

THE BULLETIN

UNIVERSITY OF TORONTO

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SARS Impact at U of T Monitored

By Jessica Whiteside
and Janet Wong

U OF T STUDENTS STUDYING abroad in areas affected by severe acute respiratory syndrome (SARS) can turn to a resource here at home for information and assistance.

U of T is the first Canadian university to have a staff member fully dedicated to the safety and health of students abroad, said Holly Luffman, who became the university's first-ever "safety abroad adviser" in November. Luffman is charged with providing health and safety information to students heading abroad for academic exchanges or internships and providing them with emergency support in crisis situations. She has been using e-mail to keep U of T students overseas abreast of SARS updates from the Department of Foreign Affairs and International Trade and Health Canada as well as from the partner universities hosting the students.

There are roughly 50 U of T students overseas in areas that Health Canada is monitoring for SARS; approximately 18 are in Hong Kong. Although Luffman knows of only five students who have made definite plans to come home, she expects that number to rise and said the university would provide support to help them finish their courses. She noted, however, that travel advisories have not been asking Canadians to return home and said it is important for students to realize that the risk of SARS is low for travellers at this point.

"I've learned a lot about SARS," said Luffman, noting that hand-washing is one way to reduce the risk of infection. "When you give advice to students, you want to make sure you're giving the most up-to-date advice."

It's not just students overseas whose activities may be affected by SARS outbreaks, however. Control measures imposed by the provincial government in hospitals across the Greater Toronto Area have also had an impact on some of U of T's health sciences programs.

As a precaution to help contain possible spread of the virus, some activities involving students in medicine, nursing, pharmacy,

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Governing Council Approves Tuition Schedule

By Nicolle Wahl

G OVERNING COUNCIL APPROVED the 2003-2004 tuition fee schedule for publicly funded programs by a vote of 24 to 16, with one abstention.

The vote on the schedules for publicly funded programs, including computer science, engineering, dentistry, management

and law, were the focus of the three-and-a-half hour meeting, at times generating spirited discussion between governors and guests in the council chambers.

The increase in law school tuition, which will rise by \$2,000 to \$16,000 next year, sparked the greatest discussion. A recent study conducted by Provost Shirley Neuman found that earlier

law tuition increases, when coupled with financial aid, have not reduced accessibility or had an impact on career choices by U of T law students compared with other Ontario law graduates.

In her opening remarks, Neuman noted that 75 per cent of U of T undergraduates will see increases of no greater than 1.9 per cent. "We have a responsibility

to set fees in ways that ensure fiscal responsibility in the university and we have the responsibility to ensure that we set fees in ways that ensure the quality of the programs that we offer," she said. Noting that the tuition fee strategy should reflect U of T's mission as an internationally significant

-See TUITION Page 4-

SHELTERED STUDY



Last week's ice storm may have put some of the winter weary over the edge but for many there is still a task at hand. Here, Mellissa Ouellette, a second-year political science major, hunkers down to study at the new Bahen Centre for Information Technology on St. George Street. Exams begin later this month.

CAZ ZYVATKAUSKAS

University Considers 4.45 Per Cent Budget Cut

By Jessica Whiteside

U OF T AIMS TO MAINTAIN ITS commitment to excellence in education and research while addressing the challenge of budget reductions proposed for the next fiscal year.

If approved by Governing Council May 1, the 2003-2004 operating budget would be balanced through a 4.45 per cent cut to base budgets. The cuts, totalling \$22.2 million overall, are needed to limit the accumulated deficit for the current six-year financial plan (ending 2003-2004) to a maximum of 1.5 per cent of the operating budget, as required by university policy. Despite the cuts, there would actually be a net increase to the divisional budgets of more than

\$39 million, compared with this year, in part because of enrolment growth. Total operating expenditures are budgeted at close to \$978 million.

"This budget is about fiscal prudence," said Provost Shirley Neuman, who presented the proposal to planning and budget committee March 26. She has been meeting with the university's deans over the past month to discuss strategies for managing the proposed cuts such as reducing some program offerings, increasing revenue-generating activities, using carry forward funds or leaving some positions vacant. The proposed budget allocates \$1.25 million to assist programs in transition that are unable to make the full cuts because of pre-existing commitments.

"Our challenge is to find creative, efficient and effective ways to deliver high-quality programs to more students within the budget," Neuman said in an interview. She added that U of T is not alone among North American universities in dealing with the prospect of budget cuts next year. In Ontario, a number of other universities are considering cuts of three to four per cent and many public research universities in the United States are facing budget

reductions of 10 per cent or higher, she said.

A combination of factors — including investment losses to be amortized over the next three to five years, a lower payout rate from endowment, high utility costs and provincial per-student funding that has failed to keep pace with inflation for more than a decade — have put U of T in the larger-than-expected deficit

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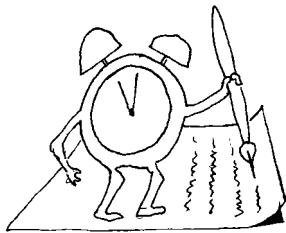
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TRUTH AND CONSEQUENCES

Constructing truth from media reports on Iraq no mean feat. Commentary. Page 11



IN BRIEF



LANGILLE APPOINTED ACTING DEAN OF FACULTY OF LAW

PROFESSOR BRIAN LANGILLE WILL SERVE AS ACTING DEAN OF THE FACULTY OF LAW from July 1, 2003 to June 30, 2004, following approval by Academic Board March 20. Current dean Ron Daniels will take a one-year leave from the university to serve as a visiting professor at Yale Law School. Since joining the Faculty of Law in 1983, Langille has been a distinguished scholar and teacher specializing in international and domestic labour law and has served two terms as an associate dean of graduate studies. He has also been an active member of Governing Council, Business Board and the executive committee since 1994.

BRINGING OUR SONS AND DAUGHTERS TO WORK

THE ST. GEORGE CAMPUS WILL SEE MORE THAN ITS USUAL COMPLEMENT OF faculty and staff May 6 — that's the day the university will host the annual Take Our Daughters and Sons to Work Day, an event previously held for girls only. In accordance with the Ms. Foundation, the founding organizer of this event, faculty and staff are welcome to bring their children (aged nine to 12) to their workplace for a day. The event will include a workplace experience in the morning, followed by lunch at the Medical Sciences building. (Parents are invited to have lunch as well, at a cost of \$5.) In the afternoon participants will listen to a distinguished keynote speaker, participate in a career workshop and attend a variety of departmental tours across campus. Registration forms will soon be available on the Web and at several campus locations or through the status of women office.

NEW ART GALLERY ANNOUNCED AT UNIVERSITY OF TORONTO AT SCARBOROUGH

THE UNIVERSITY OF TORONTO AT SCARBOROUGH IS PLANNING A NEW ART gallery and will name it in honour of renowned Canadian painter Doris McCarthy. UTSC has launched a \$1.3 million campaign to build the Doris McCarthy Gallery and Archives, named after one of its best known alumni. McCarthy, who received the Order of Canada in 1986 and the Order of Ontario in 1992, has had over 90 solo shows of her work since her first in 1933.

We Want to Hear From You!

IT HAS BEEN JUST OVER A YEARS SINCE *THE BULLETIN* WAS REDESIGNED AND almost four years since we last asked our readers what you think. In our ongoing efforts to improve the quality of the publication, we ask that you take a moment to fill out the yellow survey inside the fold and tell us what you really think. The survey can also be completed on *The Bulletin* online at www.newsandevents/bulletin. The information you provide will help us shape future editions of *The Bulletin*. To win a leather U of T leather jacket for your pains, please remember to fill out the bottom of the form so it can be entered into the draw to be held in September.

THE BULLETIN

UNIVERSITY OF TORONTO

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AWARDS & HONOURS

FACULTY OF ARTS & SCIENCE

PROFESSOR CARL AMRHEIN, DEAN OF ARTS AND SCIENCE, has been awarded the 2003-2004 Urmila (Uma) Sarkar Award, given by the Arts & Science Students' Union to a member of the university who has gone beyond the call of duty to assist students in the faculty. "Carl is nurturing and supportive to any student that goes to him for help," said ASSU president Ranjini Ghosh in announcing the award. Along with the prize, the association will donate \$500 to a charity of his choice.

FACULTY OF LAW

PROFESSOR PATRICK MACKLEM HAS BEEN NAMED ONE OF 30 Fulbright New Century Scholars for 2003. Now in its second year, this prestigious international research program brings together leading scholars and professionals from around the world to explore a specific research theme of global significance — this

year's research agenda is Addressing Sectarian, Ethnic and Culture Conflict Within and Across National Borders. Macklem is well known for his scholarly work on indigenous rights, multiculturalism and international human rights law.

FACULTY OF MEDICINE

PROFESSOR EMERITUS ANTHONY MILLER OF PUBLIC HEALTH sciences has been awarded the Medal of Honour of the International Agency for Research on Cancer, a part of the World Health Organization. The award recognizes Miller's long-term contributions to the agency as an external expert and visiting scientist. He was the first Canadian member of the agency's scientific council and served as its chair from 1984 to 1985. The mission of the agency is to co-ordinate and conduct research on the causes of human cancer, the mechanisms of carcinogenesis and to develop scientific strategies for cancer control.

Plummer, Egoyan Among Honorary Degree Recipients

By Lanna Crucefix

ACTOR CHRISTOPHER PLUMMER will be one of 18 honorary degree recipients at U of T's June convocation ceremonies June 4 to June 20.

Plummer, perhaps best known for his role as Captain Von Trapp in *The Sound of Music*, has appeared in over 50 films and created and performed concert versions of classics such as *Peer Gynt* and *A Midsummer Night's Dream*. He has won two Emmy Awards, a Tony Award and is a companion of the Order of Canada.

Other members of the arts community to be honoured at convocation ceremonies are: Atom Egoyan, filmmaker and Academy Award nominee; conductor Richard Bradshaw, general director of the Canadian Opera Company; and John Lawson,

supporter of arts organizations such as the Toronto Mendelssohn Choir and the National Youth Orchestra of Canada.

Two academic administrators will be recognized for their contributions — Professor Ruth Simmons, the first African-American woman president of Brown University in Rhode Island and Professor Marsha Chandler, senior vice-chancellor (academic affairs) at the University of California at San Diego. Chandler is a former dean of U of T's Faculty of Arts and Science.

Other scholars to be honoured are Bruce Trigger of McGill University, one of Canada's most influential anthropologists, and University Professor Emeritus Hans Eichner of Germanic languages and literatures at U of T.

Community leaders and philanthropists to receive honorary

degrees are Terrence Donnelly, a key contributor and fundraiser for cardiac research and development in Ontario, and Doris Lau, vice-president and director of Nesbitt Burns, for her volunteer work and leadership role in the Chinese-Canadian community. Anne, Edwin (Honest Ed) and David Mirvish, known for their community and artistic contributions to Toronto, will also be recognized.

From the business realm: Eugene Polistuk, founder of Celestica Inc.; eBay co-founder Jeffrey Skoll; Marcel Desautels, former president and general manager of Creditel of Canada Limited; and Warren Goldring, a pioneer of Canada's mutual fund industry, will be honoured along with Sylvia Ostry, distinguished research fellow at the Munk Centre for International Studies and former chief statistician of Canada.



Preserving Quality at Heart of Salary List: Council Vice-Chair

By Jessica Whiteside

U OF T'S EFFORTS TO PRESERVE quality within a competitive hiring environment are reflected in the university's latest senior salary list, says Rose Patten, vice-chair of Governing Council.

The number of names on the salary and taxable benefits list has grown by 8.3 per cent to 1,185, although it is down from the 13.6 per cent increase recorded last year. Every year the university releases salary and taxable benefits from the T4 income statements of employees making more than \$100,000 to comply with the provincial Public Sector Salary Disclosure Act.

"Even while facing the double pressures of increasing enrolment and a number of years of reduced government funding per student, U of T is committed to delivering high-quality educational and research opportunities," Patten said.

In fact the results of a recent survey commissioned by the Council of Ontario Universities (see story, Page 7) suggests Ontario residents, too, recognize the importance of protecting quality at universities — and especially the quality of teaching

— even as institutions respond to increased enrolment demands. Over the next decade Canada will be seeking more than 30,000 new faculty members and U of T will be among those universities facing stiff national and international competition for top faculty and administrators.

"Even more than ever we need to attract and retain the best people here to ensure a quality university. However, individuals with world-class credentials don't come cheaply," Patten said. "Faculty salaries are driven by market forces and rigorous performance evaluation. These people are highly educated scientists and researchers who need to be aptly compensated for their knowledge and skills. These market forces apply equally to our need for top administrators with the expertise to support U of T's internationally respected academic and research initiatives."

The bulk of this year's increase reflects those faculty and staff whose salaries crept over the \$100,000 mark in 2002. Some 17 per cent of those on the list, released March 31, earn \$105,000 or less; 57 per cent earn \$120,000 or less. The percentage of names added to the

list will likely be higher next year because the current list does not reflect the most recent faculty salary arbitration award which will appear in the 2003 T4 earnings.

With 7,250 full-time faculty and staff and more than 50,000 students, U of T is Canada's largest university, the 16th largest employer in the Toronto region and is among North America's largest and most significant research-intensive universities. U of T's faculty have won more than 20 per cent of the country's top research awards in the past two decades despite representing less than eight per cent of Canadian professors. The average age of academics on this year's salary list is 53.

The top five income earners were: Donald Lindsey, president and CEO of U of T Asset Management Corporation, \$421,459; President Robert Birgeneau, \$363,999; Jon Dellandrea, vice-president and chief advancement officer, \$317,000; Professor Roger Martin, dean of the Rotman School of Management, \$300,000; and Professor David Naylor, dean of medicine and vice-provost (relations with health care institutions), \$300,000.

CURIOSITIES



JEWEL RANDOLPH

DRESSED TO THRILL

By MICHAH RYNOR

SINCE 1964, THOUSANDS OF ACTORS, DIRECTORS, PRODUCERS, DESIGNERS AND costumers have passed through the doors of Pocoli Ludique Societas (the drinking and playing society) to bring medieval plays from the 12th to 17th centuries to life. This duchess' dress, made of gold and red silk, gold lamé and hand painted decorations, is from the 1987 production of *Sir Gawain and the Green Knight*. PLS will host a homecoming May 24 in conjunction with the Saints' Play Festival and symposium.

New Dean of OISE/UT Announced

By Sue Toye

PROFESSOR JANE GASKELL, ASSOCIATE dean (research) at the University of British Columbia, has been appointed dean of the Ontario Institute for Studies in Education of the University of Toronto for a seven-year term effective July 1. Gaskell's appointment was approved by Academic Board March 20.



Professor Jane Gaskell

"Professor Gaskell has established for herself a reputation not only as a fine scholar, teacher and university administrator but as a leader who builds consensus, focus and a firm sense of direction through carefully researched groundwork, a high degree of consultation and an ability to

inspire others," said Provost Shirley Neuman in a memo to the university community. "I have every confidence that she will be a superb leader for OISE/UT and within the University of Toronto."

Gaskell, who was born in Toronto, is a graduate of Swarthmore College and Harvard University. She returned to Canada to teach at Queen's University, then moved to UBC where she became chair of the Department of Social and Educational Studies and then associate dean (research).

A prolific researcher, Gaskell is the author of three books as well as over 50 chapters and refereed journal articles on issues ranging from gender and multiculturalism to equity and policy in education. As principal investigator, she has received about \$1.6 million in external research grants and \$3.5 million in contract research.

While at UBC, Gaskell hired strong faculty and staff, made research a high priority, found innovative ways to fund graduate students and addressed issues of harassment. She also worked with the faculty to improve graduate programs and research in education. Under her leadership, the Faculty of Education received the first funding ever awarded by the Canada Foundation for Innovation to an education faculty. She also persuaded the B.C.

Ministry of Education to provide more funding for educational research.

Gaskell has been an active member of various Canadian scholarly associations, granting councils and government ministries at the provincial and federal levels. She has served as president of the Canadian Association for Foundations of Education and the Canadian Society for Study of Education. She was a member of the governing council of the Social Sciences and Humanities Research Council of Canada and the Royal Society's Task Force on University Research. She has also served as a member for numerous expert advisory committees to the B.C. Ministry of Education, the Council of Ministers of Education of Canada, Human Resources Development Canada and Health and Welfare Canada.

She succeeds Professor Michael Fullan, founding dean of OISE/UT, who served as dean of U of T's Faculty of Education from 1988 to 1996 before it merged with the former Ontario Institute for Studies in Education to form the new U of T institute. He will go on sabbatical for two years to continue policy work on education reforms in Ontario, Canada, the U.S. and the United Kingdom before returning as a faculty member in July 2005.

Edwards to Head Genomics Consortium

By Janet Wong

UNRAVELLING THE STRUCTURE OF hundreds of human proteins will be the goal of an ambitious \$95 million partnership bringing together British and Canadian health researchers under the leadership of Professor Aled Edwards of the Banting and Best Department of Medical Research.

The newly formed Structural Genomics Consortium (SGC) is a three-year initiative, the largest international research project ever funded in Canada. Led by Edwards, a world-leading expert in proteomics and structural genomics research, the consortium will focus on determining the three-dimensional structure of more than 350 human proteins.

"I am excited by the opportunity to provide protein structures for the global research community," said Edwards, chief executive of the SGC. "This will enable scientists to better understand our genetic information and to put the genome to practical use. We are particularly looking forward to collaborating with the biomedical research community to rapidly place the protein structures into a functional context."

The partnership is made up of the Wellcome Trust and GlaxoSmithKline Research and Development of the U.K., each committing £18 million and £3 million respectively (roughly \$52.2 million Cdn combined), and four Canadian research partners — Genome Canada (\$15 million), the Ontario Research and Development Challenge Fund (\$15 million), Ontario Innovation Trust (\$7.2 million) and the Canadian Institutes of Health Research (\$6 million).

Established as a charity, the group will operate from the universities of Toronto and Oxford. The proteins identified for study will have significant relevance to human health and include those associated with cancer, neurological disorders and infectious diseases like malaria. With the Human Genome Project nearing completion, SGC will move on to the vital next step of exploring the structure and function of proteins, providing information about their role in health and disease. SGC aims to produce the first protein structures by the end of 2003. All protein structures will be made freely available to scientists around the world.

Tuition Schedule Approved

-Continued From Page 1-

public research university, Neuman also stressed that, "we are making our decisions about tuition fees in a complex environment," involving factors such as program quality, competition, revenue and government funding.

Following Neuman's remarks, governors heard statements from six speakers: Professor Martha Shaffer of law, Jennifer Mathews, president of the Students' Law Society, a joint address by the Women's Centre and Ontario Public Interest Research Group, Chris Collins, president of the Graduate Students' Union, Mary Auxi Guiao of the Students' Administrative Council Equity Commission and Emily

Sadowski, president of the Association of Part-time Undergraduate Students, all of whom opposed the schedule and called on governors to consider alternatives ranging from a tuition freeze and fee reductions to a slower rate of tuition increases. "The money from the tuition increase will go primarily to increase faculty salaries," said Shaffer, who argued for slowing the increase. Mathews, who advocated a smaller increase of five per cent, suggested that "the accessibility study does not answer [the governors'] questions regarding the impact of tuition increases on accessibility." (See High Tuition No Barrier for Law School: Study, *The Bulletin*, Feb. 24, 2002.)

Prior to the vote, Sheldon Levy, vice-president (government and institutional relations), noted that 30 per cent of revenue from tuition increases is directed towards needs-based financial aid. He said current data show that the combination of higher fees and financial aid "ensures that those with the best minds rather than the largest pockets are getting into law school."

In all, 19 governors spoke, representing arguments for and against the proposal, with law school tuition being the main target of dissent. Professor Brian Langille, dean of the graduate program at the Faculty of Law, said that having to revisit the tuition increase year after year was debilitating for the faculty.

SARS Impact at U of T Monitored

-Continued From Page 1-

dentistry and physical therapy at affiliated teaching hospitals were cancelled last week. The "no contact" policy with health care facilities will remain in place at the Faculty of Medicine until at least Monday, April 14. Some courses and exams at the medical school have been rescheduled for this week. Students in the health sciences faculties are encouraged to check their e-mails regularly for updates.

The health sciences faculties are taking these measures to contain the risk of transmitting the disease to the university and other hospitals through individuals who have been in clinical sites.

The risk of being infected by SARS remains low for those not in the risk group, stressed Dr. Colin D'Cunha, Ontario's chief medical officer of health and assistant professor of public health sciences at U of T. Individuals who have been asked to put themselves into

isolation are those who have had close personal contact with a person with SARS and did not wear a mask or those who have visited Scarborough Grace Hospital, Grace Division, or York Central Hospital and did not wear a mask.

The university will continue to monitor the situation and provide updates as needed at www.utoronto.ca. With the exception of the affected health sciences programs, the university will continue to operate as scheduled.

Ontario Budget a Turning Point

By Susan Bloch-Nevitte

THE ONTARIO GOVERNMENT describes its proposed 2003 budget as “the first step in funding stability” for post-secondary education and President Robert Birgeneau couldn’t agree more.

“This budget will help us guarantee a high quality of education for the next generation of students,” he said. “We have reached a turning point — a critically important turning point.”

The proposed budget, announced March 27 by Finance Minister Janet Ecker, will pump \$75 million in new operational funds into the university sector to help protect quality in the face of rising enrolments. The amount will increase to \$200 million by 2006-2007. U of T is likely to receive approximately 20 per cent of the funds, or some \$15 million for 2003-2004. “That this is a multi-year commitment is extremely important,” Birgeneau

said. “It signifies that the province understands how important quality is to U of T and to all Ontarians. We can now begin to plan for the future with much greater confidence in our resource base.”

Student financial aid will also receive a boost with the second phase of the Ontario Student Opportunity Trust Fund. The proposed budget will allocate an additional \$400 million to the program although no further details were offered. “With private sector matching, this could mean a remarkable \$800 million in the system to assist those students who are most economically disadvantaged,” Birgeneau said.

While no dollar amount was specified, the budget also calls for additional SuperBuild funding to create 20,000 more spaces in colleges and universities. U of T has requested funding for projects on all three campuses — largely focused on classroom and lab construction and renovation.

The budget also reconfirmed the province’s intention to provide full per-student funding for new enrolments stemming from the double cohort. The announcement indicated that \$66 million will be allocated system-wide for expanded undergraduate enrolment.

The university will benefit from two research projects announced in the budget: \$20 million over five years to establish a new Centre of Excellence for Electricity and Alternative Energy Technology and \$1 billion over 10 years for research in breast and prostate cancer at a new provincial cancer research institute. The new centre of excellence will be a partnership with U of T, Queen’s, Waterloo, McMaster and the new University of Ontario Institute of Technology, as well as the private sector.

“This is an essential first step,” Birgeneau said. “Many more steps need to be taken but this is an excellent start.”

Architecture Students Get PEPped

By Michah Rynor

LIBESKIND, GEHRY, BEHNISCH ... in the world of architecture these are names that glitter.

Geniuses of form and structure, they’re creating some of the most important and futuristic buildings in the world today. And now for the first time, students in architecture, landscape and design are working alongside these superstars.

The new professional experience program (PEP) had its first student placement this past summer with third-year master’s student Nathaniel Nacionales in the prestigious Los Angeles office of Toronto-born architect Frank Gehry. Widely known for his design of the Bilbao branch of the Guggenheim Museum in Spain, Gehry has just begun working on the Art Gallery of Ontario’s new wing.

“We recognized the importance of architectural firms in enabling

students to make the transition from the university environment to the working world,” said Professor Larry Richards, dean of the Faculty of Architecture, Landscape, and Design. “With that in mind, this program gives our students the opportunity to work in a really good architectural firm in order to boost their learning curve.”

Nacionales, 28, was so successful during his term with the Gehry office that they have asked him back for another summer. And unlike many placement situations in universities and colleges, the participating architectural firm pays the student a livable wage.

Last summer Nacionales, living in Venice Beach and bicycling daily to Santa Monica, worked as a model maker, making changes on a daily basis to building prototypes such as the one for the Panama Museum of Biodiversity project — which was six feet wide

by 10 feet long.

“Being involved with this office will definitely help me get work when I graduate,” said Nacionales, who considers himself a traditionalist much like his mentor. “The exposure I had in his office and the experience I gained would be valuable to architectural firms anywhere.”

Three more prestigious firms have been added for the upcoming summer term, including the office of Daniel Libeskind, chosen for the Royal Ontario Museum transformation and currently in the process of moving his Berlin office to New York city so that he can be nearer the construction site of his next project, the rebirth of the World Trade Centre.

As well, Behnisch and Behnisch of Stuttgart, Germany, the firm designing U of T’s Centre for Cellular and Biomolecular Research, will take part in PEP this summer.

COLLATERAL DAMAGE

War in Iraq latest threat to Assyrian culture

By Jenny Hall



Sargon Donabed

DAVID STREET

WHILE IMAGES OF AIR strikes in Baghdad and reports of impending humanitarian crises fill our newspapers and TV screens, for some people, the news is more personal.

Sargon Donabed, a master’s student in the Department of Near and Middle Eastern Civilizations, counts family members in Baghdad as well as in other cities in northern Iraq.

But the war has also thrown his research into the spotlight. Donabed studies the culture of the Assyrians — a group, he says, whose language, customs and architecture are in danger of extinction.

There are about four million Assyrians in the world, descendants of the ancient Assyrians who built up an empire from about 2500 BC until its fall in the seventh century BC. In the first century AD, Assyrians were among the first converts to Christianity; their modern descendants are a religious minority in the Middle East. Today, two million Assyrians live in Iraq, southeastern Turkey and in parts of Iran and Syria. Donabed estimates there are 600,000 Assyrians in Baghdad alone.

Ethnically and linguistically distinct from other groups, they have been forced from villages and towns in the north to major cities, fleeing persecution and genocide. “You’ve heard of the Armenian genocide in 1915?” asks Donabed. “Well, two-thirds of the Assyrian population was wiped out during that genocide.”

“The Assyrian villages in southeast Turkey, which were numerous and are uncountable to an extent — they have become more

Kurdish. The language has been snuffed out.” Assyrians speak Syriac, a modern dialect of Aramaic, which is outlawed in Saddam-controlled Iraq, Donabed reports. “You can’t have your own schools. You can’t speak your language. You can’t listen to your music.”

“The Assyrian situation in the Mideast is little known. When you hear anything about modern Iraq, about what’s going on now, you hear about the Kurds in the north,” Donabed says of the prospect of regime change in Iraq. “There is a fear that the Assyrians will be left out of the new Iraq regime.”

Lack of representation isn’t Donabed’s only worry. He fears civil conflict between Turkey and the Kurds: “Assyrians will be stuck in the middle of the Kurds and the Turks fighting if the Turks attempt to move into northern Iraq.”

It isn’t just the linguistic heritage of the Assyrians that is threatened. Donabed also worries about culture in the form of architecture and artifacts. “You have churches turned into stables or turned into mosques; you have monasteries that are demolished or destroyed.” The war has intensified the threat to the archeological and architectural heritage of many groups in the Middle East.

Donabed believes that cities like Ashur, the 5000-year-old religious capital of the ancient Assyrians, should be designated world heritage sites. “To be adopted as a world heritage site, it has to be applied for through the UN by the actual country itself,” he says. “And I don’t think Saddam Hussein right now is too worried about making it a world heritage site.”



Nathaniel Nacionales

STEVE BEHAL

Budget Cut Considered

-Continued From Page 1-

situation. To demonstrate the impact of this lack of inflationary increases, Neuman noted that just two years without such increases creates a \$9.6 million shortfall.

"New operational funds announced by the provincial government will go a long way towards ameliorating some of the impact but they still leave difficulties ahead," said Neuman, noting that the provincial announcement included new SuperBuild funding and \$75 million in new operational funds to protect universities' quality in the face of rising enrolment. "U of T will continue to work actively with both the provincial and federal governments on efforts to generate further, much-needed revenue for post-secondary education and research."

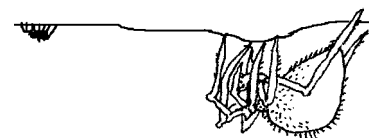
One positive item in the proposed budget — the assumption of continued federal funding for the indirect costs of research — is tempered by the possibility that the expected \$15.8 million may arrive later in the year than anticipated. The university is discussing this issue with government, Neuman said.

Another contributor to the 2003-2004 deficit is the need for the university to resume employer payments to the pension fund. For a number of years U of T has not been paying into the fund because of a federal law prohibiting employer contributions when fund surpluses reach a certain level. During this "pension holiday," the university spent 75 per cent of pension savings on one-time-only initiatives such as matched funds for endowed projects and a voluntary early retirement program introduced in response to earlier provincial budget cuts; university employees were also on a pension holiday during some of these years. Now, market downturns have led to a shortfall in the pension fund and the university must resume its contributions to the plan next year.

While meeting the proposed budget cuts will be challenging, it will not prevent the maintenance and enhancement of the quality of educational and research opportunities at U of T, she said.

"This is not about a race to the bottom," she told planning and budget committee. "This is about a very difficult climb to the top."

NET NEWS



Automating Calendars

By Audrey Fong

PREPARING, MAINTAINING AND updating a course calendar can be a daunting task for faculty and staff. However, a team at the Resource Centre for Academic Technology (RCAT) led by Charles Finley is attempting to automate the process with CourseView, a centralized dynamic online database.

This Web-based interface allows you to view such information as course title, location and prerequisites. Faculty have the option of enhancing the Web page with additional information such as course descriptions, class announcements, Web resources, course outlines or links to departmental/course sites. Only faculty and staff will have edit options.

CourseView has the potential of reducing redundancy and increasing efficiency when publishing course material. Currently, course information resides in a variety of forms: electronic documents, databases, online sources and paper documents. By using CourseView, all information will reside in one centralized repository. Future applications involve integration with ROSI (Repository of Student Information), personal

student portals and learning management systems such as WebCT and Blackboard, plus local applications such as departmental databases and calendars.

CourseView will offer information such as prerequisites and course descriptions on one centralized online source, which will be helpful for prospective students and those transferring from other institutions. In addition, graduates will be able to retrieve archived course listings for the purposes of employment and graduate school inquiries, rather than tracking down hard copies.

It is RCAT's goal to develop CourseView as a university-wide service. Finley notes that one of the biggest challenges for the pilot project is to obtain institutional buy-in from faculty and staff since they will be responsible for the provision of course information. There may be short-term inconveniences but the long-term benefits are paramount, he said.

RCAT will host information seminars about CourseView next semester. CourseView will debut at the Tech_Know_File.03 conference in May at the Bahen Centre for Information Technology. For more information, go to <http://courses.utoronto.ca/>

Ontarians Value Quality and Access: COU Survey

By Susan Bloch-Nevitte

UNIVERSITIES NEED TO PROTECT quality even as they respond to increased enrolment demands, says a new survey of Ontario residents commissioned by the Council of Ontario Universities.

The impact of increased enrolments is a growing issue in the province as the first cohort of grades 12 and 13 prepares for post-secondary education in September. The survey, conducted by EKOS Research Associates, found that Ontarians with a high level of awareness about the double cohort opt for quality over access when asked to choose between the two. Overall, respondents are almost evenly divided on whether quality is more important than access.

The majority of respondents equated quality with teaching skill. When asked what areas are most critical to improving quality, a majority cited improved teaching, reduced class size and improved computer facilities and health/security services.

Chris Collins, president of the Graduate Students' Union, said his organization has pinpointed teacher training as an area of focus for TAs. "We would like to introduce a seminar series given by professors who have been recognized for their teaching excellence and get them to share their methods," he said. And while Collins agreed that preserving quality is extremely important at U of T, he said it should not be achieved on the backs of students. "We need additional money from the provincial government rather

than relying on students to pay more."

Almost 70 per cent said the quality of Ontario universities is above average, with 62 per cent saying that's the case for colleges, 39 per cent for high schools and 42 per cent for elementary schools.

Respondents were almost evenly divided on whether Canadian universities compare favourably with U.S. universities, while a majority viewed quality as about the same in Ontario as in other provinces. Among graduates of Ontario universities, 87 per cent rated the quality of their education as either above average or excellent.

The majority of respondents said they believe it is harder to get into university today than it was 10 years ago and almost three-quarters were concerned that qualified students caught in the double cohort will not get a fair chance at getting into an Ontario university.

Almost 90 per cent of respondents said the cost of university is getting too expensive and 72 per cent said they believe government has not been providing sufficient funding. Three-quarters of respondents said government should invest more money in Ontario's universities, even if it means increased taxes or reduced spending in other areas.

The survey, conducted last November and December, consisted of telephone interviews with 1,307 Ontarians 16 or older. The margin of error is plus/minus 2.7 per cent 19 times out of 20.



STEVE BEHAL

Gospel Choir Gears Up for Tokyo Festival

By Sue Toye

IT PICKS UP HER SPIRITS, LETS HER pour out all her emotions and by the end, leaves her feeling exhilarated and happy.

That's how Tricia-Ann Israel feels after finishing practice with the U of T Gospel Choir. She and 40 other members — mostly U of T students and alumni — gather every Friday evening at either Victoria College or Emmanuel College to sing their hearts out.

The choir is currently practising numbers they hope to perform in a five-day gospel festival in Tokyo in December. They hope to raise \$60,000 to finance the trip and are selling cookbooks, *Cooking With Soul*, as part of their fundraising efforts.

"Every chance our choir is given to sing — in a men's shelter in downtown Toronto or at a

convention or church — we consider it an opportunity to minister and encourage people through our music," said Lisa Toussaint, music manager of the group.

Started in 1995 with Toussaint and her sister Rhonda at the helm, the choir has mushroomed from 25 to 40 dedicated individuals. They have performed in parts of the U.S., Canada, Germany, Sweden and Barbados. The group has also shared the limelight with R & B vocal artists Roberta Flack and Peabo Bryson at a Christmas music concert in Massey Hall and appeared in a CBS television movie with actress Anne Bancroft.

For members like Wayne Ho, a fourth-year undergraduate, the choir gives him a sense of belonging at U of T and reaffirms his faith. "You just need something like this to centre you. Having

this on campus is really comforting," Israel, one of the choir's original members, sees the choir as a place of spirituality and friendship. "If you come in with a burden, there's always someone to give you a smile or a hug."

But for Rhonda Toussaint, the choir's business manager, singing in rehearsal is just as exciting as performing in front of an audience. "You have that one spirit, one mind about what you're singing. You get up there and almost lose yourself in those songs," she said.

Apart from performing, there is a close bond that members share off stage. "The choir has become a family," she added. "These people love and care about what happens to each other in tragedies and in life. It's really blossomed into something that's really important to a whole lot of people."



IN MEMORIAM

Field Was Renowned Hesse Scholar

PROFESSOR EMERITUS GEORGE Wallis Field of Germanic languages and literatures died suddenly Dec. 18 while swimming at Hart House. He was 88 years old.

Field was born in 1914 in Coburg, Ont., where one of his earliest memories was witnessing the victory celebrations at the end of the First World War. After completing high school in Coburg, he attended U of T, graduating from Victoria College in 1935 with high honours and winning the regent's Gold Medal in French

and German. After a short stint teaching high school in Bradford, Ont., he accepted a position



teaching at the Canadian Academy in Kobe, Japan. At the outbreak of the Second World War he joined the Royal Artillery of the British army and was sent as an officer to India's North West Frontier and the famous Khyber Pass. With the entrance of Japan into the war he was transferred to intelligence work with the Canadian Intelligence Corps.

"These war years left him with a strong sense of doing one's duty without complaint," Professor Emeritus Robert Farquharson, a longtime friend and colleague, noted in a memorial tribute. "They also began an association with the military that continued as a side interest throughout his life." He served as lieutenant-colonel and commanding officer of the U of T contingent of the Canadian Officers Training Corps from 1966 to 1968 and more recently as honorary colonel of the Second Company of the Canadian Intelligence Corps.

After the war was over, Field returned to U of T to continue his

studies, receiving his MA in 1945 and his PhD in 1948. That year he joined the faculty of the German department at Victoria College and his long and distinguished career began. A staunch defender of the values of the college and its traditions, Field served as head of Victoria's German department from 1966 until the department was absorbed by the university in 1974. As a teacher he insisted upon hard work, acquiring facts thoroughly, analysing them objectively and ordering them logically. At his memorial service Jan. 31 at Victoria College Chapel, Farquharson noted, a number of his former students spoke eloquently of the intellectual inspiration and training he gave them.

A world-renowned scholar of German literature and widely published author, Field has written on Thomas Mann, Goethe, Schiller and Fontane but his special field of interest was Hermann Hesse and it is his work with this author for which he is best known. His interest in Hesse began in 1957, "long before Hesse became the darling of the hippie era," Farquharson noted, and continued until his death.

Field retired in 1979 but his association with the college and the university continued. "It was very like him to take one last swim in the Hart House pool while he waited to have lunch with an amateur Hesse scholar," Farquharson said. "His was an active, energetic, somewhat eccentric spirit of the kind that we seem no longer to breed. As such he will be missed and long remembered."

Breaking Rules, Digging Deeper

Outdoor smoking may be next target

With greater recognition of the health hazards of second-hand smoke, a new study is examining the issue of outdoor smoking and the growing interest in restrictions for outdoor public spaces.

"Recognition of the health impacts of environmental tobacco smoke has led to increased smoking restrictions in indoor public spaces," said Dr. Pam Kaufman, a research associate at the Ontario Tobacco Research Unit and a lecturer in public health sciences. "But one of the outcomes of this is that more people are now smoking in outdoor spaces. We need to look at the impact this has on the acceptability of smoking and how it may influence young people to start smoking or recent quitters to relapse."

Kaufman and her colleagues conducted a pilot project in downtown Toronto to examine the social and physical factors related to smoking in outdoor public places. They gathered preliminary data on smoking attitudes and behaviour through observations at a Toronto urban park and through focus groups.

Most non-smokers and some smokers agree that areas frequented by children such as parks or playgrounds should be designated as non-smoking areas. Some non-smokers also suggest that designated smoking areas be created away from building entrances and exits.

In several U.S. cities, legislation prohibits smoking in outdoor public places such as beaches, playgrounds and parks. Kaufman sees growing support for similar restrictions being instituted in Canada. "It takes time to change social norms but people's attitudes are shifting. Smoking around building entrances and in public places like children's playgrounds is a growing concern."

This research was funded by

the Canadian Tobacco Control Research Initiative with funds from the National Cancer Institute of Canada, the Social Sciences and Humanities Research Council of Canada and Health Canada.

JANET WONG

Anemia hurts economy in developing countries

Anemic adults and children cost developing countries billions of dollars in lost productivity, a recent study says.

"One in three of the world's population suffers from anemia so this has tremendous economic consequences," said Professor Sue Horton of economics and lead author of the study, *The Economics of Iron Deficiency*. The economic loss due to iron deficiency in South Asia alone is staggering: close to \$4.2 billion US is lost annually in Bangladesh, India, Sri Lanka and Pakistan. Adults who lack sufficient iron in their diets are more lethargic, which leads to lower productivity, while the motor and cognitive development of small children is also impaired.

Horton and co-author Jay Ross, an epidemiologist from the non-profit organization Academy for Educational Development, calculated the economic impact of iron deficiencies in 10 developing countries in South Asia, Central America, Africa and the Middle East. They found that, on average, a country loses 0.6 per cent of its gross domestic product (GDP) due to physical productivity losses from adults lacking iron. When learning and motor impairments in anemic children are added, the figure rises dramatically to four per cent of its GDP. "A loss of four per cent of GDP even in poor countries translates into billions of dollars lost," said Horton.

Horton said iron fortification is extremely important and

inexpensive. For example, it costs only 12 cents US per person per year to fortify wheat flour in Venezuela. The payback is tremendous for a country's economy. "With every dollar you invest, you receive \$36 back in physical and cognitive productivity. Those are huge returns."

The study, funded by Micronutrient Initiative, was published online in the February issue of the journal *Food Policy*.

SUE TOYE

Study charts new realm of physics

By constructing artificial materials that break long-standing rules of nature, a U of T researcher has developed a flat lens that could significantly enhance the resolution of imaged objects. This, in turn, could lead to smaller and more effective antennas and devices for cell phones, increased space for data storage on CD-ROMs and more complex electronic circuits.

"This is new physics," said Professor George Eleftheriades, who specializes in electromagnetic technology at the Edward S. Rogers Sr. Department of Electrical and Computer Engineering and is senior author of an article in the March 24 issue of *Applied Physics Letters*. "These findings provide an opportunity to resolve details in an object smaller than a wavelength."

The team works in the rapidly emerging field of metamaterials — artificially created substances with properties not found in nature. Under normal electromagnetic conditions, light passing through a flat lens will diverge; light passing through a lens made of metamaterials, however, will bend the "wrong" way and become focused.

Their study reveals that when evanescent waves — weak but important waves that lose

strength quickly after leaving their source — are directed through their flat metamaterial lens, these waves are amplified. At the same time, the lens corrects the phase of the waves by focusing the diverging waves into a beam. Metamaterial lenses, when constructed at optical frequencies, could be used to engineer the next generation of electronic devices at the nanometre scale, Eleftheriades said.

NICOLLE WAHL

Look deeper to find satisfaction

Those of us living in the West must be more grateful for what we have if we are to climb out of the spiritual and psychological malaise that has taken hold of the world's richest societies, says U of T theology professor Mary Jo Leddy.

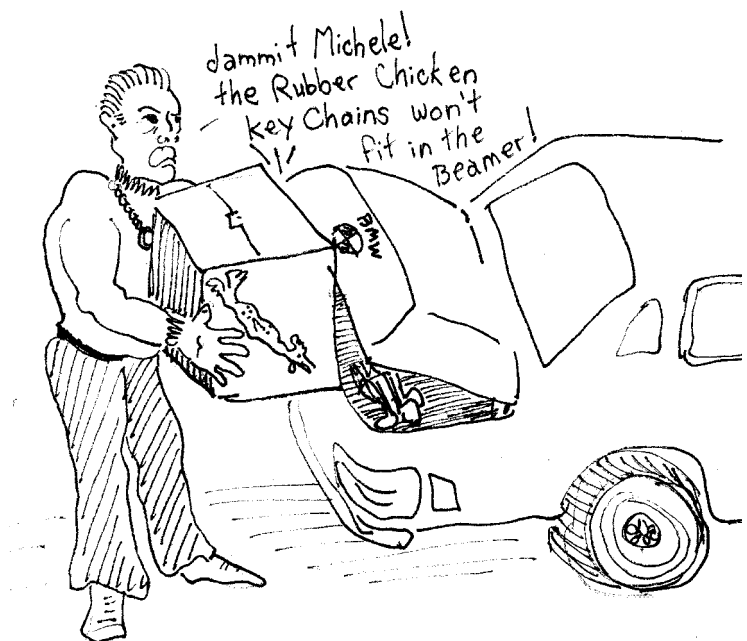
In her recently released book *Radical Gratitude*, Leddy asks why people in the Third World — who have so little compared with us — often seem happier and more content. Her answer: we in the West are the victims of an economic

system that generates a profound dissatisfaction not only with the world and what it offers but with ourselves.

"My book is different from many others because it directly links the spiritual, cultural, political and economic realities facing the West and this malaise in society," Leddy said. "We are tied to an economic system that delivers wonderful toys while also delivering dissatisfaction. We live in a system that tells us we never, never have enough. This message goes a long way to explaining why people living in the wealthiest countries on Earth have such poor self images even though they are surrounded by opportunity."

Leddy said her book, published by Orbis Press, is an effort to explain how people can be happier if only they are more grateful for what they possess and have accomplished. It was partially funded by a Leighton Studios grant from the Banff Centre.

MICHAH RYNOR



CAZ ZVATKAUSKAS



LAPDOGS OR WATCHDOGS?

Constructing truth from media reports of war is no easy task

By AMIR HASSANPOUR

THERE IS SOME TRUTH IN THE DICTUM THAT "THE FIRST casualty of war is truth." This claim is not, however, very enlightening. In the evolving postmodern environment, it would be more appropriate to argue that there is more than one truth. Even the claim about multiple truths is not new or radical. Feminists, for instance, have emphasized that in patriarchal society all knowledge is gendered and Marxists have never ceased to unravel the class nature of truth.

The current war against the Ba'hist regime of Iraq has brought this old philosophical controversy to the attention of the public. Media coverage of the war is now being debated not only by peace activists but, increasingly, by the media themselves. The terms *propaganda* and *war* have been, since the First World War, intertwined. By the early 1930s, the print media and the new medium of radio were used, extensively and persuasively, by fascists and Nazis. Winston Churchill, referring to Nazi radio propaganda, said in 1939: "If words could kill, we would be dead already." In the U.S., an Institute for Propaganda Analysis was set up to teach the public how to combat Nazi propaganda. The institute identified seven basic propaganda "devices" (name-calling, glittering generality, transfer, testimonial, plain folks, card stacking and band wagon) and taught high school students and adult citizens how to decode them and separate fact from fiction.

The seven devices do not take us far in "deconstructing" today's wartime or peacetime struggle for winning the hearts and minds of the public. Propaganda is now far more subtle and the media environment far more complex. The televisual image, now broadcast live from the killing fields, has displaced or, rather, powerfully augmented the authority of the written or spoken word. The live images of the bombing of Baghdad instantly create nationalist feelings throughout the Arab Middle East, inflame religious emotions in Islamic communities and invite pacifist outrage throughout the world. In the same vein, the display of American hostages mistreated in captivity incites the wrath of President George W. Bush and other U.S. and British leaders, who use it to appeal to nationalism in order to rally more support for an unpopular war gone wrong.

Current understanding in media studies and cultural studies tends to obliterate the "modernist" distinction between fact and fiction: all facts are socially constructed. However, the constructed nature of facts does not or should not imply that the competing claims of the war front and the peace movement are equally valid or accurate. It means, rather, that there is human interest (economic, political, military, etc.) in any reference to or representation of "reality." For instance, it does not mean that Iraq's use of chemical weapons against its Kurdish citizens and Iranians is fiction. It implies, rather, that the American and British



near silence about the event before 1988 and their more frequent references to it in recent weeks is motivated not by its "facticity" but by their politics of regime change in Iraq.

An extensive body of research since the Second World War rejects the claim that western media are objective, neutral, impartial or balanced. According to received

**WAR PROPAGANDA
IS NOW FAR MORE SUBTLE
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FAR MORE COMPLEX.**

wisdom, media hold up a mirror to society (including the state and the market) and reflect it (by reporting untarnished facts) to an educated and rational citizenry so that they themselves make sense of events. Moreover, media act

as watchdogs or even adversaries of the state as a Fourth Estate (the press) or a Fifth Estate (radio and TV). This claim is based on the myth of the separation of state and media powers: since the media are privately owned, they do not engage in propaganda and censorship.

The claim that the government is the locus of propaganda and censorship was rather accurate in the 17th and 18th centuries. However, in the wake of the democratization of the state, the privately owned mainstream media emerged as powerful sources of censorship and propaganda. From a critical theoretical perspective, these media are lapdogs rather than watchdogs of the state. In the current war, for instance, the U.S. media support the nation-state in part by under-reporting the peace movement while they do not hesitate to give the war front hegemonic presence.

In spite of the shift of locus of propaganda from the state to the media, the U.S. government devises news pools (1991 Gulf War), embeds reporters, engages in psy-ops (psychological operations), conducts daily and multiple briefings and funds several clandestine and open radio broadcasting stations. The media and the state are, however, only one element in the construction of truth. We as audiences, too, are crucially engaged in making meaning. All texts, ranging from news to photographs to statistics, are polysemic, i.e., have multiple meanings, and lend themselves to a diversity of readings. For instance, depending on our politics, we make different meanings of the "fact" that the British government plagiarized a student paper in order to make its most important case for joining the U.S. war on Iraq or the "fact" that U.S. Secretary of State Colin Powell relied on lies about Iraq's weapons of mass destruction in order to convince the Security Council about the need for the war (Seymour Hersch, *Who Lied to Whom? The New Yorker*, March 31, 2003.)

From a pro-war position, the American and British reports are read as minor or technical errors while, from a peace movement perspective, they prove that the two governments should not be trusted to conduct war.

The U.S. government engineers, as it did in 1991, a new language in order to sanitize the war. For instance, "target of opportunity" euphemizes the act of "assassination attempt" and "moment of truth" replaces "declaration of war." In spite of this, audiences, reporters and other media workers quite often resist state propaganda. This resistance ranges from audience demonstrations against CNN to the protests of the staff of the state-operated Voice of America in the aftermath of Sept. 11. As audiences and citizens, we have to critically engage with the state, the media, their texts and ourselves.

Amir Hassanpour is an assistant professor in the Department of Near and Middle Eastern Civilizations.

LETTERS



USWA SLATES DIFFER SIGNIFICANTLY PHILOSOPHICALLY

The key difference between the two slates vying for office in the U of T staff union, United Steelworkers of America, Local 1998, is in their views of the role of the labour movement (or working class) in society. By and large, the Robinson-Morgan option includes a seat at the table for organized labour, while the Dubarry-Breon option includes the anti-capitalist struggle for working class power. Unalloyed, the two views would produce very different kinds of locals, unions and labour movements.

Those who would like more insight into the general background of the two slates may wish to consult the following Web sites. To understand the guiding assumptions of the Dubarry-Breon option see www.socialist.ca and www.newpolitics.ca. For the Robinson-Morgan option see www.ofl.ca and www.clc-ctc.ca. The slates' own Web sites — www.bring-home-our-local.com and www.dubarrybreon.com — provide little relevant background but the Robinson-Morgan site has more genuine substance (if a little less style) than the other.

GEORGE COOK,
DIVISION OF UNIVERSITY
ADVANCEMENT

ONLY OPPORTUNITY SHOULD BE EQUAL

Virginia Tech's "new (my emphasis) anti-discrimination policy that prohibits administrators from considering or granting preferences in favour of" such factors as "race" in "hiring, awarding aid and scholarships and admitting students" (At

Large, Everyone's equal again, March 24) appears to be inconsistent with the dominant theme of the recent Equity Through Excellence conference March 21 to 23.

On the other hand this American university's policy is in line with one of the 26 sessions of the U of T conference, namely the panel/discussion entitled The Moral Bankruptcy of Diversity/Equity Hiring Policies for University Faculty: Empirical, Logical and Ethical Considerations. More important, Virginia Tech's current policy is also consistent with Martin Luther King's principle of colour blindness that he wanted to apply to society as a whole and that seems particularly applicable in the evaluation of the academic community — a university's students and faculty. I wonder how long it will be before Canadian campuses recognize that only opportunity should be equal (i.e., fair competition). Only then will they abandon instituting a form of academic apartheid by attempting, through crude social engineering, to produce equality of outcomes or representation of an ever-increasing number of "designated groups" that now includes (according to the recent equity formulation of U of T tenure-stream advertisements) that of the "sexually diverse."

JOHN FUREDY
PSYCHOLOGY



LETTERS DEADLINES

APRIL 11 FOR APRIL 21
APRIL 25 FOR MAY 5

Letters may be edited for brevity or clarity. Please limit to 500 words and send to Ailsa Ferguson, associate editor, fax: 416-978-7430; e-mail, ailsa.ferguson@utoronto.ca.

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ACCOMMODATION

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Euclid/Harbord. Newly renovated, main-floor 1-bedroom apartment. New appliances, hardwood, central air, 10-minute walk to U of T. TTC stop just outside. Parking available. Utilities and laundry included. \$1,250/month. No smoking. No pets. wildwolfcjp@yahoo.co.jp; tel: 416-537-0976.

Beautiful large 1-bedroom. North of Forest Hill Village, older building, newly renovated. Locker, parking, laundry, ravine trail. Immediate. \$975 + hydro. Tel: 416-925-3707; e-mail: baysmithproperties@hotmail.com

Art Deco furnished condo. Hardwood, 1 very large bedroom, new kitchen with dishwasher, A/C, natural light, excellent storage, stylish furnishings. Near U of T, downtown. \$1,450/month +; available August 1; contact: celiacha@uvic.ca; 250-382-2338.

Downtown condo, well-furnished one-bedroom on high floor, magnificent view of Lake Ontario. Exercise room, outdoor running track, sauna, topnotch security. Everything close. Short-term rental \$1,750/month including utilities. 416-703-7170, colledge@netcom.ca

10-minute walk to U of T. Two bedrooms. Parking, front, porch, patio. Newly renovated, short or long term. Will furnish. Close to downtown. Available now. \$1,500 inclusive. 416-536-4965, h_stuart@hotmail.com

4 + 1 bedrooms, detached house. 2 ½ bathrooms, finished basement. Unfurnished. All appliances. Garden, deck. Fireplace, wooden floors, original mouldings, leaded glass windows. Lots of charm. 1 block from High Park. 3 blocks from lake. Excellent primary schools. Walk to shops, cafés, bookstores, repertory theatre. \$2,800/month + utilities. Available 1 year, starting June or July 2003. 514-485-4573; c.valcke@utoronto.ca

Lawrence/Meadowdale. Two-bedroom, lower-level apartment in upscale West Hill neighbourhood. Ideal for visitors to U of T Scarborough campus. Bright, clean, walk-out to patio. All appliances, dishwasher, private laundry, A/C. \$1,350/month includes utilities & parking. Non-smokers, no pets please. Available June 1/July 1 (negotiable). 416-284-8360.

Sunny bedroom in a 3-bedroom suite. Centrally located, excellent transportation. Occupied by a lady and a cat. The apartment backs onto a lovely park with a jogging track. Lovely balcony can be used for studying if desired. Kitchen, living room & dining room can be shared. Available immediately! \$600 monthly. 416-787-4260; cell 416-258-2262.

Absolutely unique temporary residences! Upscale, executive quality, fully furnished, privately-owned homes and apartments. Short/long term, monthly stays. www.silkwoodproperties.com; info@silkwoodpropeties.com. Photos available. Property owners: list with us! 416-410-7561.

McGill Street, Yonge/College subway. May 1 to October 1, negotiable. Sunny open-concept, four-level house, 2 bedrooms + den, furnished, high ceilings, exposed brick, huge master bedroom with ensuite bath, roof and backyard decks, A/C, finished lower level, garage parking, laundry. No pets, no smoking. \$2,300/month inclusive, except phone. Jennifer, 416-598-5554, 10 to 6 p.m.

Short-term/summer rental. Furnished home available. Central Metro area, Oakwood/St. Clair. Beautifully furnished, spacious, sunny family home, 3+ bedrooms, 3 full baths, den, study. All amenities. Deck. Two-car parking. Near TTC.

Shopping. Non-smokers. No pets, please. References. Available June 15. 416-652-3888 or richard.marshall@utoronto.ca

Fabulous apartment, short or long term. Little Italy. Walk to U of T. Unique architectural design, 2 floors, cathedral ceilings, custom kitchen and Jennair stove; fireplace, loads of mahogany built-ins, work space, large deck, flexible dates. 416-603-9669; cwuschke@sympatico.ca

Bright 2-bedroom apartment, 5-minute walk to Davisville TTC. Hardwood, balcony, laundry on site, 1 parking space, across from park. Ideal for faculty or grad student. \$1,500 (cable/heat included) + hydro. No pets. John, 416-216-5328 (8-6), 416-318-8697 p.m./weekends.

St. Clair/Dufferin. Detached house. 5/6 bedrooms, parking, laundry, kitchens, three full bathrooms, garage, backyard (furnishings available), sunny, fireplace, character, several entrances, wooden floors, near all amenities. Suits academic professionals. Available May 1. \$2,800 +. Rochelle, 416-532-2304.

Spend sabbatical in bright, furnished luxury Yorkville condominium. Spectacular views. 1,265 sq. ft. unit has stocked kitchen, living room, dining area, large bedroom, ensuite bathroom with Jacuzzi, powder room, laundry room, security system, A/C. Dishes, linens, TV, VCR included. 24-hour concierge service, valet parking for guests, pool, sauna, exercise room. Available July 2003 to June 2004. \$2,500 per month. References, security deposit required. E-mail lavisj@mcmaster.ca

Furnished room available April 15 for rent. \$500/month. Very quiet, 2 minutes from subway and 12 minutes from U of T. For further info please call 416-462-9367 after 6 p.m.

May and June. Tastefully furnished one-bedroom apartment, Beverley and Dundas, 5-minute walk to U of T, recently renovated, bright, open concept, hardwood, A/C, cable, laundry. \$1,050/month inclusive. 416-821-0098, angela@i2iart.com

Beach home available June, July, and August. Close to boardwalk. Small fully furnished 2-bedroom bungalow in quiet residential neighbourhood. All appliances: washer, dryer, dishwasher, etc. Parking included. \$1,800/month inclusive. 416-686-8639.

St. Clair/Old Weston Road. Renovated 2-storey house with 2 bedrooms, 2 bathrooms and finished basement with wet bar. A/C, laundry, garden, parking. \$1,200 +; 416-652-6232.

Sabbatical accommodation downtown Toronto. See this and other sabbatical accommodations at sabbatical-homes.com, a listing service to academics worldwide who need to find or offer temporary accommodations.

House for rent June 22 to September 22. Beautifully kept, unusually spacious bungalow, short walk to Woodbine subway. Entire house \$1,500+/month. Two porches, big backyard, all appliances. Non-smokers please, kids OK. 416-944-0920, peter.stoll@utoronto.ca

Annex/Yorkville. Large one-bedroom furnished apartment available May 1 to August 31. Large terrace with BBQ. Air-conditioned. Parking available. Steps to U of T, subway, restaurants. \$1,950 per month inclusive. E-mail: mhurleyca@yahoo.ca or call: 416-233-4960.

High Park. Newly renovated two-bedroom, one bathroom, hardwood floors, gas fireplace (living room), pot lighting, large yard, parking, laundry, central A/C, non-smoking. College car/Dundas West subway. 416-533-7724, dopolski@sympatico.ca

Harbourfront Artist's Co-op. 1-year sublet. 1 ½ bedrooms, with large studio,

balcony, overlooking Lake Ontario and park. Community gallery, performance space, workshop. Nearby store, community centre, on TTC. September 2003, \$1,300 + utilities, furnished/unfurnished. 416-260-6668, patbrennanstudio@sympatico.ca

Bay & Dundas. Executive one-bedroom suite, Minto Plaza, 20th floor, balcony, fabulous city view, superb recreation facilities. Indoor pool, parking, utilities included, cable extra. \$1,700/month. 416-595-0026.

St. George & College. Bachelor suite, 2nd floor in a rebuilt Victorian house, south balcony, hydro extra (about \$20 a month), partially furnished. \$850/month. Call 416-595-0026.

Annex. 1-bedroom apartment, view, balcony, A/C, near Robarts, \$1,200 monthly. July to August 2003; September also possible. Call 416-929-1603 or e-mail rdellamo@atcanada.ca

House for rent: Toronto, furnished house, 2-bedroom plus den, 2 washrooms, on large ravine lot with lovely gardens. Near subway, schools, beaches, Don Valley cycling and hiking trails. Available September 2003 to May 2004. \$2,300. 416-422-4481 or coopermoisse@sympatico.ca

Coach house for rent. Walk to Yorkville. Charming 1 bedroom + study. Gas fireplace, central air, hardwood floors. Parking, private patio garden. A hidden treasure. Available now. \$2,700. Dawna Satov, 416-925-9191. Chestnut Park Real Estate Ltd.

Casa Loma. New kitchen and hardwood floors, huge living room, separate dining room, fireplace, 2 bedrooms, 5 appliances including dishwasher. Walk to subway and U of T. No pets/smokers. \$1,950. 416-925-4377.

Small 3-bedroom house, residential side street, suitable for 2 adults. 15 minutes by transit/30-minute walk to Robarts. Landscaped garden shared with landlord. Washer/dryer in unfinished basement. \$1,300 month +. 416-533-7548.

May to October, traditionally furnished two-bedroom with balcony on High Park Avenue. Suit two adults only. Steps to subway. \$1,500 monthly includes everything. Please call 416-763-3125.

House for rent. Lauder Avenue & Rogers Road. Immaculate 3-bedroom, 2 baths, finished basement, private drive, playhouse, A/C, all appliances, satellite TV. \$2,350 monthly. Tenant pays all utilities. Available May 1. 416-486-8356.

Shared

1 large bedroom with closet, steps to subway (Dufferin). Quiet and bright. Rent \$390 per month. Available April 1, 2003. Please call Gabriel at 416-588-8534.

Short-term. Jones/Danforth. Bright furnished bed-sitting room, bay window, available for short-term rental, late spring/summer. Share kitchen, bathroom, laundry. 10-minute walk to subway or College streetcar. \$475 inclusive. 416-463-9050, carolramm@yahoo.ca

Rentals Required

My wife and I and our good-natured Labrador would like to lease a two-bedroom apartment in Bloor West (Roncesvalles-Humber); 3-4 years, August 1. Our business partner wants to sell the house we've lived in for thirteen years. 416-760-0598.

Bloor & St. George and surrounding area. University prof, non-smoking, requires clean quiet bed-sitting room with cable TV. Please contact jalanpaterson@yahoo.ca: 416-703-0156.

-Continued on Page 14-

CLASSIFIED ADVERTISEMENTS

-Continued From Page 13-

Vacation/Leisure

Beautiful Muskoka cottage for rent near Gravenhurst. 1 3/4 hours from Toronto. 3 bedrooms, sandy beach, sunroom, outside deck. Large, modern, great views. Ideal for all seasons. Excellent road access, yet wonderfully private. 416-782-4530.

Summer rental, Thornbury/Collingwood. Spacious country church (Beaver Valley) available June 1 to July 15. \$375/week. Minutes from hiking, baking, beaches, golf. Sleeps 6. Non-smokers. Contact Barbara Pope. 416-485-7676. bpope@on.aibn.com

Bed & Breakfast

\$27/\$36/\$50 per night single/double/apartment, Annex, 600 metres to Robarts, 14-night minimum, free private phone line, voice mail, VCR. No breakfast but share new kitchen, free laundry, free cable Internet. Sorry, no smoking or pets. Quiet and civilized, run by academic couple. <http://www.BAndNoB.com> or 73231.16@compuserve.com.

Annex Guesthouse. Walk to Robarts Library. Mid-week single special \$50 per night, three-night minimum stay. Private suite from \$85 per night. 416-588-0560; e-mail annexguesthouse@canada.com or visit us at annexguesthouse.com

Overseas

September 2003 to August 2004, Paris (Latin Quarter). Attractive furnished 1-bedroom apartment, living room, study, five-minute walk to Sorbonne and University of Paris VII, Jussieu. Fully-equipped modern kitchen and bathroom. \$2,200 (Canadian) per month, plus utilities. Tel: 416-924-6057.

Israeli home near Jerusalem. Spacious three-bedroom, two-storey cottage, 20 minutes from Hadassah hospital; yard and garden, two-car garage. In Zur-Hadassah, from July 2003. Tel: 972-2-5334350. E-mail: adimeir@bezeqint.net

Suddenly available! Old stone house in Vissec, a delightful remote village in Languedoc France. Sleeps 7. Weekly rate \$500, starting Saturdays. Contact Squire, tel: 416-925-7582 or e-mail lindsay_squire@hotmail.com

Provence, south of France. Furnished three-bedroom house, picturesque Puyoubier, 20 km from Aix. Available May, August and from October 2003. From \$1,200/month inclusive. Contact Beth at 416-588-2580, b.savan@utoronto.ca, Web site: www.geocities.com/bsavan

Properties for Lease or Sale

Coach house at Bloor and St. George for long-term lease or sale. Furnishings included, 750 sq. ft., loft with 18' ceiling, air conditioning, gas fireplace, pine floors, skylights. Suitable for single professional or couple, available immediately. 416-399-7004.

HEALTH SERVICES

REGISTERED MASSAGE THERAPY. For relief of muscle tension, chronic pains and stress. Treatments are part of your extended health care plan. 170 St. George Street (at Bloor). For appointment call Mindy Hsu, B.A., R.M.T. 416-944-1312.

PERSONAL COUNSELLING in a caring, confidential environment. U of T extended health benefits provide excellent coverage. Evening appointments available. Dr. Ellen Greenberg, Registered Psychologist,

Medical Arts Building, 170 St. George Street. 416-944-3799.

DR. DVORA TRACHTENBERG & DR. GINA FISHER, PSYCHOLOGISTS. Individual/couple/marital psychotherapy. Help for depression/anxiety/loss/stress; work/family/relationships/communication problems; sexual orientation/women's issues. U of T health benefits apply. Medical Arts Building (St. George and Bloor). 416-961-8962.

PSYCHOANALYTIC PSYCHOTHERAPY with a registered psychologist. Dr. June Higgins, Medical Arts Building, 170 St. George Street (Bloor and St. George). 416-928-3640.

Psychologist providing individual and couple therapy. Work stress, anxiety, depression, personal and relationship concerns. U of T health plan covers cost. Dr. Sarah Maddocks, Registered Psychologist, 114 Maitland Street Wellesley & Jarvis). 416-972-1935, ext. 3321.

Dr. Neil Pilkington (Psychologist). Assessment and individual, couples and group cognitive-behaviour therapy for: anxiety/phobias, depression/low self-esteem, stress and anger management, couples issues and sexual identity/orientation concerns. Staff/faculty health care benefits provide full coverage. Morning, afternoon and evening appointments. Downtown/TTC. 416-977-5666. E-mail Dr.Neil.Pilkington@primus.ca

Psychotherapy for personal and relationship issues. Individual, group and couple therapy. U of T extended health plan provides coverage. For a consultation call Dr. Heather A. White, Psychologist, 416-535-9432, 140 Albany Avenue (Bathurst/Bloor).

Evelyn Sommers, Ph.D., Psychologist, provides psychotherapy and counselling for individuals and couples from age 17. Covered under U of T benefits. Yonge and Bloor. 416-413-1098 or e-mail for information package, eks@passport.ca

Dr. Carol Musselman, Registered Psychologist. Psychotherapy for depression, anxiety, trauma and other mental health needs, relationship problems, issues related to gender, sexual orientation, disability. Day and evening appointments. Covered by extended health plans. 489 College Street, Suite 206. 416-568-1100, cmusselman@oise.utoronto.ca

Individual psychotherapy for adults. Evening hours available. Extended benefits coverage for U of T staff. Dr. Paula Gardner, Registered Psychologist, 114 Maitland Street (Wellesley and Jarvis). 416-469-6317.

Dr. Cindy Wahler, Registered Psychologist. Yonge/St. Clair area. Individual and couple psychotherapy. Depression, relationship difficulties, women's issues, health issues, self-esteem. U of T extended health care plan covers psychological services. 416-961-0899 cwahler@sympatico.ca

MASSAGE THERAPY at PacificWellness.ca (80 Bloor St. W., #1100, at Bay). Professional elegant facilities. Female/male registered therapists (RMTs). Direct insurance billing available for U of T staff.

416-929-6958.

ALTERNATIVE MEDICINE SERVICES. Acupuncture, shiatsu, Swedish massage, reflexology, nutrition consultation, hypnotherapy. 80 Bloor Street West, Suite 1100. Tel 416-929-6958; www.pacificwellness.ca

Psychoanalysis & Psychoanalytic Psychotherapy for adolescents, adults, couples. U of T extended health benefits provide coverage. Dr. Klaus Wiedermann, Registered Psychologist, 176 St. George St. Tel 416-962-6671.

MISCELLANY

Travel and teach English: Job guaranteed. TESOL certified in 5 days, in class, online or by correspondence. Attend a FREE information seminar. #209, 101 Spadina Ave. Free infopack. 1-888-270-2941 or www.canadianglobal.net

University Lodge. Masonic Lodge meets monthly on 2nd and 4th Thursdays. For information or to attend meetings contact 416-467-1824 or scott.bukovac@utoronto.ca

Word processing. University grad offers superior typing skills, transcription, copy text, research, business legal word processing. Excellent references. Angie Davies, 416-698-9362.

TAX RETURNS. St. George/Bloor. Prepared by a chartered accountant. Affordable rates. Contact Eban Bari, CA, CPA at 416-895-3226 or ebanbari@hotmail.com. SPECIAL STUDENT RATES. Fluent in Spanish.

NEWLY RENOVATED PROFESSIONAL OFFICE building for rent, approx. 3,000 sq. ft., air-conditioned, parking, professional area, close to East General Hospital, subway, on the Danforth. For more information call Mike, 416-759-7572 (after 6 p.m.) or 416-486-3778 (to leave a message).

Furniture swap. Need used furniture? Household items? Are you leaving Toronto and need to get rid of furniture? Free list of sellers. Specializing in U of T Fellows. 416-481-2764. furniture@settleintoronto.com www.settleintoronto.com

Books! Books! Books! Downsizing? Creating order? Moving? Donate your books NOW for our 12th Annual Victoria College Book Sale — September 25-29, 2003. Volunteers welcome! Proceeds to Victoria University Library. Call 416-585-4585 for pickup and information.

Multi-disciplined researcher available to assist you with your research efforts. Qualifications include two master's degrees (industrial engineering, sociology) separated by 25 years of applied research. Both full-/part-time research considered. Contact david.crousse@utoronto.ca; 905-849-7899.

FEMALE DON NEEDED. Mature, responsible, some maintenance skills. Live-in, oversee chores, moves, enforce house rules (no alcohol/smoking). Start: September 2003, \$75/month + free furnished bedroom in luxurious furnished house. E-mail resumé: baysmithproperties@hotmail.com

A classified ad costs \$18.50 for up to 35 words and \$.50 for each additional word (maximum 70). Your phone number counts as one word, but the components of your address will each be counted as a word, e-mail addresses count as two words.

A cheque or money order payable to **University of Toronto** must accompany your ad. Ads must be submitted in writing, 10 days before *The Bulletin* publication date, to **Mavic Ignacio-Palanca, Department of Public Affairs, 21 King's College Circle, Toronto, Ontario M5S 3J3.**

Ads will not be accepted over the phone. To receive a tearsheet and/or receipt please include a stamped self-addressed envelope. For more information please call (416) 978-2106 or e-mail mavic.palanca@utoronto.ca.

EVENTS



LECTURES

Quantum Cascade Lasers.

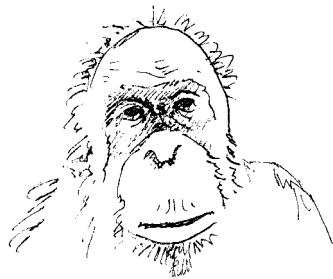
WEDNESDAY, APRIL 9

Claire Gmach, Lucent Technologies. 103 McLennan Physical Laboratories. 11 a.m. Nortel Institute for Telecommunications

A Monk, Missionary and Martyr Who Also Wrote History: John of Ephesus, A Syrian Orthodox Historian in Sixth-Century Byzantium.

WEDNESDAY, APRIL 9

Jan van Ginkel, Leiden University. Auditorium, Earth Sciences Centre. 8 p.m. Canadian Society for Syriac Studies



Great Apes at the Threshold: Reflections on Adventures in Eden.

THURSDAY, APRIL 10

Zinta Zommers, graduating student and Pimlott scholarship and award winner; Douglas Pimlott memorial lecture. Innis College Town Hall. 6 p.m. Environmental Studies Program, Innis College

Inflation, Dark Energy and the Fate of the University.

THURSDAY, APRIL 10

Prof. Andrei Linde, Stanford University; Raymond & Beverly Sackler visiting astrophysicist program. 108 Koffler Institute for Pharmacy Management. 7:30 p.m. Canadian Institute for Theoretical Astrophysics

Punishment and Democracy.

FRIDAY, APRIL 11

Prof. Angela Davis, University of California at Santa Cruz; Theorizing Transnationality, Gender and Citizenship series. Convocation Hall. 7 p.m. Women's Studies & Gender Studies and Study of the United States

Fundamental Studies of C-H Activation Using Low-Valent Rhodium and Iridium Complexes.

MONDAY, APRIL 21

Prof. Robert Bergman, University of California at Berkeley; first of three A.R. Gordon lectures. 158 Lash Miller Chemical Laboratories. 2 p.m. Chemistry



COLLOQUIA

Family, Gender and Civil Law in Colonial North India: A Preliminary Exploration.

WEDNESDAY, APRIL 16

Prof. Malavika Kasturi, history; history graduate-faculty series. 2090 Sidney Smith Hall. 4 to 6 p.m. History

SEMINARS

PTEN Tumour Suppressor Gene in Human Cancers.

MONDAY, APRIL 7

Prof. Alfred Yung, University of Texas at Houston. 114 C.H. Best Institute, 112 College St. 12:30 p.m. BDDMR

Specificity of Synapse Formation in the Vertebrate Visual System.

WEDNESDAY, APRIL 9

Prof. Joshua Sanes, Washington University School of Medicine. 968 Mt. Sinai Hospital. Noon. Samuel Lunenfeld Research Institute

An Engineer Looks at Transplantation of Islets of Langerhans for Diabetes.

WEDNESDAY, APRIL 9

Prof. Clark Colton, Massachusetts Institute of Technology. 116 Wallberg Building. 12:30 p.m. Chemical Engineering & Applied Chemistry

Bioinformatics for Microarrays: From Data Analysis to Genomic Networks.

WEDNESDAY, APRIL 9

Prof. Nick Luscombe, Yale University. 114 C.H. Best Institute, 112 College St. 12:30 p.m. BDDMR

The Early Years Literacy Project in the Toronto District School Board.

THURSDAY, APRIL 10

Karen Edge, senior graduate student, OISE/UT. 1105 Sandford Fleming Building. 7 p.m. OISE/UT

Human Rights Interventionism.

FRIDAY, APRIL 11

Alan Ryan, University of Oxford. 108N Munk Centre for International Studies. 2 to 4 p.m. Political Science and Philosophy

The Ecology of Plant Responses to the Presence of the Natural Enemies of Herbivorous Insects.

FRIDAY, APRIL 11

Celine Muis, PhD proposal/transfer examination. B142 Earth Sciences Centre. 3 p.m. Botany



Learning in Insect Parasitoids: How to Hunt for Hiding Hosts.

FRIDAY, APRIL 11

Prof. Louise Vet, Netherlands Institute of Ecology; visiting U of T at Mississauga biology. 1074 Sidney Smith Hall. 4 p.m. Psychology

Mass(ive) Spectrometry: Getting Past the Foreplay.

WEDNESDAY, APRIL 16

Dr. Andrew Emili, Banting & Best Department of Medical Research. 968 Mt. Sinai Hospital. Noon. Samuel Lunenfeld Research Institute

MEETINGS & CONFERENCES

Committee on Academic Policy & Programs.

WEDNESDAY, APRIL 9

Council Chamber, Simcoe Hall. 4:10 p.m.

Academic Board.

THURSDAY, APRIL 10

Council Chamber, Simcoe Hall. 4:15 p.m.

Achieving Human Rights in a Multicultural Society: Reparations, Human Rights and the Limits of Law.

SATURDAY, APRIL 12 AND

SUNDAY, APRIL 13

The inaugural John & Mary A. Yaremko forum in multiculturalism and human rights will explore the promise and limits of law in redressing past human rights abuses and the challenge this poses in a multicultural society. Topics include the historical backdrop of legalized discrimination, the Chinese-Canadian Head Tax Claim, the role of law in moral regeneration, the use of private law doctrines in reparations claims and the implications for legal theory and the rule of law. Flavelle House, 78 Queen's Park. Registration: jennifer.tam@utoronto.ca; information: www.law.utoronto.ca. Law

Planning & Budget Committee.

TUESDAY, APRIL 15

Council Chamber, Simcoe Hall. 5 p.m.



MUSIC

FACULTY OF MUSIC EDWARD JOHNSON BUILDING

10 O'Clock Jazz Orchestra.

WEDNESDAY, APRIL 9

Paul Read, director. Walter Hall. 8 p.m. Tickets \$12, students and seniors \$6.

Thursdays at Noon.

THURSDAY, APRIL 10

Student chamber ensembles. Walter Hall. 12:10 p.m.

U of T Symphony Orchestra.

SATURDAY, APRIL 12

Raffi Armenian, conductor. MacMillan Theatre. 8 p.m. Tickets \$16, students and seniors \$8.



PLAYS & READINGS

U of T Bookstore Series.

WEDNESDAY, APRIL 9

The other woman: Elizabeth Abbott brings her new work *A History of Mistresses*, and Lesley Downer her most recent work *Madame Sadayakko*. Library, Hart House. 7:30 p.m.

TUESDAY, APRIL 15

Returning to his roots: Guy Gavriel Kay reads from his new book of poetry *Beyond This Dark House*. Library, Hart House. 7:30 p.m.

WEDNESDAY, APRIL 16

Alive and kicking: Niall Ferguson brings his latest work *Empire: The Rise and Demise of the British World Order*. Auditorium, Medical Sciences Building. 7:30 p.m.

MONDAY, APRIL 21

Our coasts, our country: Lesley Choyce reads from his newest book *The Coasts of Canada: A History*. John Stackhouse from his latest book *Timbit Nation: A Hitchhiker's Journey Through Canada*. Innis College Town Hall. 7:30 p.m.

EXHIBITIONS

FACULTY OF ARCHITECTURE, LANDSCAPE & DESIGN Dutch Logic.

TO APRIL 25

Projects and documents from the faculty's global architecture program, Rotterdam 2002. Eric Arthur Gallery. Gallery hours: Monday to Friday, 9 a.m. to 5 p.m.; Saturday, Noon to 5 p.m.

THOMAS FISHER RARE BOOK LIBRARY

Vizetelly & Compan(ies): A Complex Tale of Victorian Printing and Publishing.

TO MAY 2

Exhibition traces the careers of James Vizetelly (1817-1897) and his brother Henry (1820-1894) as printers and engravers and occasionally publishers in the 1840s and 1850s. Hours: Monday to Friday, 9 a.m. to 5 p.m.

ROBERTS LIBRARY

A Matter of Style: Interior

Ornamentation by McCormack & Carroll.

TO AUGUST 15

More than 40 works and archival materials collected by William McCormack and John Carroll throughout their careers as woodcarvers and interior artisans; presented by museum studies graduating class of 2003. Hours: Monday to Thursday, 9 a.m. to 9 p.m.; Friday and Saturday, 9 a.m. to 5 p.m.; Sunday 1 to 5 p.m.

MISCELLANY

Patagonia: Above and Beyond.

SATURDAY, APRIL 12

An audiovisual presentation by Canadian adventurers Lanny Mann and Erika Jensen, inspired by a recent four-month journey that involved trekking over 1,000 km through some of the wildest places in South America. Auditorium OISE/UT, 252 Bloor St. W. 7:30 p.m. Tickets \$10. Information: aboveandbeyond@canada.com or 416-444-7052, 416-571-7300.

UC 150th Anniversary Kick-Off and Residence Site Dedication.

TUESDAY, APRIL 22

Student barbeque, reception, live entertainment and a chance to find out more about activities planned for the anniversary year. 4 to 7 p.m.; formal remarks, 5 p.m.

COMMITTEES

The Bulletin regularly publishes the terms of reference and membership of committees. The deadline for submissions is Monday, two weeks prior to publication.

SCPHILOSOPHY

CHAIR, DEPARTMENT OF PHILOSOPHY

A search committee has been established to recommend a chair of the Department of Philosophy effective July 1.

Members are: Professors Carl Amrhein, dean, Faculty of Arts & Science (chair); Joseph Boyle, Rebecca Comay and Wayne Sumner, philosophy; Susan Howson, vice-dean (undergraduate education and teaching); Brad Inwood, classics; Martin Lin, philosophy, U of T at Scarborough; Michael Marrus, dean,

School of Graduate Studies; Marleen Rozemond, philosophy, U of T at Mississauga; and Vincent Shen, East Asian studies and philosophy; and Gwen Bradford, undergraduate student, philosophy; Michael Garnett, graduate student, philosophy; and Suzanne Puckering, business officer, philosophy.

The committee would appreciate receiving nominations and comments from interested members of the university community. These may be submitted to Dean Carl Amrhein, Room 2020, Sidney Smith Hall.

The “I”s Have It

Innovation, interdisciplinarity and internationalism key benchmarks for a great university

By PETER SINGER

THE UNIVERSITY OF TORONTO, AND ITS research and teaching enterprise, is at a pivotal point in its history. Our sights have been raised, we are in the midst of an academic planning process and within range of becoming one of the world's truly great universities. To reach this goal, I suggest we emphasize three “I”s: innovation, interdisciplinarity and internationalism.

Innovation means tapping into the creativity of basic researchers in fundamental disciplines like physics, chemistry and biology. In a recent speech, President Robert Birgeneau emphasized that of three great recent discoveries — the Internet, global positioning systems and biotechnology — none was pre-planned and all arose from freedom of inquiry, adequately financed, on fundamental questions.

Innovation also means U of T should play a leading role in the development of Canada's innovation system by working co-operatively with government, private industry and civil society. Innovation is key to economic development and universities have several important roles in the Canadian innovation system: they produce discoveries that are commercialized; they produce highly skilled workers; and, perhaps most innovatively, they can contribute to the design of the innovation system itself. U of T has several scholars who are leading thinkers on innovation systems.

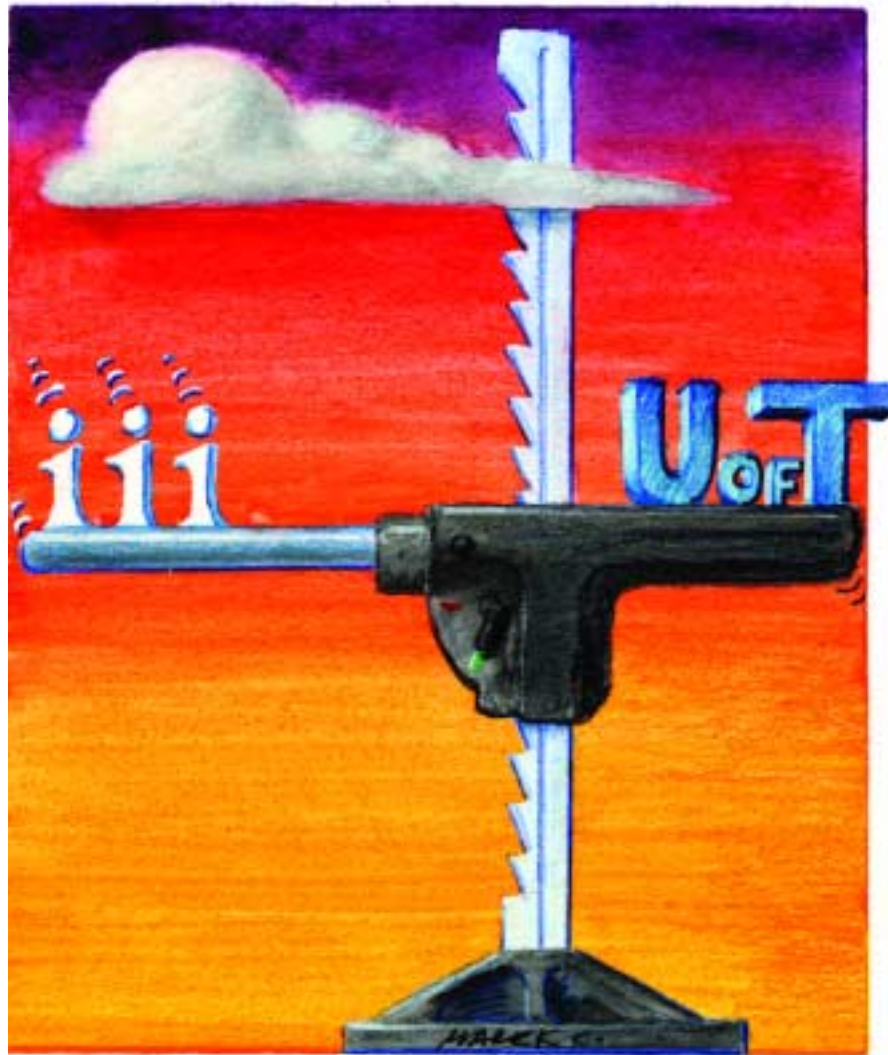
Finally, in order to be truly effective innovation means paying increased attention to the social sciences and humanities. Provost Shirley Neuman recently outlined several important roles for the social sciences and humanities in innovation including fostering cross-cultural understanding in our increasingly globalized world. Scientific discovery — like the recent claim of cloning — raises profound ethical questions and social scientists and humanists have an important role in helping Canadians grapple with them.

Interdisciplinarity means examining problems or issues from the standpoint of several disciplines working together. To my mind the best description of the potential of interdisciplinarity was published by Easton (1991):

... Herein lies one of the major crises of modern knowledge. It is what I have called the Humpty Dumpty problem. To understand the world it has seemed necessary to analyse it by breaking it into many pieces (i.e., the disciplines and their own divisions). But to act in the world, to try to address the issues for the understanding of which highly specialized knowledge was presumably sought, we need to somehow reassemble all the pieces. Here is the rub. Try as we may, we are no more able than all the king's horses and all the king's men to put our knowledge together again for coping with the whole real problems of the world.

As Easton notes, the challenges that confront us do not neatly arrange themselves into traditional academic disciplines. Moreover, scientific fields are converging: for example, the recent emergence of NBIC: nanotechnology, biotechnology, information technology and cognitive neuroscience. Even more challenging are interdisciplinary connections among the sciences, social sciences and humanities. These connections are essential however since societies must strike the appropriate balance between reaping the benefits and managing the risks of any new technology.

Take as an example nanotechnology. While most industrialized countries are investing heavily in nanotechnology research and development (growing from \$678 million US worldwide in 1997 to more than \$2.2 billion in 2002), research on its ethical, environmental, economic, legal and social implications has not yet been taken seriously and pursued on a large enough scale. Nanotechnology raises unique equity, privacy, security, environmental and metaphysical questions that require detailed discussion now and, perhaps, specific regulations in the future. Calls for a moratorium on deployment of nano-materials should serve as a wake-up call for nanotechnology developers. The only way



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to avoid a genetically modified foods-style confrontation is to take immediate steps to close the gap between the science and ethics of nanotechnology. In short, either the ethics will catch up or the science will slow down.

Much touted, interdisciplinarity is seldom practised. There are some examples of truly interdisciplinary research organizations: Rockefeller University, MacArthur Foundation research networks and (recently) the Pasteur Institute. Most universities, like U of T, are organized into departments representing traditional disciplines and so interdisciplinary work does not always flourish. The most radical proposal to change this state of affairs was made by Gazzaniga in an article in *Science* in 1998:

... [that] the university administration announce to its faculty that while continuing to function as they are for one year, they are free to reorganize themselves in any way they see fit, planning new curricula, graduate programs, special emphasis groups and all the rest. For instance, faculty from different departments could combine to teach about an area, such as the mind. They would request space for their new venture and spell out the teaching load they would share. At the end of the year, the new organization of the university should reflect the new configurations of the academic world. After regrouping, people would be better prepared for the intellectual work of the next century.

That's not going to happen at U of T, nor should it. To promote interdisciplinarity does not require abolishing departments and creating centres. The issue is one of balance. The bedrock of a university is its disciplines. However, there are management incentives that could be introduced such as using support for interdisciplinary centres (and obtaining feedback on this from interdisciplinary centre directors) as a criterion in the dean's annual performance appraisal of department chairs and the provost's annual performance appraisal of deans.

Internationalism recognizes that the world is becoming a smaller and increasingly globalized place. For the university, this provides three distinct opportunities. First, we ultimately want to benchmark ourselves against the best international universities in the world — Harvard, MIT, Stanford, Oxford (or at the moment against the best public universities). Second, we want to ensure our students are exposed to the cross-cultural experiences that come with an international outlook — and which are reflected right here in Toronto, one of the world's most intercultural cities. Finally, internationalism could also commit the university to addressing global inequities in education, health and other basic human needs. Life expectancy in Canada is about 80 years and rising; in several countries in sub-Saharan Africa it is expected to be less than 30 years by 2010. These, and similar global challenges, are among the greatest ethical issues in the world today.

A good example of a response to these challenges is the January 2003 announcement at the World Economic Forum of the Grand Challenges in Global Health by the Bill and Melinda Gates Foundation. Inspired by Hilbert's Grand Challenges in Mathematics, this \$200 million US grant competition, conducted in partnership with the US National Institutes of Health, will support highly innovative research that addresses critical scientific challenges in global health. A scientific board, chaired by Nobel laureate Harold Varmus, will identify the grand challenges. The world's most innovative researchers will compete by submitting proposals to “solve” these grand challenges.

Will U of T embrace innovation, interdisciplinarity and internationalism and thereby rise to meet these and similar other challenges?

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