This year, it's Silver Medals in duplicate for top marks

For the first time anyone can remember, it's a tie. The Governor-General's Silver Medal, awarded at spring convocation for the top grade-point average, has been won by two students.

They are Véronique Campbell, a Biology student in the Science College, and Benoit Goudreault-Emmond, who is in Computer Engineering. Both have GPAs of 4.26—4.3 is perfection.

As a result, Huguette Albert, Administrative Assistant to the Registrar, had to phone Rideau Hall, the Governor-General's residence in Ottawa, to request another medal. When she spoke to an official at the Chancellery of Honours, which handles these matters, Albert said, "She seemed very surprised that there was a tie."

The Governor-General's Academic Medals were struck back in 1873, when the then viceroy, the Earl of Dufferin, felt there should be a way to recognize the scholastic achievements of Canadians from coast to coast.

Today, they are awarded to the student with the highest standing at his or her institution at four levels: Bronze for graduating secondary-school students; Bronze Colleague at the post-secondary diploma level; Silver at the undergraduate level; and Gold at the graduate level.

At Concordia, we award the Silver Medal at spring convocation, and the Gold Medal at the single convocation ceremony held in the fall.

As it turned out, the medal has been redesigned this year, and a description supplied by the Chancellery gives the details. "The obverse of the medal [in photo above, at left] depicts the likenesses of Her Excellency the Right Honourable Adrienne Clarkson and His Excellency John Ralston Saul. The curved lines in the background are calligraphic flourishes symbolizing Their Excellencies' involvement with the spoken and written word."

"The reverse of the medal [seen above, at right] honours life, integrating air, fire, water, earth and plants and echoing the knowledge and wisdom passed on by elders to new generations. The design is inspired by the circle of life and the four sacred directions."

"The central circle features the shield of Her Excellency's personal coat of arms. It is a blend of eastern and western symbolism: the Chinese-style phoenix represents Mme Clarkson's family's roots in the Yossyan and Hakka people in southern China and her birthplace, Hong Kong. This Chinese phoenix is linked with the western cultural symbol of the bird rising from the flames, representing rebirth and recreation."

"The maple leaf in the flames dramatizes the new beginnings of Her Excellency's family as Canadians. Mme Clarkson's kinship is a factor. Her journalist is represented by the lightning flash. The Royal Crown symbolizes her service as Governor-General and as the Sovereign's representative."

Each of the Silver Medals will be presented at the recipients' own convocation ceremonies. Véronique Campbell's at one of the Arts and Science ceremonies, and Benoit Goudreault-Emmond's at the Engineering and Computer Science ceremony.

For more on these students, see page 6. — Barbara Black

Medical researcher Cecilia Flores takes her PhD to Harvard

Cecilia Flores came to Concordia from the University of Mexico City partway through her undergraduate degree in 1990. Now she's doing postdoctoral work at the Harvard Medical School.

The Concordia connection was through a professor of pharmacology with whom she was doing volunteer laboratory work. He knew Professor Jane Stewart, and strongly recommended that she contact her. She was impressed with Concordia's psychology program, specifically the psychobiology one, and decided to finish her studies here.

"I immediately liked Concordia," she recalled. "It was very nice for me to find students from all over the world, of different ages, and from different backgrounds." She was plunged into life in English, which she had only studied at school in Mexico, but she soon felt at home.

"Dr. Stewart was especially helpful to me," she said. "She offered me the opportunity to work in her laboratory at the Centre for Studies in Behavioural Neurobiology (CSBN)." As she took her courses, she was learning in the lab how to go about answering these questions experimentally, and attending Dr. Stewart's weekly laboratory meetings.

"As I look back, something that also influenced me significantly was taking a course in physiological psychology with Dr. Peter Shizgal. For me, one of the most fascinating endeavours is to try to understand how the brain works. Physiological psychology not only deals with the study of possible mechanisms underlying brain functioning, but also with the study of how specific brain functions are finally translated into behaviour."

After her BSc, she started work on her Master's in experimen-
Summer program will rally activists from around the world

by Alison Ramsey

Community activists from around the world, professional and amateur, will gather at Concordia in mid-June for six days to share information and learn how to be more effective.

The program is titled Developing Civil Society Through Community Action, and marks the first time in its seven-year history that the Institute in Management and Community Development's summer program has gone international. Preparing for the event took two-and-a-half years.

"It got started by setting up an Internet network to better connect and learn about each other's projects," said coordinator Mireille Landry. "With globalization, it's important for communities to have a voice in decision-making as well as help make local changes that are needed, which have an impact worldwide."

In 104 sessions throughout the week, more than 1,000 participants representing 450 organizations will foster community activism. Two styles predominate: sessions to develop concrete skills — the staple of previous years, or sessions that reflect on the practice of community organizing and development.

Members of the Third Avenue Resource Centre in Montreal will both attend sessions and take the stage to show how neighbourly parent's can have more say in their schools.

A Vancouver activist, Brian K. Murphy, will share his thoughts on building a vision to guide daily actions. "So many of us are busy on a day-to-day basis," said Landry, "but it's very, very important to develop your work and unfold a direction."

Newfoundlanders will demonstrate innovative ways that they have used all sorts of media, from radio programs to the Net, to connect people and promote discussion of common issues.

A joint presentation by youth groups in Santiago, Chile and Montreal, who have worked together for a few years, will present ways to work with teens and young adults to lessen their feelings of alienation.

"Since travelling to Montreal can be a burdensome expense for these grassroots groups, the Institute has arranged about 50 bursaries to help defray costs for the most needy. It has been able to do so thanks to support from the International Conference on Community Development, the Canadian Association for Community Education, and the International Association for Community Development, who are partners in this year's Summer Program."

In another new twist, two Applied Human Sciences courses have been designed around the week of activities. Students define their own projects based on their interests, attend sessions and talk to participants, then write a paper based on their work.

"They meet to share what they've been learning during the week in a nice way," Landry said. "It's a very active way of learning and a wonderful opportunity to connect with people in their field."

To find out more about the Institute for Management and Community Development's Summer Program, taking place June 11-16, please call 848-3956.

Women's studies courses have some surprising payoffs

"There's something in there to apply to everyday life"

by Alison Ramsey

Many students sign up for an introductory women's studies course because the elective fits their schedule, but are surprised to discover how gripping and relevant the course is.

Lillian Robinson, the new principal of the Simone de Beauvoir Institute, recalls a military man who chose her Women and Literature course for convenience. He was so impressed he made a point of telling fellow pilots, "I've got to go read this woman's literature now." Jeering, they would say, "You're taking women's literature?" "Yes," he'd reply, "and so should you."

Robinson's appointment is proof of the university's commitment to the Institute, said outgoing interim principal Fran Shaver. "[Faculty of Arts and Science Dean] Martin Singer recognizes that this is a program that could really be revitalized and do really well."

"It was completely different from what I expected," said Quincy Jaja, a business student who signed up for the Institute's introductory course last year on the advice of friends. "I thought I'd be studying the history of the women's movement," he said. "Instead, it was today's topics and issues, and seeing what goes on and where it stems from. It's good, because it put me in the opposite role. In society, I'm the dominant force. In class, I wasn't."

Suzanne Colet, a longtime nurse, said, "I think it's made me stronger, more confident; as a person. I was able to draw conclusions about how I fit in the feminist movement better." She feels that the introductory course will make her a better nurse because she understands more fully why fellow female nurses have such a difficult time confronting conflict.

"Nurses are particularly prone to that. It comes up everywhere - with doctors, patients, administrators, social workers. Just dealing with men is very, very frustrating. Only in the past 10 or 15 years have women developed a stronger voice."

When Nadia Sciortino signed up for the course, she already had a history of fighting for female rights. The soccer-loving student was initially barred from boys' teams for fear of her getting hurt, but she fought the ban and won. "I'd been playing for 12 years," she said, scoffing at the idea of injury.

Later, as a soccer referee, she also came in for loads of abuse from male opponents and their parents. "I've heard a lot of unimaginable things," she said. "I've heard and seen a lot of mean things."

She was most affected by videos shown in class: one where a poor single mother talked about her difficulties, another that discussed women's image in the media, such as music videos.

"It helps to open your eyes," Hunte said. "I'd recommend it to anyone who asks. They may not need it for their future job, but there will be something in there to apply to everyday life."

Robinson agreed. "People do believe that higher education is in the hands of a bunch of maniacs who question all values, do brainwashing and talk dirty," she said. "I say, it helps to get in there and make some sense of things."

Fran Shaver admitted that "it's difficult to have a lively, vital shop with one full-time faculty member." Robinson makes two, and more hires are expected. "We hope to go back to the full component of up to five full-time faculty, plus an administrator supported by an active group of fellows and partners."
Author on sex bars to head Simone de Beauvoir Institute

This is Lillian Robinson's take on Thai sex bars: "I was in one of these bars, with a lei around my neck, feeling like a prize fool - and looking like a prize ox - and looking like a typical bar. It's like the go-go bars of the '60s and '70s, with songs like Credence Clearwater Revival's Run Through the Jungle - a song about Vietnam, after all - strobe lights and dancers. In North America they'd have one or two dancers suspended in cages, out of reach, because the idea was to have sex liaisons between customers. In Thailand, there are hundreds of dancers, with their crotches at eye level and wearing numbers. Patrons can order a beer and No. 44. "If a patron wants to spend time with the girl, he pays a 'fine' for taking away an entertainer - but there are so many. The message is all about abundance: as much as you want of anything you want. "What makes men do this? It's not that the sex is that much better. It's that there's no possibility of refusal, yet they can maintain the illusion of a 'relationship.' They also convince themselves that they are contributing to the economy. While the only way to help the family is to work in the sex industry - because you can send money home - it's never enough to reach the point where that labour will not be necessary."

In one swoop there, you have a basis for further discussion about women and government, cultural mores, our "use" of Third World countries, the allure of excess, the importance of women's self-determination, and how worldwide consumerism and low-pay sweatshops enforce enduring poverty. Those issues will be part of Robinson's first course, in the winter term, on Women and Globalization.

Robinson interrupted a book she is now completing about two persistent rape myths (that men of colour lust after white women, and that the woman's narrative is always a lie) to write Night Market. "Both these myths are living," she said. "They shape how we read headlines. Look at O.J. Simpson, where it was not rape, but murder. Look at the Central Park Jogger.""Robin's career as a feminist scholar has spanned 31 years and five academic works. She was editor of the four-volume reference work Modern Women Writers, done in 1996, and in 1997 wrote In the Canon's Mouth: Dispatches from the Culture Wars, which deals with multiculturalism, political correctness, and jokes fun at censorship.

Her résumé brims with variety: court translator, published poet and mystery writer, student at the Sorbonne, teacher at University of Hawaii, Radcliffe and, most recently, University of East Carolina. "I have had a very peripatetic life, not by choice," she said. "In the next appointment I have to be my last." A native New Yorker who has been studying French since she was 13, Robinson is happy to be settling into a cosmopolitan, bilingual city. While the city itself appeals to her, it is the nature of the Simone de Beauvoir Institute that excites her. "There's such a range of courses," she said enthusiastically. "There's an extraordinary number of departments that have women's courses. There are courses like Science, Technology and Women's Lives, and Health Issues: Feminist Perspectives, which would not be offered by a medical or science school, as well as courses on the system done from a perspective outside the system. There's Women and Peace. What field would that go in? It wouldn't." The opportunity to continue her research while guiding a well-regarded institute that tackles meaningful issues was a temptation Robinson simply could not resist.

Les P'tits Profs Daycare
Plage Bank Silent Auction
Friday, June 9
Loyola Faculty Club
More than 100 items, from toys to nights out on the town
6:30 p.m. Preview of auction items
7:30 p.m. Bidding
8 p.m. Karaoke
$5 admission includes one drink

And, Alice Dreams...
A musical for the whole family...
Saturday, June 17, at 7:30 p.m.
Sunday, June 18, at 2 p.m.
F.C. Smith Auditorium, Loyola Campus
Presented by the Centre for the Arts in Human Development
Morton Stelcner knew what counted
Economics Professor and Concordia University Faculty Association (CUFA) president Morton Stelcner died suddenly on May 23. He was born in Poland and grew up in Montreal, earning his undergraduate degree at McGill and his graduate degrees at Syracuse University. He had taught at Concordia since 1969. The following is a tribute by his dear friend, Professor Harvey Shulman.

Morty Stelcner has died. It is difficult for his friends to find suitable words to express the depth of our loss. What personal insight can I offer about a close friend of 43 years who, from our high school days, never talked about himself or his own achievements?

I suppose I can tell you about the continuing praise and encouragement that he visited on Ceila and me. We spoke daily, about everything. We reminisced about “the street,” the neighborhood, joys and sad times, times that he laughed at increasingly apocryphal reconstruction of our youth, of how I was ahead of him in an accounting course (two weeks later, I withdrew), and especially about Concordia, a place he loved.

A few years back, he considered a very attractive job offer, but the economist who tried to get me to be more understanding of “market conditions” would choose Concordia because of loyalty, friendships and sentiments. Morty knew how to count; more important, he knew what counted.

The many people he helped as president of CUFA are well aware of Morty’s dedication and skills as an administrator, problem-solver, adversary, and, frequently, as a tenacious and fearless advocate. He managed CUFA accounts with zealous frugality, but when he believed that the collective agreement was being misapplied, or CUFA’s interests were not being adequately defended, he refused to drop a case because of the expense involved.

Morty was hard at working preparing for the upcoming CUFA-administration negotiations, and he assured us that to assure the proper recognition of our members, we should work carefully and effectively. A day before his death, we talked about performance evaluation models, knowing full well that real teaching and research are about curiosity and ideas, not indicators, and service is what we do when we think beyond ourselves, not a committee assignment to add to a dossier.

Morty was, above all, a man of principle. His first principle was the protection of individuals against injustice. He avoided jurisdictional posturing, sloganeering and triomphalism.

Morty worried that the academic community did not appreciate the fact that the union is most successful when it is not being called on to battle arbitrary administrative authority, when due process and fairness are observed, and when faculty and librarians are able to devote energy to teaching, research, and pursuits.

The frequently repeated bromide that everyone is replaceable is not true. Yes, Concordia will continue to exist, and we have accomplished some things. However, while while construction is going on, students must be taught and employees accommodated.

Planning and executing this ambitious construction project is like a game of dominoes. For example, the $37 million promised by the Quebec government has been approved, but delivery of the money hinges on the university vacating its rented space. That can’t be done until there is space to move into.

Appointment
Patricia Posius has been appointed Assistant Director, Auxiliary Services, effective June 26.

She had been Manager, Administrative Affairs, and Assistant to the Director, IITS (Instructional and Information Technology Services) prior to this appointment.

In her new post, she will provide administrative leadership to the following departments: Conference Services, Food Services, Mail Services, Printing Services, and Parking Services.

She will report to Auxiliary Services Director Robert MacKer, whom we join in wishing Patricia success in her new duties.

Museum opens its doors
On Sunday, May 28, Concordia and Bina Ellen Art Gallery was once again an enthusiastic participant in the annual Montreal Museums Day tours. These are well-organized circuits of the area’s many museums and cultural spots, with transportation provided by bus.

The Gallery saw hundreds of visitors throughout the day, and had good company, sharing their bus route with the McCord Museum, the Montreal Museum of Fine Arts and the Canadian Centre for Architecture.

The current show is especially accessible. Called Vital Signs/Signes vitaux, it is a lively exploration of the non-verbal senses, which tend to get “overlooked.”

The following day, the gallery was setting the stage for a reception for group of journalists from Kosovo. Five senior

In brief
News executives took a three-day intensive graduate seminar in electronic media management at Concordia as part of a Canadian working visit.

Their trip was organized by a non-profit organization, Réseau Liberté. As partner of the exchange, Concordia Journalism Chair En Raudsepp is in the Kosov cupl, Pristina, conducting workshops with reporters. CTR will catch up with him in the fall.

Agreement signed
Last Friday, a partnership agreement was signed between Concordia and three Moroccan universities, Hassan II, Ibn Toufai and Mohamed V, in the presence of the Moroccan ambassador, the consul-general, and the Moroccan secretary of state for social and family services.

The agreement will foster academic co-operation in women’s studies, particularly in the areas of women and the law, entrepreneurship, media, and cultural and North African literature.

The signing coincides with a forum on women’s interests and issues organized for May 30 to June 2 by the Moroccan consulate in Montreal, in which Concordia was one of the participating institutions.

Concordia has also signed agreements with four universities in the Maghreb, Algeria, to the Arab government to permit Saudi students to enrol at Concordia. The agreements also provide for collaborative research by faculty.

Thursday Report
Concordia’s Thursday Report is the community newspaper of the University. It is published 18 times during the academic year on a bi-weekly basis by the Public Relations Department of Concordia University.

The master space plan for the downtown campus: a ambitious construction project 1997 because the maintenance and renovation that were needed would have been too costly. The Centennial Building was last used by the students’ association, notably for the radio station, which has been vacant since fall 1996.

- Barbara Black

The Concordia Memorial Golf Tournament
August 16, 2000 - Caughnawaga Golf Club
Rain or Shine
a date to remember

Please join us for golf (whatever your level of play) fun, dinner and prizes! Tee-off times will be on a first come, first-registered basis.

Reservations: $65 for golf and dinner
$32.50 for golf or dinner only
Options: Regular Game or Vegas
Options: Regular Game or Vegas
For more information, please call Perry Calce, 848.2579 or Tony Patricio, 848.4264.

Correction
In our last issue (May 9), we published an article about Eliza Hasegawa, who has been awarded the Faculty of Engineering and Computer Science Teaching Excellence Award. We claimed it was the first such award, but it is in fact the third. The winners in 1998 were Mary Silas and Peter Grogono, and in 1999, Aimin Al-Shahri and Adel M. Hanna. Our sincere apologies are extended to the previous winners.

Editor
Barbara Black
Assistant Editor/Layout
Eugene Yenes
Concept and Production
Marisa Ravina
Marketing Communications
World Wide Web Site
pr.concordia.ca/cirf/
Marcel Danis presents his case for a vital university

Vice-Rector Marcel Danis has called for the deregulation of tuition fees in Quebec, and expressed admiration for a system of tuition repayment that seems to be working well in Australia and New Zealand.

The suggestions were part of a wide-ranging presentation Danis made on Monday morning as the only shortlisted candidate and thus the incumbent for a second term as Vice-Rector Institutional Relations and Secretary-General.

"Australia does not demand upfront payment," he explained. "Instead, students can defer their fees, with the government paying their contribution.

"Students repay what is essentially an interest-free loan through the tax system. After they get a degree, and are employed with a taxable annual income over a specified amount, the government rewards up-front payments with a 25-per-cent discount."

Danis said that the hardest part is the start-up costs, but the Australian experience indicates an almost perfect repayment rate.

In his address, Danis emphasized the success with which Concordia has handled the past decade of budget cuts, early retirements and other challenges. The university's accumulated deficit is $12 million, considerably lower than most other Quebec universities.

The capital campaign has brought in pledges of $100 million to date, and a building campaign will be launched immediately.

Danis said he is a strong supporter of "value-added skills," such as critical thinking, numeracy, communication and language skills and the use of information technology. He would like to be able to reward successful students — those with a full successful year behind them and a B average — with a laptop computer.

Concordia support staff have been reduced by 10 per cent by the recent cuts, yet they must serve approximately 1,500 more students. A recent review of several sectors indicates that even with recent increases, staff earn, on average, 4 to 11 per cent less than their counterparts in the public and para-public sectors.

Danis also indicated a broad range of salary earning faculty, relative to their Quebec peers. The lowest 10 per cent of faculty earn $8,000 less on average, while the top 10 per cent earn $18,000 on average more. While the latter is a good move in a competitive environment, he said, the lowest-paid faculty should pay more.

The number of collective bargaining units at the university have been reduced from 16 to 11, he said, and his goal is to get that number down to eight. A tentative agreement has been reached with CUSSU, the large support staff union, and he hopes to be able to add medical insurance coverage to the benefits enjoyed by CUPEA (part-time faculty) members.

JEP, the Job Evaluation Program, will be redesigned in consultation with stakeholders.

Danis, who is a practicing lawyer and an active teacher in the Political Science Department, said he has enjoyed 32 years at Concordia, and considers it a privilege to teach here. "I see no reason that Concordia cannot be considered one of the leading universities in Canada," he said.

Danis was appointed Vice-Rector, Institutional Relations, in 1996, and named Secretary-General in 1998, when the two offices were merged. He is responsible for the University Advancement Division (Advancement, Alumni Relations), Communications (Public Relations, Marketing Communications, Translation, Information Services), Government Relations, Governance (Legal Counsel, Office of the Board and Senate, Archives) and Human Resources and Employee Relations.

— Barbara Blach

In brief

Two ounces for safety

Une once de prévention: Santé et sécurité dans les arts visuels, a publication of Concordia's Faculty of Fine Arts, was launched at the Musee d'Art Contemporain on May 25.

The English-language version, An Ounce of Prevention: Health and Safety in the Visual Arts, was published in December 1998 to address a widespread need for reliable information on maintaining a safe studio — such issues as ventilation and air quality, electricity, lighting fire hazards, temperature, noise, floors, plumbing and lighting.

Devora Neumark did much of the research for the book, and, with Douglas Scott and Paul Gregory, compiled and wrote it. The translator is Jean-Paul Micheline, whose daughter, Micheline Champagne-Tremblay, won a competition for Design Art students for the book cover.

The Quebec government's Commission de la santé et de la sécurité du travail (CSSST) heartily endorsed the book. Copies may be bought for $8.25 at the Concordia Bookstores and the art supplies shop in the VA Building, among other locations.

Rector's Circle dinner celebrates major donors

The Rector's Circle Dinner, an annual expression of gratitude on the part of the university toward its major donors, was held May 16 at the University Club of Montreal.

Members of the Rector's Circle include charter members, who gave $10,000 or more to the Campaign for Concordia in 1983-88, and annual members, who have given $2,000 or more annually to the recent Campaign for a New Millennium or to the university.

Membership has grown steadily. This year, in addition to the 55 individuals and couples who are charter members, there are 155 annual members, bringing total membership to over 200.

In this photo, taken at the dinner, are Rector's Circle members from among Concordia faculty and staff, and two non-members.

Standing, left to right, are William Curran, Director of Libraries; David Brown, representing the Sir George Williams alumni association (non-member); Donald Bolvort, Dean of Students; Martin Singer, Dean of Arts and Science; and Robert R. Bolvin, Advisor, Concordia University Foundation. Seated are Tamás Zsolnay, Director, University Advancement and Alumni Relations; Frances Shaver, Vice-Dean, Arts and Science; Jane Hackett, Dean of Students (non-member); and Rector Frederic Lowy.

Pay equity talks begin

Talks have begun on the subject of pay equity at Concordia with employee representatives.

Legislation was introduced in 1996 by the Quebec government to address salary gaps due to systemic gender discrimination. It starts from the premise that women are segregated into a narrow range of occupations, in which their work is undervalued.

Under the legislation, institutions could submit existing programs to a government commission that would evaluate their compliance with the principles of law. Concordia submitted its Job Evaluation Program (JEP), and it was accepted.

However, only two collective bargaining units and one employees' association at Concordia are covered by JEP. They are CUPEA (part-time faculty), and the Continuing Education (CUCEPTFU) unions have decided to develop their own plans.

As well, the university must set up a pay equity committee or committees, who will post their work publicly, train committee members, if needed; disclose to them the information necessary to carry out their responsibilities; and make any necessary adjustments in compensation.

The study includes a compensation comparison between a female-predominant job category and a male-predominant job category. A job category is considered predominately female or predominately male if there are 60 per cent or more employees of the same sex in that category. When no female predominance is observed, there is no basis for comparison and no comparison work is necessary.

The work of the committee includes the following chronological steps:

• Identification of predominantly female and male job categories
• Description of evaluation tools and procedure to be used to determine the value of job categories
• Determination of the value of job categories and the valuations of differences in compensation
• Information on the required pay adjustments and the amount of adjustments from November 2001 to November 2005

With thanks to Robert Lacasse, Human Resources and Employee Relations
Benoit Goudreault-Emond

Benoit Goudreault-Emond seriously considered becoming a computer scientist, but he realized that "most computer experts think of the computer as just a black box. I wanted to learn how the whole thing worked."

He entered Concordia's Computer Engineering program, and did so well that he will receive at least three awards at the Engineering and Computer Science convocation ceremony: the Computer Engineering Medal, for which his relevant grade-point average is 4.29, the Chati Medal for top Bachelor of Engineering student (GPA 4.25), and the top award for a graduating student for the whole university, a tie with another student, for which his GPA for all the courses he took is 4.26.

Goudreault-Emond has always been a good student. He attended a private high school in Rosemont, then College Maisonneuve, where he was one of the outstanding graduates in the pure and applied sciences program.

He admits that work and study suit his temperament, but he also has some tips for aspiring scholars. "Keep the problem you're working on in mind and don't get distracted by side issues," he says. "Try to learn as much as possible by yourself, and read a lot, or you'll become obsolete in a few years."

For a while, Goudreault-Emond is going to work full-time at Silanis Technology, a small software company where he has been employed in the summers.

However, he knows he'll go back to school, probably to do a Master's in Business Administration and an advanced technical degree.

- Barbara Black

Three of the best from the Science College

Anesthetizing and dissecting water striders, a kind of spider that "skates" on river banks, and then locating their reproductive organs, is not a typical skill, but it comprised a research project that Veronique Campbell did as part of the Science College curriculum — and it helped her to understand concepts of evolution.

One of the attractions of Concordia's Science College is the opportunity students get to do three supervised research projects, of increasing difficulty, while they are still undergraduates. That's what interested Campbell, a Biology major with an Honours in Ecology.

Three research projects later, she is one of two recipients of the Governor-General's Silver Medal, and the winner of this year's Science College medal, awarded to the student with the highest grade point average at the college.

Having attended French-language schools all her life, Campbell came to Concordia, in part, to practise her English — and she was perfectly prepared to do poorly as a result. "For the first month of school, I read my chapters in French and then translated them in English. After about one month I got used [to the English instruction], and it wasn't a problem any more," she said.

Campbell, 25, attributes her academic success to the two years she took off from school to think and travel. Her mother is an education consultant who works in Benin, a small country west of Nigeria, and Campbell visits her often. Together they travelled to several African countries, including Kenya, Gabon, Cameroon, Morocco and South Africa.

"While in South Africa, she volunteered for three months with a marine biologist, helping her to study the dwindling mussel population off the coast. When it came time to return to school, the practical experience was invaluable. "After three months with the biologist, I noticed that the same concepts kept coming up in class and over and over again, so I was familiar with them," she said.

Her next stop is the University of Alberta, where she will be doing graduate studies on the genetic diversity of Canada's lynx population.

John-Christopher Boyer, 25, tried several courses as an independent student before finally finding a niche in the world of physical chemistry. A few years ago, it wasn't clear what direction Boyer would be heading in. He, too, took some time off after finishing high school and worked for a few years at his father's clothing company in Jamaica. While there, he took some courses.

"I was actually a pretty poor student — I got 4 Ds," he said. "After four years of work, I applied to McGill and, with those grades, I didn't get accepted."

He was eventually accepted as an independent student at Concordia in 1997 and switched to Chemistry shortly after. Now he is graduating in Honours Chemistry with a GPA of 4.00 (4.30 is perfect).

His honours thesis was on laser spectroscopy. He examined the optical properties of glass and crystals that can be used in telecommunications. "I think it's really hard to do an honours project without any previous experience," he said. "The independent research projects [required by the Science College] helped a lot."

Boyer recently received a National Science and Engineering Research Council (NSERC) grant that will allow him to continue studying at Concordia with Professor John Capobianco.

Mixing the theoretical with the practical is how David Hambly went about completing his Honours Biochemistry program. In addition to being a member of the Science College, Hambly also participated in the Chemistry/Biochemistry Co-op, which allowed him to do alternate semesters of work and school.

"From the time that I started school until December 1999, I think I took about one week off — and that was for my honeymoon," he said with a laugh. "It was an extremely intense schedule."

Through the Co-op, he has worked for four-month stints at the pharmaceutical companies of Merck-Frosst and Boehringer-Ingelheim, where he focused on viral research, and also at the University of Ottawa.

He leaves Montreal on May 20 to settle himself in La Jolla (near San Diego), California, where he will be studying for a PhD in the macromolecular and cellular structure chemistry program at Scripps Research Institute.

What was the secret to his success? "I sit in the front. I take really good notes. I never memorize anything. What's the point of doing that? I figure that if I really make the most out of my time in class, then I won't have to spend as much time studying outside."

"That way, I maintain my social life. I have to, I'm married."

- Anna Brutalich

Jennifer Ng

The sky is the limit for Jennifer Ng. The Concordia graduate, who is receiving a Bachelor of Science in Actuarial Mathematics, conducted her studies while working as a flight attendant for Air Canada, taking her homework to places as far away as Los Angeles and Tel Aviv.

Ng, who came to Concordia in 1997, has worked for Air Canada for five years. She started as a summer temp, but has worked her way up to in-charge flight attendant, flying all over North America, the Caribbean, Europe and the Middle East, all the while pursuing her aim to become an actuary.

"I would go to school during the week and then I would work on my days off from school," Ng said. "I would bring my books with me and read on my layovers — and even on the plane, when it is such a long flight that there is time to read. I used my little breaks for that."

Ng, who also has a BSc in anatomy from McGill, found it easier to reconcile her job with her studies at Concordia. "At McGill they have a stricter class schedule, where you can basically take only day classes," she said.

"At Concordia it was a lot easier to plan my schedule. The last semester I took classes from Tuesdays to Thursdays, so I would work Fridays to Mondays."

Asked whether that was not too gruelling, Ng admitted that it "took a lot of getting used to." Although she sometimes would "drag her books around for three or four days without even opening them," most of the time she was able to use her time efficiently.

With her degree in hand, Ng is now preparing to take entrance examinations to become a licensed actuary. "I would like to work for a consulting firm," she said. Still, she is not keen to leave her work as a flight attendant behind. "I'm enjoying Air Canada right now," she said.

- Frank Kain

Photo: Gauvreau

June 8, 2000
Concordia's Thursday Report
Wayne Kennedy: Exploring Khmer culture

For the last two years, Wayne Kennedy has been a frequent visitor to the Khmer Pagoda of Canada, a Buddhist temple in Côte-des-Neiges that serves Montreal’s Cambodian community. In the course of research for his Master’s thesis in Art Education, Kennedy tried to uncover what significance the temple’s colourful paintings and golden statuettes had for its worshippers.

The religion tends to define the culture, said Kennedy, who is seen above with a mural depicting the stages from birth to death. For his thesis, Kennedy interviewed six members of the temple, many of whom had stories of tragedy and courage to tell about their lives under the Khmer Rouge, the Communist regime accused of executing an estimated two million Cambodians.

In the last four years, Kennedy has been involved with various Buddhist communities—Thai, Burmese and Bangladeshi—picking up some Pali, an ancient regional language, along the way. Kennedy has been accepted to the Ontario Institute for Studies in Education, a division of the University of Toronto, where he will be pursuing a doctoral degree.

He hopes one day to be able to travel to Southeast Asia and visit the million Cambodians.

Karen Tam

Karen Tam is very attached to her family. In fact, they are the source of her artistic inspiration, and have helped her create a body of work that has gained her entry to one of the world’s best art schools, the School of the Art Institute of Chicago.

The family history is poignant, but it has a happy ending. Karen’s great-grandfather came to Canada early in the 20th century, when he was a young man looking for work so that he could send money back to his young family. “A month’s salary here was equal to a year’s salary in China,” she explained.

Because of Canadian government restrictions imposed on Chinese, the so-called Exclusion Act, her great-grandfather spent the rest of his life here, and it was only months before he died in 1967 that his family would immigrate to join him.

Karen’s art has involved her family in many ways. One of her installations features a painting by Tam of her mother, flanked by two photos of her mother as a young woman mounted on typically Chinese wall dividers, “dividing the past from the present.”

Another piece looks like two bookshelves mounted in a corner. Each holds a row of thick pieces of glass signed with Chinese characters, poems written by Chinese detainees on Angel Island in California. The light shining through the glass throws shadows of the calligraphy on the wall behind.

Yet another installation looks like a school desk, with a headset, five compact disks, and a set of notebooks. Tam recorded speeches by members of her extended family in Toishanese, a rural Chinese dialect. She transcribed it phonetically into English, and then translated it into English. Toishanese is dying in North America with each succeeding generation. Although she stopped speaking it at home, Tam recorded the speech at home when she decided “it wasn’t cool,” as she said with a laugh, now she’s changing her mind.

While she started at Concordia in painting and drawing, Tam has moved into doing installations. She loves using all sorts of materials in new ways, including the incorporation of sound into her pieces, so in Chicago, she will do her MFA in sculpture.

Katherine Bosnitch

Katherine Bosnitch’s graduate work is the stuff of coffee-table books. Bosnitch, who is receiving an MFA in Art History, traced the groundbreaking fashion advertising by the Montreal flagship store of Eaton’s through the 1950s and 1960s, documenting what she describes as “gorgeous illustrations” in a pioneering style that were printed using cutting-edge colour technology.

Focusing specifically on the work of three artists in advertising campaigns printed in The Gazette, Bosnitch painstakingly analyzed the style of Eaton’s fashion illustration and its use of colour in all editions of The Gazette from 1925 to 1972. Eaton’s was “very advanced” in the use of colour, she explained, while The Gazette was the first newspaper in Quebec to carry run-of-press colour ads.

The ads revolutionized the style of advertising,” said Bosnitch, explaining that Montreal illustrators were in the forefront of a move away from Expressionist drawings, toward a new style similar to poster art, such as that of French artist Toulouse-Lautrec at the turn of the century. The full-page ads in The Gazette, she added, were “absolutely spectacular.”

For Bosnitch, herself a working fashion illustrator, the writing of her thesis is the completion of a mission. She was inspired to go back to university by a working stint in France, where she found commercial fashion illustrators were well respected and organized.

“In North America, commercial art is rarely looked at from an art historical perspective,” Bosnitch explained. “I wanted to write about commercial illustration because it’s something that nobody writes about in this country. I wanted to give credibility to illustration, and document our history while the artists and their archival...
Already, she has contributed to a book about the fashion industry Royal Ontario Museum, in addition to the drawings to spread the message about the work of Canadian illustrators. Specifically, Bosnitch found that three Montreal artists — art director Jack Parker and illustrators Eugenie Groh and Georgine Strathy — “really did revolutionary work” for commercial advertising. “I would like people to realize that Canadians are accomplished in commercial illustration. We shouldn’t always be looking abroad to hear about what everybody else has done.” — Frank Kuo

Suzanne Bate

Suzanne Bate just went on a $250 shopping spree at Zeller’s because nothing in her wardrobe is suitable for the scorching heat of Senegal, to which she will be subjected for the next 10 weeks. Bate, who majored in Anthropology with a minor in Religion, will be working on a community development project as part of an internship offered by Forces Avenir, a non-profit organization that rewards student initiative. She was approached by representatives of Forces Avenir at a ceremony where Bate, 28, was receiving yet another accolade for her contribution to student life. She applied and was a finalist, but when some of the winners couldn’t go on the internship to Africa, she happily agreed to go in their place.

“I dropped my plans, I quit my job and I’ve been studying the language,” she said. Wolof, the language of the area outside the capital city of Dakar, where she will be working, is spoken very quickly by the natives. “I’ll probably get the hang of it when I leave.”

Bate has shown a deep interest in alleviating student poverty. Four years ago, she began volunteering at Mother Hubbard’s Cupboard by helping to cook the weekly vegan meals served to students for $1.

“I went there out of need because I was just flat broke. I had an extra fifty to my name. I didn’t have anything to eat at home and I was hungry.” For the next three years she was the volunteer coordinator of the Campus Ministry outreach program.

She has also volunteered for the Peer Support Program, the Concordia Women’s Centre and the Centre for Native Education. Recently she co-founded a national non-profit support organization called Advocacy for Native Adoptees.

Born in Edmonton of Métis parents, she was adopted by a white family from B.C., and felt alienated at various times from both natives and non-natives. Bate hopes to be accepted for another internship, this one offered by Pacific People Partners and based in Tahiti. She will probably take a break from her studies for the next couple of years and is contemplating a stint as an English instructor in Japan to help repay a chunk of the student loan she has accumulated.

— Anna Brattil

Veronica Promyshlianskaia

When Veronica Promyshlianskaia was awarded the Bank of Montreal Pauline Vanier MBA Fellowship, valued at $10,000 a year for two years, she decided she would go ahead and get her Canadian citizenship after all. She had her doubts about it, because it was a big move that would symbolically sever her from her past life.

“It made me really very proud of Canada. I was a stranger, like someone from the street, not even a Canadian citizen. All I did was submit an application,” she said in a phone interview.

The fellowship, named after the much-loved wife of a late Governor-General, is awarded to a deserving woman who has at least two years of business experience. But Promyshlianskaia, 37, seems to have fallen into the world of business by accident.

Back in Ukraine, Promyshlianskaia earned a degree in mechanical engineering from Kharkov Polytechnical University. She specialized in the dynamics and strengths of machines, a highly theoretical field that seems to have fallen into the world of business by accident.

In 1997, after a year she arrived in Canada, she enrolled as an undergraduate in Accounting at Concordia, but was advised to switch to an MBA program by a professor who noted how she breezed through the courses with near-perfect grades. Eventually she found herself juggling full-time MBA studies with almost-full-time work at a downtown notarial firm, where she now works as a financial officer.

“My whole day was scheduled to the minute,” she said. In the end, she added, the combination of practical experience from work with theoretical knowledge from class made her more qualified to do her job. “To study accounting from books [only] can make you lose a little bit of your qualifications, even with good courses. I believe you should practice every day.”

As with many immigrants, Promyshlianskaia had to overcome the language barrier. “I couldn’t speak English, only read and write a little bit. Nobody [in the former Soviet Union] expected us to communicate with people from the Western world.” Now she looks toward to reading authors like John Galworthy and James Fenimore Cooper — both very popular in Russia — in the original English.

— Anna Brattil

Rebekah Tolley

Rebekah Tolley has a passion for trees. For the past seven years, she has spent her summers planting them for lumber companies in Alberta, Ontario and northern Quebec.

“The work is laborious. Platers are required to carry heavy loads of seedling on their backs for hours and bend down every few feet to dig a hole for the next tree. “It’s really grungy and dirty,” she said. In other words, it’s perfect for artists.

The experience has given Tolley, a Studio Arts major (Printmaking) with a minor in Creative Writing, a lot to say about the state of Canadian forests and the forest industry. These ideas often find a voice in her prints.

That’s her work on the cover of the winter issue of the cultural magazine Matrix. She superimposed a map on a picture of her back, her spine drawn in the shape of a rotting tree. As a writer/artist, she has made a number of handbound books. Printmaking has become a way for her to combine art and activism, and fortunately, she has been very successful at it.

This year, when she applied to the Master’s programs of several American universities, she had no idea how she would pay the characteristically high tuition fees if she were accepted, but a few weeks ago, she was informed that she can continue to study printmaking on a $17,000 (U.S.) grant at the Tyler School of Art of Temple University in Philadelphia.

It wasn’t always clear in what direction she would head. Coming from a family of engineers, Tolley was encouraged to study the sciences, in which large part of the potential employment security it offered, but “when my mother would ask me what I would do, I’d say, ‘Mom, I want to do my own art.’”

After finishing high school, Tolley travelled for two years, backpacking through New Zealand, Spain and South America. “It was probably the best thing for me, because you get a chance to mature,” she said. And it had another effect. “I wanted to go back and be a student again.”

— Anna Brattil

Muthukumaran Packirisamy

Muthukumaran Packirisamy’s doctorate grew out of a fascination with micromachines, those tiny devices the size of
of a human hair that can be made into motors, turbines, sensors, actuators, pumps and rockets. Thanks to developments in silicon technology, components as small as 10 micrometres in size can be produced reliably, fast, miniaturized machines at low cost. MEMS (micro-electromechanical systems) components are being applied in defence, biotechnology, telecommunications, automobiles and many other areas.

"Their ability to collect and process information, compute the course of action and thereby manipulate the environment or a macro system make MEMS the product-differentiating technology for the next century," Packirisamy said. "My PhD research contributed towards understanding and solving some fundamental multi-disciplinary problems associated with the fabrication and vibration of these devices."

The behaviour of macro systems in nature is determined by micro-level mechanisms, whether it is at atomic levels for materials or at the cell level for biological organisms, he explained. The vibration of these microstructures is something like the vibration of musical instruments.

"I proposed a unified concept called boundary conditioning in order to study and manipulate the vibration behaviour of both micro and macro systems. As the understanding of the physics of these micro systems is not absolutely certain now, the use of mathematical operators that can absorb imprecision of the system is helpful. The fuzzy logic approach is a very powerful tool to deal with such systems, as it applies approximate reasoning mechanisms on appropriately coded knowledge very similar to that of the human mind."

Packirisamy started his schooling in a small town in India called Kumbakonam, where, he said cheerfully, "I was the topper in all the schools."

He attended Regional Engineering College, Tiruchirapalli, and the Indian Institute of Technology, Madras, where he got his Master's of Science with the highest possible grades in all his courses. He also worked as a research scientist in India for six years.

"It was such a fantastic feeling when I got the offer from Concordia to do a PhD in MEMS along with a graduate fellowship and tuition fee remission award," he said. While he worked on his thesis, Packirisamy designed and installed a microfabrication facility at Concordia, where he was associated with the CONCAVE Centre.

Packirisamy got A grades in all six courses for his PhD program. His supervisors, Professors Banna Bhat and Ion Stiharu, said his thesis was unique.

"It combined three areas in a very interesting fashion," said Professor Bhat. "He used the West Indian steel pan as an application example for the method that he was developing, and developed an interest in music as a result. He took up playing a classical percussion instrument about a year ago, and continues working on it."

Bhat added, "Muthukumaran set excellent examples for his fellow students. He was a team player, inspiring everyone with his calm and quiet demeanour. He was full of self-assurance in everything that he did."

Even before he completed his doctorate, Packirisamy was hired by MITEL Technologies, of Ottawa, where he is already hard at work on the research he loves. He expressed his gratitude to Bhat and Stiharu for their support, and added in an interview by e-mail, "I am proud that my research work contributed towards further establishing Concordia as one of the pioneers in the area of MEMS in Canada."

Barbara Black

Anita Grace

Anita Grace, a Journalism Diploma spring graduate with a BA from the University of Saskatchewan, sent us this dispatch by e-mail from Europe.

La Via Podiensis is over 1,000 years old. Its trails meander through high mountain meadows, steep river valleys and through narrow cobblestone streets. And as it has done for millions of others, it leads me through France and Spain to Santiago de Compostella.

To follow an ancient pilgrimage was an idea inspired by the Canterbury Tales and provided for by a travel scholarship from the University of Saskatchewan. Not long after finishing Concordia's Journalism Diploma program, I found myself descending the great steps of Notre Dame du Puy-en-Velay Cathedral, beginning the 1,600-km journey to Compostella.

During the Middle Ages, the roads to this cathedral, built over the site of St. James the Apostle, were thronged with pilgrims. Churches, monasteries and hostels sprang up to welcome them. Even the kings of France joined these religious voyages.

Although interest waned after the 16th century, in recent years, pilgrimages to Compostella have been revived. Last year, more than 400,000 people successfully completed a pilgrimage to Camino stella — Compostella — the field of stars.

This summer, I am adding my footsteps to those along the Chemin de St-Jacques. Each evening I sit at dinner with people from various corners of Europe and the world, and along the trail I meet pilgrims on foot, on bike and even on horseback. Walking an average of 25 km a day, I should reach my destination in two and a half months.

"It's reaching out to the community outside of Concordia as well as to the community inside Concordia," Gondo said.

Her extracurricular activities also include coaching girls’ basketball at the YMCA and tutoring at the downtown Y and Walkley Family Centre. She plans to combine her academic training with the skills she has honed in security and serving her community to launch her career as a police officer with Canada’s most prestigious force.

"I think definitely I will be applying my psychology degree," she said. "As a police officer, you are dealing with people. You need to understand their background and psychology, for example, to interact with a battered woman or children in a crisis situation."

While she is eager to set off for the RCMP training camp in Regina so she can join the labour force, Gondo has not closed the door on further education. The RCMP encourages its officers to engage in lifelong learning, and considering Gondo’s gusto for challenge, she may well pursue a Master’s or even a PhD.

-Frank Kui

Great Grads 2000

Liliane Gondo

Liliane Gondo is trading in her burgundy Garnet Key blazer for the scarlet tunic of the Royal Canadian Mounted Police, now that she has her degree in psychology.

The Iowa-Coast-born Montrealer has big plans, but then, anyone who knows her would not expect any less. While studying psychology, Gondo has been involved in every facet of Concordia and community life.

As a member of the Garnet Key, she acted as a student ambassador at university events. With her ultimate goal to join the RCMP in mind, she has been involved with the Concordia Safety Patrol since 1997, first as assistant coordinator, and for the last two years as coordinator.

The Safety Patrol works to raise awareness about safety issues on campus, including providing security for students and offering self-defence courses. "It's reaching out to the community outside of Concordia as well as to the community inside Concordia," Gondo said.

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-Frank Kui

Convocation awards

- Governor-General's Silver Medal, for the highest-ranking undergraduate: Anne Véronique Campbell and Benoit Goudreault-Emond
- Birks Medal, for Bachelor of Arts: Alison Colby Lewis
- Anne Stikes Medal, for Bachelor of Education: Eric Lamoureux (fall 1999 graduate)
- Mappin Medal, for Bachelor of Science: Anne Véronique Campbell
- Administration Medal: Marianne Sheshko
- Charles E. Frost Medal, for Bachelor of Commerce: Jean-Michel Langlois
- Chuit Medal, for Bachelor of Engineering: Benoît Goudreault-Emond
- Computer Science Medal: Kun Han
- Alfred Pinsky Medal, for Bachelor of Fine Arts: Guy Lamarre
Max Barlow

Max Barlow received his undergraduate education in geography at the University of Wales, and his graduate training at Cincinnati and McGill. Before joining Concordia University's Geography Department in 1976, he taught at the State University of New York, McMaster, Saskatchewan, and McGill Universities. He has also held many visiting posts around the world.

Dr. Barlow is a political geographer who specializes in metropolitan geography. He has held many visiting posts around the world.

Dr. Barlow was heavily involved in the launch of the Human Environment. He is the author of more than 40 research papers in international journals, and has active collaborations with other groups in Montreal, as well as in Helsinki, Chicago and Taiwan. Throughout her stay at Concordia University, Dr. Frank has held NSERC and other research grants totaling more than $300,000.

Dr. Frank is a highly regarded teacher, especially for senior undergraduate and graduate courses in theoretical physics. She has supervised several graduate students and also a number of postdoctoral fellows and research assistants.

Dr. Frank has served as Graduate Program Director from 1995 to 1999, when she was responsible for the complete overhaul of the graduate curriculum. Outside the department, she served on the Arts and Science curriculum committee, represented mathematics and physics on the Commission des Universites sur les Programmes, Sous-Commission pour Mathematique, Physique et Informatique, and is a member of the NSERC, NATO, and Visiting Fellowships selection committees.

Luc-Alain Giraudelle

A native Montrealer, Luc-Alain Giraudelle obtained his BSc (1978), MSc (1981) and PhD (1985) in biology from the University of Toronto. After two years in the Department of Psychology at the University of Toronto, he was awarded an NSERC University Research Fellowship in the Department of Biology at Concordia University. He joined Concordia University as Assistant Professor in 1992 and Associate Professor in 1993.

He has been a visiting researcher in the laboratory of Sir John Krebs at the Edward Grey Institute of Medical Research at Oxford University, and has twice been Professor of the French University of Paris (XII), France. Professor Giraudelle is internationally renowned for his theoretical and empirical contributions to our understanding of foraging behaviour and learning in non-domestic animals. His research, funded through NSERC and FCAR, addresses the questions of exploitation and co-operation within social groups, and has led to the publication of a book titled Laws of Chaos: Invariant Measures and Dynamical Systems in One Dimension, which was published in 1997. He has been successful in receiving research grants, and has graduated two doctoral students and 11 graduate students at Concordia.

Dr. Gora serves as the resources coordinator for the department, chairs the computer committee, and is a member of the departmental personnel committee.

Dr. Gora's area of research is dynamical systems and ergodic theory. In particular, his research is in the areas of absolutely continuous invariant measures for piecewise dissipative systems, and quasi-ergodic properties, Perron-Frobenius operator, complex dynamics, fractals, and fractal image compression. In addition to having had many papers published, he has co-authored a book titled Laws of Chaos: Invariant Measures and Dynamical Systems in One Dimension, which was published in 1997. He has been successful in receiving research grants, and has graduated two doctoral students and 11 graduate students at Concordia.

Paweł Gora received his PhD in mathematics from Warsaw University in 1981 and was an assistant professor there until 1990. He then joined Concordia University as an assistant professor and was promoted to associate professor in 1993. He received a higher doctorate in mathematics in 1996 from Warsaw University.

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Pawel Gora received his PhD in mathematics from Warsaw University in 1981 and was an assistant professor there until 1990. He then joined Concordia University as an assistant professor and was promoted to associate professor in 1993. He received a higher doctorate in mathematics in 1996 from Warsaw University.

Dr. Howe's research has primarily focused on co-construction of meaning in the sibling relationship. She also has investigated how the design of the dramatic play centre in the early childhood classroom influences the quality of children's play. Finally, Dr. Howe has had a long-standing interest in Canadian child care and related social policy issues.

She has published many papers in journals in both developmental psychology and early childhood education journals. Most recently, she co-edited a book (with L. Prochnor) on Early Childhood Care and Education in Canada (2000), and has been co-editor of the Canadian Journal of Research in Early Childhood Education for the past six years. She has received generous funding from the SSHRC, and is a member of an FCAR research team that includes members from four universities.

Dr. Howe has been an active teacher, specifically in the Specialization in Early Childhood Education and Elementary Education and the MA in Child Study programs in the Department of Education. She supervises graduate students in the Child Study Individualized Program in the Psychology Department. She has also served on a number of department and university committees.

Dorothy Markiewicz

Dorothy Markiewicz obtained her PhD in Psychology from Ohio State University in 1972. After a two-year stint as an assistant professor at Northern Illinois University, she joined Concordia University in 1974 as an Assistant Professor in the Psychology Department. She obtained a joint position with the departments of Psychology and Applied Social Sciences (now Applied Human Sciences) in 1976.

Dr. Markiewicz has taught courses in Interpersonal and Group Dynamics, Adult Development, Counselling, and Abnormal Psychology.

Following the completion of her doctorate in social psychology, Dr. Markiewicz's research focused on issues of interpersonal attraction, gender differences, and personal adjustment. More recently, through her collaborations with Drs. Doyle and Pauthier in the Department of Psychology, she has made significant contributions to research on family factors and the psychological costs of care-giving in the development of children and adolescents' peer relations.

Dr. Markiewicz is the Acting Chair of the Department of Applied Human Sciences and has been elected as the Acting Graduate Program Director for the MA in Human Systems Intervention for the 2000-2001 academic year. From 1990-97, she served as Associate Dean in the School of Graduate Studies. During this six-year period, she made significant contributions to research on family factors and the psychological costs of care-giving in the development of children and adolescents' peer relations.

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Sylvia Ruby joined Sir George Williams University in 1971 and has been a leading member of the organismal biology and ecotoxicology sectors of the Biology Department throughout her career.

She has a well-deserved reputation as an excellent teacher, and in 1996 was awarded the Concordia University Alumni Award for Excellence in Teaching. She has supervised many Master's and graduate students, and has been consistently active in undergraduate advising and curriculum development.

Dr. Ruby has also served as Graduate Program Director and Acting Chair in the Department of Biology, Director of the Graduate Diploma in Ecotoxicology, and Vice-Dean, Student Affairs, in the Faculty of Arts and Science. In addition, she has served on numerous university councils, including Arts and Science Faculty Council (12 years), Council of the School of Graduate Studies, University Academic Programs Committee and Senate. On a national level, she served as a member of the Council of the Canadian Society of Zoologists from 1989 to 1992.

Dr. Ruby has published consistently in the area of reproductive toxicology and risk assessment. Many of her graduate students have become successful professionals in academic and research institutions, government and industry throughout Canada and the U.S. In 1997, one of her students won the Best Student Award at a national meeting for his work.

Her current research centers on a collaborative project with colleagues at INRS-Université of Quebec concerning declining amphibian populations.

**Sylvia Ruby**

**Biology**

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**Dale Doreen**

**Decision Sciences and Management Information Systems**

Dale Doreen obtained his BSc, MA and PhD in Business Statistics from the University of Alabama and did post-doctorate studies at the University of Pennsylvania's Wharton School.

As a graduate student, he spent five summers as a student trainee in a variety of European organizations, including Swissair in Zurich, the Economic Institute of the Czechoslovak Academy of Sciences in Prague, and the Central Bank of Malta in Valletta. He joined the Department of Quantitative Methods at Concordia in 1971, and has served as Assistant and Associate Professor, as well as Chair of the Department of Quantitative Methods from 1978 to 1980.

At Concordia, Dr. Doreen has taught courses in statistics, operations research and entrepreneurship. During leaves of absence, he has worked as a systems research analyst at the Wharton School's Busch Research Center, an adjunct professor of Management Science at Drexel University in Philadelphia, and a Visiting Professor of Management at the National University of Singapore.

Dr. Doreen has co-authored a chapter for a book titled Mediterranean Europe and the Common Market, and written and co-authored a variety of articles and conference presentations.

He has been awarded a number of research grants and has served as Academic Director of the Executive MBA Program from 1986 to 1992. Dr. Doreen is currently serving as the Director of Concordia's International Aviation MBA Program, which is sponsored by the International Air Transportation Association (IATA).

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**Francisco Thaine**

**Mathematics and Statistics**

Dr. Thaine completed his doctoral studies at the Instituto de Matemática Pura e Aplicada (IMPA) in Rio de Janeiro, Brazil, in 1979. He did his postdoctoral studies at Queen's University, at the University of Maryland at College Park and at the University of Illinois at Urbana-Champaign.

After working as Associate Professor in the University of Brasilia and as a full professor in the University of Campinas in Brazil, he joined Concordia University in 1991 as an Associate Professor in the Department of Mathematics and Statistics.

His research is focused on algebraic number theory, where he made contributions that were published in important mathematical journals.

Dr. Thaine received a Guggenheim fellowship in 1989. He has held NSERC grants since his arrival at Concordia. He was a Visiting Member of the Institute for Advanced Study in Princeton, N.J., a Visiting Scientist at McGill University and a Visiting Professor at Concordia University, at the University of Washington in Seattle and at Boston University.

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**C.W. Truemans**

**Electrical and Computer Engineering**

Chris Truemans joined Loyola College in 1974, just prior to the merger with Sir George Williams University. He taught in the Electrical Engineering Department while completing his PhD degree at McGill in 1979.

Dr. Truemans research applies modern computer methods to solve real-world problems involving electromagnetic fields. He has developed cost-effective methods of suppressing interference from high-voltage power lines on commercial radio stations, and has studied the radar cross-section of ships and aircraft for monitoring traffic on Canada's vast coastlines.

His recent work on the electromagnetic fields of a cellular telephone held against the side of the user's head has been applied to hospital environments to determine where a cell phone can be used without adversely affecting the operation of hospital equipment.

Dr. Truemans is a Senior Member of the Institute for Electrical and Computer Engineering. He holds the appointment of Adjunct Associate Professor at the Royal Military College of Canada in Kingston. He is the representative for Commission E on the Canadian National Committee of the International Union of Radio Science, and is a member of the Ordre des Ingenieurs du Quebec.

Dr. Truemans has been actively involved in the development of the curriculum of the ECE Department for over 20 years. He has published articles in the IEEE Transactions on Education and has been the Associate Chair of the ECE Department and the Co-op Program Director since 1996.

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**Radu Grigore Zmeureanu**

**Building, Civil and Environmental Engineering**

Radu Zmeureanu joined Concordia in 1983 as a research associate in the Centre for Building Studies. He became Assistant Professor in 1987, and Associate Professor in 1990.

His research focuses on the design of energy-efficient and comfortable...
Juni 8 • September

Alumni
Fifth annual Concordia Alumni Night Enjoy a special evening of tennis at the 2000 du Maurier Open, August 16. Dinner at 5:30 p.m., first match at 6:30 p.m. $35 plus tax. Order by July 15 by calling Tennis Canada, 273-1515, ext. 245. $35 plus tax. Order by July 15 by calling

Tennis Canada, 273-1515, ext . 245 .

Alumni
for adults, couples, families, children

Art
Smith. Closing reception: June 24, 2000. The conference, now in its 14th year, will be held June 27-29, in Ottawa.

Office of Rights and Responsibilities
The Office of Rights and Responsibilities is available to all members of the university community for confidential consultations regarding any type of unacceptable behavior, including discrimination and personal/sexual harassment, threats and violent conduct, theft, destruction of property. Call 848-4907, or drop by 2106 Bishop, room 110.

Ombuds Office
The Ombuds Office is available to all members of the university for information, confidential advice and assistance with university-related problems. Call 848-4464, or drop by 2100 Mackay, room 100.

Legal Information
Concordia’s Legal Information Services offers free and confidential legal information and assistance to the Concordia community. By appointment only. Call 848-4980.

Notices
Information session The Graduate Diploma in Administration and the Graduate Diploma in Sport Administration will hold information sessions from 6 to 8 p.m. at the Faculty of Commerce and Administration, 1500 de Maisonneuve West, Room 5-M010, on Thursdays, June 8 and June 20. Information: 848-7266, or diaa@vod.concordia.ca

Internet conference Concordians interested in attending NET 2000, a conference organized by CANARE, Canada’s premier Internet development organization, should visit CANARE’s site at www.canare.ca or the conference registration site at www.NET2000.ca. The conference, now in its 14th year, will be held June 27-29, in Ottawa.

Special Events
Celebration of Many Faiths Concordia University Campus Ministry would like to invite graduating students to a multi-faith celebration. Participants from a variety of religious traditions – Jewish, Christian, Islamic, Hindu, Native, Sikh, Unitarian, Buddhist, and others – will lead us in many forms of prayer, music, ritual and meditation. Families and friends welcome. Sunday, June 11 at 2 p.m., in the Loyola Chapel, 7141 Sherbrooke W. Info: Campus Ministry at 848-2998. And Alice Dreams... The Centre for the Arts in Human Development is mounting an art exhibition and original musical based on Alice in Wonderland performed by participants with intellectual disabilities. Saturday, June 17, 7:30 p.m., and Sunday, June 18, 2 p.m. F.C. Smith Auditorium, $10-25. Tickets: info@848-8615.

Unclassified
For sale Furniture: IKEA bookshelf, desk, filing cabinet, task entertainment centre, floor lamp, cherry bookcase, queen bed, sofa. All mint condition. Contact George at 848-7794, or frankb@concordia.ca.


Apartment to share 7 1/2, with lovely small garden in renovated Victorian house on quiet Waverly St. near Farmount. Room to rent is in well-lit basement; carpeted, warm, furnished, from cable TV, washing machine, A/C, including heat, as of July 1. Non-smoker preferred. Call Heather at 274-4598.

Furnished house for rent NIDIS (Monkland Village), one year beginning July 1. Walking distance to shops, bus and metro. Minutes from Loyola Campus, sunny two-storey brick house: 4 bedrooms, 2 bathrooms, fireplaces, appliances, basement and backyard, $1,200/month unheated. Call 488-3014.

House for rent In Montreal West (near Loyola Campus). Available July 1. One year only, large three-story house: 5 bedrooms, 2 bathrooms, 2 powder rooms, working fireplace, finished basement. Fully furnished and equipped. $1,800/mo (plus utilities). No smokers. Call 488-3790 or e-mail captinlucin,musicgill.ca.

To rent in NDG Bright, spacious, clean basement to rent in family home, adjacent to Westmount, 10 minutes by transit. Fully carpeted, private shower, kitchenette, fridge, access to laundry room, garden, $900, all included. References required. Call 488-4901.

Workshops
Mac Lab courses Info: 848-4629 or http://fsoa.concordia.ca/maclab/maclab.html
- Intro to Web Site Design (25 hours), $225. Using Photoshop to optimize images, GIF Builder to create animations, and Dreamweaver as the Web authoring tool, we will cover the basics of how to create a Web site. June 20-22, 27-29, 5-10 p.m.

Faculty Promotions

He has served as Undergraduate Program Coordinator, and member of several councils and committees.

Faculty of Fine Arts

Andrew Dutkewych Stage Art

Associated with the Faculty of Fine Arts since 1984, Andrew Dutkewych is a professional artist, one of the important Canadian sculptors of his generation.

He received a post-graduate diploma from the Slade School of Fine Arts, University College, in London, England, and obtained his Bachelor of Fine Arts at the Philadelphia College of Art, in Pennsylvania, in 1966. He has exhibited in the most prestigious and recognized galleries nationally and internationally. He has received several commissions that are housed in public buildings in Quebec: under the program L'Integration des arts à l'architecture, Minister of the culture and communications. His works may be seen at the Musee de Fine Arts in Montreal, the Musee d'art contemporain de Montreal, the Musée du Quebec and other institutional and private collections.

He has been the recipient of several research grants from the Canada Council and the Conseil des arts du Quebec since his tenure with the Faculty. He has made significant contributions to the sculpture curriculum, and has been instrumental in shaping the way in which sculpture is taught here at Concordia.

Andrea Welzel-Fairchild
Art Education
Andrea Welzel-Fairchild has been in the Department of Art Education at Concordia University for approximately 20 years, beginning as a part-time lecturer, then becoming a full-time faculty member in 1989.

She has fulfilled the requirements of supervisory research, scholarly achievement, and creative professional work over a sustained period of time. As an active researcher in the area of museum studies, she has received national and international recognition, delivering scholarly papers at conferences in the United Kingdom, in India, Ecuador, the United States and Canada on the topic of museum learning.

The results of her research have been published in journals and as chapters of books on museum education. She belongs to a division of the International Committee on Museums (of UNESCO), to a Special-Interest Group on Education and Museums that is in the Leeds, and to an inter-university research group with Universite du Montreal.

Dr. Fairchild’s research has received impressive funding, both external and internal. She was a member of a research group since 1991 that has received funding from SSHRC and FCAC in excess of $500,000. She has also been a member of a research group investigating the integration of new technologies in a visual arts curriculum that has received a three-year grant of $550,000. Personal grants have been awarded to her from SSHRC, the France-Canada Accord, FRDP and CASA.

She has been Chair of the Department of Art Education and Director of the Diploma in Art Education, and is currently Associate Dean, Academic and Student Affairs.

She received three Bachelor’s degrees, from Sir George Williams University, St. Joseph Teacher College, and Concordia University, and continued at Concordia University and Universite du Quebec a Montreal to obtain her Master’s and PhD.

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buildings, the computer simulation of thermal performance of buildings, and HVAC systems, the evaluation of energy performance of existing buildings, and the impact of building design on thermal comfort.

He has successfully combined academic research with research and consulting contracts for national and international organizations.

Dr. Zmeureanu has published more than 30 journal papers and over 70 conference papers, and co-authored an English-French dictionary related to energy efficiency.

He is a member of the Ordre des Ingenieurs du Quebec, the American Society of Heating, Refrigerating and Airconditioning Engineers (ASHRAE), the International Building Performance Simulation Association (IBPSA), and the Association quebcoise pour la matiere de l’ennege (AQME).

Dr. Zmeureanu has been a member of the board of governors of the Montreal Metropolitan Energy Forum, ASHRAE Montreal and AQME, and editor for 12 years of a bilingual professional journal in Montreal.