of French Studies, January 1, 2009 to June 30, 2009, six months at 85% salary.

**STOLZ, Jennifer**, Associate Professor, Department of Psychology, July 1, 2008 to June 30, 2009, twelve months at 85% salary.

A handwritten signature in black ink, appearing to read 'Ken S. Coates', with a long horizontal flourish extending to the right.

Ken S. Coates  
Dean, Faculty of Arts

University of Waterloo  
REPORT OF THE DEAN OF ENGINEERING TO SENATE  
April 21, 2008

FOR INFORMATION

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A. **APPOINTMENTS**

**Definite Term Reappointment – full-time**

**BISHOP, William**, Lecturer, Department of Electrical & Computer Engineering,  
February 1, 2008 - January 31, 2011.

**Visiting Appointments**

**BAKA, Mohamed**, Scholar, Center for Business, Entrepreneurship & Technology,  
May 1, 2008 – April 30, 2009.

**BHAKTA, Arti**, Scholar, Department of Chemical Engineering, November 26, 2007 –  
February 25, 2008.

**CHEN, Feihu**, Scholar, Department of Mechanical & Mechatronics Engineering,  
January 9, 2008 – January 8, 2009.

**HONRADO, Jean-Christophe**, Department of Chemical Engineering, April 1, 2008 –  
September 15, 2008.

**KHUNSAENG-ARUN, Sudarat**, Scholar, Department of Chemical Engineering,  
March 15, 2008 – July 15, 2008.

**MOJUMDAR, Subhash**, Scholar, Department of Chemical Engineering, February 29, 2008 –  
May 28, 2008.

**SHAN, Hangguan**, Scholar, Department of Electrical & Computer Engineering, October 1,  
2007 – September 30, 2008.

**SUN, Yipin**, Scholar, Department of Electrical & Computer Engineering, November 1, 2008 –  
October 31, 2010.

**VOS, Roel**, Scholar, Department of Systems Design Engineering, March 3, 2008 – June 2, 2008.

**YANG, Hong**, Scholar, Department of Chemical Engineering, March 1, 2008 – August 31, 2008.

**Visiting Re-appointments**

**XIA, Mingsheng**, Scholar, Department of Mechanical & Mechatronics Engineering, February 1,  
2008 – April 30, 2008.

**YAO, Weifang**, Researcher, Department of Chemical Engineering, January 1, 2008 – April 30,  
2008.

**Adjunct Appointments**

**ANDREWS, Susan**, Associate Professor, Department of Civil & Environmental Engineering,  
May 1, 2008 – April 30, 2011.

**APLEVICH, Dwight**, Professor, Professor Emeritus, Department of Electrical & Computer

Engineering, March 1, 2008 – February 28, 2011.

**AREIBI, Shawki**, Associate Professor, Department of Electrical & Computer Engineering, September 1, 2007 – August 31, 2010.

**GOLNARAGHI, Farid**, Professor, Department of Mechanical & Mechatronics Engineering September 1, 2008 – August 31, 2011.

**LEE, Tom**, Assistant Professor, Department of Systems Design Engineering, March 1, 2008 – February 28, 2011.

**MISHRA, Raja**, Professor, Department of Mechanical & Mechatronics Engineering, January 1, 2008 – December 31, 2010.

**MYLOPOULOS, John**, Professor, Department of Electrical & Computer Engineering, March 1, 2008 – February 28, 2011.

**ZAPATA-CANCELADO, Maria**, Lecturer, Department of Civil & Environmental Engineering, January 1, 2008 – April 30, 2008.

#### **Adjunct Reappointments**

**JUNG, Jae Pil**, Professor, Department of Mechanical & Mechatronics Engineering, February 1, 2008 – August 31, 2008.

**LAWRENCE, Barney**, Lecturer, Engineering Undergraduate Studies Office, May 1, 2008 – December 31, 2008.

**MATYAS, Elmer**, Professor, Department of Civil & Environmental Engineering, September 1, 2006 – August 31, 2008.

#### **Change in Appointment**

**WASLANDER, Steven**, Probationary Term Appointment, Assistant Professor, Department of Mechanical & Mechatronics Engineering, was April 1, 2008 – June 30, 2011, changed to July 1, 2008 – June 30, 2011.

#### **Graduate Student Appointed as Part-time Lecturers**

**LIN, Xiaodong**, Department of Electrical & Computer Engineering, January 1, 2008 – April 30, 2008.

#### **B. ADMINISTRATIVE REAPPOINTMENTS**

**MEDLEY, John**, Associate Chair, Graduate Studies, Department of Mechanical & Mechatronics Engineering, May 1, 2008 – August 31, 2008.

#### **C. RESIGNATIONS**

**ANDREWS, Susan**, Professor, Department of Civil & Environmental Engineering, April 30, 2008.

**GOLNARAGHI, Farid**, Professor, Department of Mechanical & Mechatronics Engineering, August 31, 2008.

#### **D. RETIREMENTS**

**APLEVICH, Dwight**, Professor, Department of Electrical & Computer Engineering, February 29, 2008.

**FOR APPROVAL BY THE BOARD OF GOVERNORS**

**E. SABBATICAL**

**HUCK, Peter**, Professor, Department of Civil & Environmental Engineering, January 1, 2009 – June 30, 2009 at 85% salary.

**KARRAY, Fakhri**, Professor, Department of Electrical & Computer Engineering, September 1, 2008 – August 31, 2009 at 85% salary.

**TOLSON, Bryan**, Assistant Professor, Department of Civil & Environmental Engineering, September 1, 2008 – February 28, 2009 at 100% salary.

**XU, Lei**, Associate Professor, Department of Civil & Environmental Engineering, September 1, 2008 – February 28, 2009 at 85% salary.



Adel S. Sedra  
Dean, Faculty of Engineering

**University of Waterloo**  
**REPORT OF THE DEAN OF ENVIRONMENTAL STUDIES TO SENATE**  
**April 21, 2008**

**FOR INFORMATION**

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**A. APPOINTMENTS**

**Adjunct Appointment**

**SOLONZ, Danielle**, Lecturer, Department of Geography, January 1, 2008 to April 30, 2008

**Cross Appointments**

**GIBSON, Robert**, Professor, Department of Environment & Resource Studies to the School of Planning, July 1, 2007 to June 30, 2010

**MURPHY, Stephen**, Associate Professor, Department of Environment & Resource Studies to the School of Planning, May 1, 2006 to April 30, 2010.

**YOUNG, Steven**, Associate Professor, Centre for Environment & Business to Department of Environment & Resource Studies, July 1, 2008 to August 31, 2010.



H. Deep Saini  
Dean

/aew

University of Waterloo  
REPORT OF THE DEAN OF MATHEMATICS TO SENATE  
April 21, 2008

FOR INFORMATION

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A. **APPOINTMENTS**

**New Probationary Term**

**KARIGIANNIS, Spiro** (BSc, 1997, McGill University; AM, 1998; PhD, 2003, both from Harvard University), Assistant Professor, Dept. of Pure Mathematics, July 1, 2008 – June 30, 2011. Dr. Karigiannis obtained his PhD from Harvard in 2003. Since then he has held positions at McMaster University as an NSERC post-doctoral fellow, at Michigan State as a research instructor, and as a post-doctoral fellow at the elite Mathematical Sciences Research Institute at Berkeley. Currently he is a Marie Curie International Fellow at Oxford. He is the author of six refereed publications in outstanding international journals, and he has spoken at scores of seminars and conferences world wide. In the five years since his PhD, Dr. Karigiannis has established himself as a leading expert in the area of G2 manifolds. This is a specialty within the field of differential geometry, which is a core international research discipline having close connections to physics. Dr. Karigiannis will bring a new dimension of leadership into the Department's geometry group. His enthusiasm for research activity and collaborations, for graduate supervision, and for teaching at all levels will truly strengthen Waterloo as a cluster of excellence in differential geometry. This will stimulate new interest in us on the part of outside researchers and especially students.

**New Definite Term - full-time**

**INGRAM, Patrick** (BSc, 1999, Simon Fraser University; MSc, 2002; PhD, 2006, both from the University of British Columbia), Assistant Professor, Dept. of Pure Mathematics, July 1, 2008 – June 30, 2011. Dr. Ingram will teach five courses during this appointment as well as engage in independent mathematical research and supervise or co-supervise the research of students in an undergraduate or graduate degree program.

**Visiting Appointments**

**LEE, Jiyeon** (Yeungnam University), Professor, Dept. of Statistics & Actuarial Science, September 1, 2008 – August 31, 2009.

**MÉNISSIER-MORAIN, Valérie** (Université Pierre et Marie Curie), Associate Professor, David R. Cheriton School of Computer Science, July 1, 2008 – August 31, 2009.

**SOTAKOVA, Miroslava** (University of Aarhus), Scholar, Dept. of Combinatorics & Optimization, February 1, 2008 – June 30, 2008.

**Adjunct Appointments**

**CHOUDHRY, Ishtiag**, Lecturer, David R. Cheriton School of Computer Science, May 1, 2008 – August 31, 2008.

**FUCHS, Christopher** (Perimeter Institute for Theoretical Physics), Assistant Professor, Dept. of Applied Mathematics, March 1, 2008 – February 28, 2011.

**Adjunct Reappointments**

**CHINAEI, Amir**, Lecturer, David R. Cheriton School of Computer Science, May 1, 2008 – August 31, 2008.

**DICKEY, Leroy**, Associate Professor Emeritus, Dept. of Pure Mathematics, May 1, 2008 – April 30, 2011.

**KIERSTEAD, Caroline**, Lecturer, David R. Cheriton School of Computer Science, May 1, 2008 – August 31, 2008.

**LI, Jiye** (York University), Lecturer, David R. Cheriton School of Computer Science, May 1, 2008 – August 31, 2008.

**RADJAVI, Heydar**, Professor, Dept. of Pure Mathematics, September 1, 2009 – August 31, 2014.

**Cross Appointment**

**YI, Grace** (Associate Professor, Dept. of Statistics & Actuarial Science), in the Dept. of Health Studies & Gerontology, March 1, 2008 – February 28, 2009.

**Change in Appointment**

**EDEN, Mike**, Lecturer, Office of the Dean (ref. Dean's Report to Senate, December 2007)

From: February 1, 2008 – January 31, 2009

To: March 1, 2008 – February 29, 2012

**Graduate Students Appointed as Part-time Lecturers**

**CAMIRE, Patrice**, Dept. of Pure Mathematics, May 1, 2008 – August 31, 2008.

**CHEN, Eric**, David R. Cheriton School of Computer Science, May 1, 2008 – August 31, 2008.

**Graduate Students Reappointed as Part-time Lecturers**

**BRAMWELL, Mark**, David R. Cheriton School of Computer Science, May 1, 2008 – August 31, 2008.

**CHEN, Hao**, David R. Cheriton School of Computer Science, May 1, 2008 – August 31, 2008.

**KERR, Reid**, David R. Cheriton School of Computer Science, May 1, 2008 – August 31, 2008.

**SELBY, Jason**, David R. Cheriton School of Computer Science, May 1, 2008 – August 31, 2008.

**Postdoctoral Fellow Appointed as Part-time Lecturer**

**LAISHRAM, Shanta**, Dept. of Pure Mathematics, January 1, 2009 – August 31, 2009.

**Postdoctoral Fellow Reappointed as Part-time Lecturer**

**KAMENSKY, Moshe**, Dept. of Pure Mathematics, August 1, 2008 – July 31, 2009.

**B. ADMINISTRATIVE REAPPOINTMENT**

**VANDEBURGH, Ian**, Director, Center for Education in Mathematics & Computing, July 1, 2008 – June 30, 2011.

**ALREADY APPROVED BY THE BOARD OF GOVERNORS**

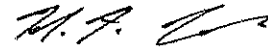
**C. SABBATICALS**

**STEINER, Stefan**, Associate Professor, Dept. of Statistics & Actuarial Science, September 1, 2008 – August 31, 2009 with 85% salary.

**D. SPECIAL LEAVE**

**KARIGIANNIS, Spiro**, Assistant Professor, Dept. of Pure Mathematics, July 1, 2008 – December 31, 2008.

**SHIODA, Romy**, Assistant Professor, Dept. of Combinatorics & Optimization, March 1, 2008 – August 31, 2008.



Thomas F. Coleman  
Dean

**University of Waterloo**  
**REPORT OF THE DEAN OF SCIENCE TO SENATE**  
**April 21, 2008**

**FOR INFORMATION**

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**A. APPOINTMENTS**

**New Probationary Appointment**

**EDGINTON, Andrea N.**, Assistant Professor, School of Pharmacy, April 1, 2008 to June 30, 2011. [B.Sc., University of Guelph (1998); Ph.D., University of Guelph (2004).] While Dr. Edginton was completing research in environmental toxicology she entered the world of toxicokinetics. This created a broader interest in biological kinetic phenomenon, including medications. Dr. Edginton moved to Bayer Technology Services in Leverkusen, Germany in 2004, where her post-doctoral fellowship focussed on physiology-based pharmacokinetic modelling. In particular, she developed a pediatric scaling method and a generic PBPK model applicable for use in predicting pharmacokinetics in children. Dr. Edginton is joining our School of Pharmacy to spearhead the pharmacokinetic educational requirements for both undergraduate and graduate programs. Her research will continue in the important world of optimizing medication use in children through a combination of integrated modelling, simulation techniques and experimentation.

**Definite Term – Appointment – Full-time**

**PETERSON, Rachael C.**, Research Assistant Professor, School of Optometry, January 1, 2008 to December 31, 2009. [B.Sc., Aston University (2002); Ph.D., Aston University (2006).] Rachael Peterson followed her optometry degree by pre-registration training in the ophthalmology department at the Queen's Medical Centre Hospital in Nottingham, during which time she undertook research into quality of life for low vision patients. She returned to Aston and began her Ph.D. in November 2003. Her Ph.D. thesis examined methods to improve ocular surface grading and was completed in 2006. In January 2007 she joined the Centre for Contact Lens Research at the University of Waterloo as a postdoctoral fellow. Her current work focuses on optimising anterior ocular assessments with subjective and computer-based technology, corneal cellular biological comparisons and examinations into the etiology behind corneal staining. This work has attracted much attention on the international stage, with three key manuscripts published in highly respected ophthalmology journals, due to the relatively recent observation of increased superficial epithelial compromise that occurs with certain combinations of contact lens materials and care regimens. This has important implications for the 120 million patients who wear contact lenses worldwide. Dr. Peterson's work will provide valuable insight into why corneal staining occurs and how practitioners may best observe and record such staining. She has won awards for her work in low vision and anterior eye research and is a fellow of both the American Academy of Optometrists and the British Contact Lens Association.

**Adjunct Appointments**

**BANTSEEV, Vladimir**, Assistant Professor, Department of Biology, April 1, 2008 to March 31, 2011.

**BERNATH, Peter F.**, Professor, Department of Chemistry, July 1, 2008 to August 31, 2011.

**McLENAGHAN, Raymond G.**, Professor, Department of Physics and Astronomy, April 1, 2008 to March 31, 2011.

**WU, Jingcun (Jeff)**, Professor, Department of Chemistry, February 1, 2008 to August 31, 2011.

**Adjunct Reappointments**

**ANEJA, Punita**, Assistant Professor, Department of Biology, April 1, 2008 to March 31, 2011.

**CATTET, Marc R.L.**, Assistant Professor, Department of Biology, June 1, 2008 to May 31, 2011.

**RILEY, Stephen C.**, Associate Professor, Department of Biology, June 1, 2008 to May 31, 2011.

**SMITH, Matthew D.**, Assistant Professor, Department of Biology, May 1, 2008 to April 30, 2011.

**WATSON, Susan**, Professor, Department of Biology, July 1, 2008 to June 30, 2011.

**WINTER, Jennifer G.**, Assistant Professor, Department of Biology, May 1, 2008 to April 30, 2011.

**Cross Appointments**

**HESJEDAL, Thorsten**, Associate Professor, Department of Electrical and Computer Engineering cross appointed to Department of Chemistry, February 1, 2008 to August 31, 2011.

**HESJEDAL, Thorsten**, Associate Professor, Department of Electrical and Computer Engineering cross appointed to Department of Physics and Astronomy, February 1, 2008 to January 31, 2011.

**STOLEE, Paul**, Associate Professor, Department of Health Studies and Gerontology cross appointed to School of Optometry, February 1, 2008 to January 31, 2011.

**Postdoctoral Fellow Appointed as Part-time Lecturer**

**ZHANG, Jian (Jason)**, Lecturer, Department of Earth & Environmental Sciences, January 1, 2008 to April 30, 2008.

**FOR APPROVAL BY THE BOARD OF GOVERNORS**

**B. SABBATICAL LEAVE**

**GUILLEMETTE, J. Guy**, Associate Professor, Department of Chemistry, January 1, 2009 to June 30, 2009, 100% salary arrangement.



T.B. McMahon  
Dean

TBM/lw

# Memo

**To:** Lois Claxton  
**From:** Ken Lavigne, Registrar  
**Date:** April 2, 2008  
**Re:** Conferral of Degrees, April 2008

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Following is a list of graduands who have been issued their degrees early to support employment or immigration requirements outside of Canada. Please include them for information at the next Senate meeting. These degrees have been issued according to the Senate directive of March 27, 2000, which delegates "to the President and the Registrar authority to grant a degree/diploma/certificate when circumstances necessitate outside the normal schedule for such approvals by Senate.

<b>Last Name</b>	<b>First Name</b>	<b>Degree</b>	<b>Plan Description</b>
Chen	Zhen	BMath	Three-year General
Mackenzie	Martin	BMath	Honours Co-op Combinatorics & Optimization, Computer Science Minor
Martin	Kaitlin	BES	Honours Geography
Tchouikevitch	Margaryta	BSE	Honours Co-op Software Engineering
Vadeboncoeur Plante	Mariane	BA	Honours Recreation & Business
Waechter	Ryan	BMath	Three-year General

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To: Senate

From: Lois Claxton

Date: March 28, 2008

Subject: **Elections to Senate Committees and Councils and to the Board of Governors and Board Executive Committee**

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Elections to the Executive and Honorary Degrees Committees, Graduate & Research and Undergraduate Councils, Committee on Student Appeals, and the Board of Governors will take place at the beginning of the meeting. Elections to Finance and Long Range Planning will take place when the results of the Executive election are known. If a Senator's name is on Finance, but has been elected to Executive, then that name is deleted from the Finance ballot. Similarly, if a Senator's name is on Long Range Planning, but has been elected to either Executive or Finance, then that name is deleted from the Long Range Planning ballot. Further nominations to Senate Committees and Councils and to the Board of Governors will be accepted from the floor.

**University of Waterloo**  
**SENATE GRADUATE & RESEARCH COUNCIL**  
**Report to Senate**  
**April 21, 2008**

Senate Graduate & Research Council met on March 17, 2008 and agreed to forward the following items to Senate for approval and information [*further details are available from the Secretary, ext. 35924.*]

**FOR APPROVAL**

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**PROGRAM CHANGE** [*effective September 1, 2008*]

**Faculty of Engineering**  
**Master of Business, Entrepreneurship & Technology**

Motion: To reduce the number of courses required from ten to eight, as described below:

Rationale: The MBET program originally consisted of ten courses plus soft skills modules and a practicum. The software skills modules were converted into a course (BET 611) in 2004 to provide a stronger organizational structure and additional incentive for students to complete the modules. The result is a program with 11 courses plus a practicum. This is a heavy load, and is inconsistent with the number of courses in other Master's programs offered within the Faculty of Engineering. The proposal is to remove two courses from the program, BET 607 and 608. The material in BET 607 (law) and 608 (tax) is very specific, and experience suggests that it is tangential to the needs of young entrepreneurs and new venture companies. An introduction to the legal and tax requirements for early stage organizations can be met through other MBET courses. Advice for more complex problems can be sought from accounting and law service providers. After deleting BET 607 and 608, the MBET program consists of nine courses and the practice requirement.

**FOR INFORMATION**

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On behalf of Senate, Council approved new and revised courses and milestones, and program changes for the Faculties of Arts (Classical Studies, Global Governance, Greek, History, Latin, Near Eastern Studies, Russian, Psychology, Sociology), Engineering (Business, Entrepreneurship & Technology), Mathematics (Computer Science, Statistics & Actuarial Science), and Science (Biology, Physics & Astronomy).

Council also approved one new scholarship and one revised scholarship – McConnell Fellowships in Social Innovation (each Fellowship will have a cash value of \$7,000 per semester for a maximum of \$21,000 annually with possible renewal for up to five years) and additional Balsillie Fellowships (additional \$180,000 per year for 10 years which will be matched by the University at \$120,000 per year for 10 years).

*tlc* Alan George  
Dean of Graduate Studies

George Dixon  
Vice-President, University Research

**University of Waterloo**  
**SENATE UNDERGRADUATE COUNCIL**  
**Report to Senate**  
**April 21, 2008**

Senate Undergraduate Council met on March 18, 2008 and agreed to forward the following items to Senate for approval and information, as indicated below *[further details may be obtained from the Secretary, ext. 33183]*.

**FOR APPROVAL**

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**NEW ACADEMIC PLANS [effective September 1, 2009]**

**Faculty of Mathematics**

**Information Technology Management**

**Honours Bachelor of Mathematics, Information Technology Management**

**Motion:** To approve this new plan as follows:

**Information Technology Management**

The effective management of information technology is now a mission-critical component of virtually every enterprise. This plan is designed to equip graduates with the skills necessary to apply modern technology solutions to business processes.

Combining technical courses in computer science, business statistics, optimization and finance with business courses in marketing, project management, electronic business and strategic management of technology, students will be well prepared for exciting careers in business.

Information Technology Management is a restricted-enrolment plan. Students are normally admitted at the Year One level into the Mathematics/Business Administration admission category. In Year Two, provided they remain eligible for an honours program, such students may select the Information Technology Management plan.

Students admitted to the Faculty in other admission categories may subsequently apply for transfer into Information Technology Management at a later date. However, to be admitted, such applicants will normally be required to have a "Good" or "Excellent" academic standing with a minimum 70.0 cumulative overall average (CAV) based on at least 5.0 units of non-excluded courses.

In conjunction with the common degree requirements in Table I in "Degree Requirements," this plan requires 20 Math courses. These overall requirements must include the Faculty core courses outlined in Table II in "Degree Requirements" and the following courses:

All of

- MATH 239 (or MATH 249) Introduction to Combinatorics
- ACTSC 371 Corporate Finance 1
- CO 350 Linear Optimization or CO 355 Mathematical Optimization
- CS 230 Introduction to Computers and Computer Systems
- CS 330 Management Information Systems
- CS 338 Computer Applications in Business: Databases
- CS 430 Applications Software Engineering
- CS 432 Business Systems Analysis
- CS 436 Distributed Computer Systems
- STAT 371 Statistics for Business 1
- STAT 372 Statistics for Business 2

All of

- AFM 101 Core Concepts of Accounting Information
- AFM 102 Introduction to Managerial Accounting
- BUS 111W Introduction to Business Organization

BUS 121W Functional Areas of the Organization  
BUS 352W Introduction to Marketing Management  
BUS 481W Business Policy 1  
COMM 431 Project Management  
COMM 432 Electronic Business  
ECON 101 Introduction to Microeconomics  
ECON 102 Introduction to Macroeconomics  
MSCI 211 Organizational Behaviour  
MSCI 311 Organizational Design and Technology  
MSCI 421 Strategic Management of Technology  
MTHEL 100 Commercial and Business Law for Mathematics Students  
STV 202 Design and Society

One ENGL or SPCOM course (0.5 unit).

Four additional free-choice elective courses (2.0 units).

#### Notes

1. *To graduate with an Honours BMath/Information Technology Management degree, students must achieve a cumulative average of at least 60% based upon all the required non-math courses. Exclusions (if any) from this "Special Major Average" (SMAV) are specified in section 1 under "Faculty Policies."*
2. *To remain eligible for Honours BMath/Information Technology Management plan, students must normally have a SMAV (see preceding note 1) of at least 60%.*
3. *The average requirements for non-math courses in Notes 1 and 2 above are in addition to the cumulative overall average (CAV) and major average (MAV) requirements specified in Table I "Degree Requirements" and described in detail in sections 1 through 4 under "Faculty Policies."*
4. *Students in this plan may elect to pursue a minor or option designation in any discipline except Computer Science.*

**Rationale:** This plan is part of the ongoing effort to improve and focus the Math/Business plans. The "Mathematics/Business Administration - Systems Management Option", (inactivated at the March Senate meeting) was not understood by many potential students, and did not have a specific focus on IT Management, which is an area of great interest for students and is in great need from employers. CECS undertook a co-op feasibility study and supports the introduction of this plan.

#### ACADEMIC PLAN CHANGES [effective September 1, 2009]

##### Faculty of Arts

##### Legal Studies

##### Financial Regulation Specialization

**Motion:** To require a minimum cumulative average of 70% in the Financial Regulation Specialization.

**Rationale:** The requirement of a minimum cumulative average of 70% matches the Four-Year General Legal Studies plan minimum cumulative average in core and approved courses.

#### INACTIVATION OF ACADEMIC PLANS [effective September 1, 2009]

##### Faculty of Arts

##### Legal Studies

##### Personal Finance Specialization

**Motion:** To inactivate the Personal Finance Specialization.

**Rationale:** Three recent course inactivations have significantly impacted the Personal Finance Specialization. Further, there has been little interest in this Specialization and no students are currently enrolled.

## **CHANGES TO REGULATIONS AND PROCEDURE [effective May 1, 2008]**

### **Faculty of Mathematics**

#### **Business/Mathematics**

**Motion:** To change the full-time term requirement from ten to nine for Business/Mathematics double degree students.

**Rationale:** This change parallels the reduction (from eight to seven) of the full-time term requirement for regular Honours Mathematics students.

## **FOR INFORMATION**

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### **Curricular Modifications**

On behalf of Senate, Council approved changes to academic plans, new courses, course changes and course inactivations for the Faculties of: Arts (Accounting & Finance; Arts; Drama & Speech Communication; Fine Arts; French Studies; Germanic & Slavic Studies; Human Sciences; Interdisciplinary Social Science; Legal Studies; Music; Peace & Conflict Studies; Philosophy; Political Science; Political Science/History; Psychology; Religious Studies; Russian & East European Studies; Sexuality, Marriage & Family Studies; Social Development Studies; Sociology); Engineering (Chemical Engineering; Civil & Environmental Engineering; Electrical & Computer Engineering; General Engineering; Management Sciences; Mechanical & Mechatronics Engineering; Systems Design Engineering); Environment (Environment & Resource Studies); Mathematics (Applied Mathematics; Business/Mathematics; Computer Science; Mathematics; Pure Mathematics); and Software Engineering.

/kjj  
March 25, 2008

Geoff McBoyle  
Chair

**University of Waterloo**  
**UNIVERSITY COMMITTEE ON STUDENT APPEALS (UCSA)**  
**REPORT TO SENATE**  
**April 21, 2008**

**FOR INFORMATION**

Policies 70 and 71 (*Student Grievance* and *Student Academic Discipline*) require UCSA to report annually to Senate on the number of cases heard at the University and Faculty levels, their nature and such recommendations as it sees fit to make with respect to matters under its jurisdiction. Included is a summary of activity and related matters for **September 2006- August 2007**.

In an attempt to preserve confidentiality, cases are not reported by Faculty, unit or program. Annual summaries (with identifying student and Faculty names removed) of all discipline cases, grievances and appeals are posted to the Secretariat's website; [www.secretariat.uwaterloo.ca/students/infoforstudents.htm](http://www.secretariat.uwaterloo.ca/students/infoforstudents.htm).

**Summary of Student Discipline Cases**

DISCIPLINE OFFENCE	UNDERGRADUATES and NON- and POST-DEGREE		GRADUATE STUDENTS	
	2005-06	2006-07	2005-06	2006-07
Cheating	405	491	0	1
Plagiarism (use of Internet / web sources)	149 (28)	98 (31)	4 (1)	2 (0)
Misrepresentation	9	11	1	0
Harassment, unethical behaviour, <i>non-academic misconduct</i>	7 2 w/ criminal act	11 1 criminal act	0	0
Misuse of resources	0	1	0	0
Number of students involved	570	612	5	3
UW enrolment/ Annual FTEs	21,113	22,368	2,415	3,023

**Cheating** (collusion, excessive collaboration, unauthorized aids, other violations of exam regulations)

INCIDENTS REPORTED	<u>undergraduates: year of study</u>				non- and post- degree	graduate students	totals
	1	2	3	4			
2005-06	207	99	60	32	7	0	405
2006-07	254	138	68	30	1	1	492

**Plagiarism** (use of Internet and web sources included in bold total and also reported on a separate line)

INCIDENTS REPORTED	<u>undergraduates: year of study</u>				non- and post- degree	graduate students	totals
	1	2	3	4			
<b>2005-06</b> (Internet)	<b>87*</b> (7)	<b>20*</b> (9)	<b>21*</b> (7)	<b>19*</b> (5)	2 (0)	4 (1)	153 (29)
2006-07	22 (10)	48 (8)	16 (8)	10 (4)	2 (1)	2 (0)	100 (31)

\*includes one case involving 86 students in three different Faculties but the same class: 76 first year students; three second year; five third year; two fourth year

### Grievances

Type	Successful	Unsuccessful	Total
Unfair testing procedures	3	1	4
Grade reassessment	6	7	13
Unfair practices	3	2	5
Exemption from a rule	2	2	4

### Appeals to Faculty Committees for Student Appeals and University Committee for Student Appeals

	Successful	Penalty Altered	Unsuccessful	Total
<b>FCSA</b>	2	0	6	8
<b>UCSA</b>	1	2	1	4

As in years past, UCSA stresses that students are responsible members of the University community and that the conduct of the vast majority is exemplary. When considered in light of the total UW student population, few disciplinary actions or instances of misconduct are reported. That said, UCSA agreed to draw the following matters to Senators' attention:

#### ***Academic Integrity***

The Committee chaired by Bruce Mitchell, Associate Provost, Academic and Student Affairs, submitted its report *Toward a Level Playing Field: Enhancing Academic Integrity at the University of Waterloo* on July 31, 2007. This Report together with amended Policies 70 (*Student Petitions and Grievances*) and 71 (*Student Discipline*), and new Policy 72 (*Student Appeals*) approved by Senate, February 25, 2008, are consistent with the Sixth Decade Plan which states "... UW will develop and implement a package of initiatives to educate and sensitize students, faculty and staff about academic integrity issues and appropriate behaviour."

#### ***Penalties***

The set of standard penalties, for first and multiple academic offences, determined as of September 2005 by the Undergraduate Associate Deans has been taken a step further. On February 25, 2008 Senate was informed of the Guidelines for the Assessment of Penalties for Academic Offences (first and multiple offences) for Undergraduate and Graduates, together with typical Penalties for Non-academic Offences. These Guidelines will be available on-line on the Secretariat's website and will be managed by the Associate Deans (Undergraduate and Graduate).

#### ***Policy – Student Petitions and Grievances, Student Discipline, Student Appeals***

Policies 70 (*Student Petitions and Grievances*), 71 (*Student Discipline*) and 72 (*Student Appeals*) were approved by the Board of Governors on April 1, 2008 and become effective on September 1, 2008. Each policy includes a three to five page policy statement, a procedural statement, a timeline chart of the process and a glossary of terms. These policies are more user friendly and cover both academic and non-academic discipline.

*Geoff McBoyle*  
Chair, UCSA  
April 4/08