UBC Archives

UBC Reports

1915 1990 75 ANNIVERSARY

The University of British Columbia
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Photo by David Gray

One of the more popular venues during the SUPER Sale on July 28 was the Surplus Equipment RecyclingFacility tent. More than $20,000 in goods were sold during the one-day yard sale.

First SUPER Sale draws thousands

Beakers, books and other bargains were snapped up by thousands of visitors who came to UBC's first SUPER Sale, the Special University Program to Encourage Recycling.

"We had more than 5,000 people come out," said Norm Watt, co-chair of the sale. "We were really pleased with the turnout."

Dubbed the World's Longest Yard Sale, the SUPER Sale was held on MacInnes Field on Saturday, July 28.

Yard sale customers grabbed hundreds of deals, including a 1971 GMC bus, a Coke machine, a loom and dozens of word processors.

"We think we sold more than $20,000 worth of goods," Watt added, including equipment and books from individual UBC departments and items supplied by SERF, the university's Surplus Equipment Recycling Facility.

"The SERF tent was just packed and most tables were sold out by 2 p.m.," Watt said.

The SUPER Sale also highlighted UBC's commitment to recycling and information booths were kept busy all day, while Food Services offered recyclable dishes and reusable serving containers.

Watt, a yard sale junkie, said books and records were among the most popular items for sale.

"But, we also sold a statue, a dentist's chair, President's Office chairs and lots of cookbooks," he said.

The proceeds from the Sale go back to the departments which contributed the items. A portion of the receipts will also go to cover the 75th anniversary celebrations.

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EASIER SEARCH: Searching for patent information is now easier thanks to a new database. ***Page 6***

Native ceremony opens MOA display

By JO MOSS

A special ceremony is being held with this year's gathering of First Nations Elders to mark the official opening of a unique Museum of Anthropology exhibition, Aug. 10.

Elders, hereditary chiefs, citizens and special guests — including UBC's chiefs and elders — will be dressed in regalia for the opening of a showcase of photography by David Neel, a member of the Kwagiutl nation, at the Capilano Resource Centre in North Vancouver.

"Our Chiefs and Elders: Photographs by David Neel, Kwagiutl," was produced by the UBC Museum of Anthropology and consists of 55 formal portraits of Native leaders from across B.C. An all Native, collaborative effort between B.C.'s chiefs, elders and the artist, it is the first photographic project of its kind in Canada.

Marjorie Halpin, curator of the exhibit, said the exhibit provides an im-

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UBC could help foreign doctors, meds dean says

By GAVIN WILSON

UBC's dean of Medicine says the university could help to solve problems faced by foreign-trained doctors.

Martin Hollenberg said UBC, working with the Ministry of Health and hospitals, could offer a pre-internship program and an additional, designated internship program similar to one in place in Ontario.

A joint committee is already working on such a program, he said.

Hollenberg made the remarks shortly after six doctors ended a widely publicized hunger strike in a Vancouver church. They had complained that B.C.'s system of internship prohibited them from practicing medicine in the province.

The committee plan, which would see additional internships set aside specifically for foreign-trained doctors, would depend on financing from the provincial Ministry of Health, Hollenberg said.

The pre-internship program would bring the foreign-trained doctors up to Canadian standards.

"Most of the hunger strikers are from countries where medical education is just not up to Canadian standards. I don't think it's discriminatory to give them the training they need," he said.

"We feel sympathy for these doctors. They're Canadian citizens now and we want to do what we can to help them, but not at the expense of our own students."

In Ontario, 24 foreign medical graduates enter a 36- to 48- week pre-internship program which guarantees them an internship program. Candidates are selected on the basis of a special exam.

The places are in addition to those available for Ontario medical school graduates. Unlike B.C., Ontario has the same number of internships as graduates.

Many of UBC's annual output of 120 medical graduates do their internships outside of B.C., he said. Many of the 103 internships available in B.C. each year are filled by doctors from other provinces.

Hollenberg said details of the program will have to be worked out in discussions with the Ministry of Health and participating hospitals.

Hollenberg was associate dean of research in the Faculty of Medicine at the University of Toronto before taking his position here.

"It's a problem that affects all medical schools in Canada," he said.

Bill makes bargaining details public

Full details of labor negotiations at UBC would be available to the public under a new bill recently introduced in the legislature.

If approved, the bill would affect hundreds of bargaining units in the province, including those at universities, hospitals, municipalities, school districts and government offices and corporations.

Finance Minister Mel Couvelier said the Public Sector Collective Bargaining Disclosure Act would "bring sunshine into the process," by allowing greater public scrutiny of labor negotiations.

UBC officials deferred comment until they had a chance to study the new legislation.

Under the bill, public-sector employers and unions would file their negotiating positions and all supporting documents with a cabinet-ap-

See **REGISTRAR** on Page 2

Retiring employees have option to stay

By GAVIN WILSON

UBC is giving employees who reach retirement age the option of staying on, pending a decision by the Supreme Court of Canada expected this autumn.

"This will apply primarily, if not exclusively, to non-faculty staff," said Albert McClean, Associate Vice-President, Academic. There are no faculty retirements scheduled until the end of December, after the landmark court ruling is expected.

The UBC announcement follows a ruling by the B.C. Council of Human Rights on the university's mandatory retirement policy.

In a decision released July 19, the council stated that UBC's policy is discriminatory on the basis of age. It ordered that two former UBC employees be reinstated.

"Discussions are being held between the lawyers of the university and the lawyers of the employees on the manner of implementation of the council decision," McClean said.

The Supreme Court of Canada case, an appeal of an earlier ruling by the B.C. Court of Appeal, involves the same two former employees named in the human rights council decision — Robert Cameron Harrison, 69, former professor of Medicine, and former administrator John Connell, 70.

The Supreme Court hearing is to determine whether forced retirement violates the Charter right against age discrimination.

The case, heard by the Supreme Court in May, 1989, involves UBC, several Ontario universities, Vancouver General Hospital and Douglas College.

Summer science program excites high school students

By JO MOSS

High school student Renee Chan said her three-week experience in a UBC zoology lab made her realize there were careers in science she hadn't considered.

"It helped me look at options most people my age wouldn't look at because they didn't know they were there," Chan said.

Chan was one of 16 students from Killarney high school on campus this summer assisting science researchers in a variety of areas. Now in its second year, the placement program was conceived and developed by Joanne Melville, a former scientist turned teacher.

Melville said the idea grew out of frustration in trying to convey her enthusiasm for science through one-hour high school labs.

"The kids came out thinking science was a static subject—that it was just a body of facts," Melville said.

She wanted to find a way to show her students that working in science could be dynamic and exciting.

Melville called on her contacts at UBC to place the first students with researchers on campus. The initial response from both sides was overwhelming.

"It gets the students pulled into the excitement of discovery," Melville said.

University researchers are often taken aback by the enthusiasm and commitment of the students to their assignments.

Chan is working with Maryanne Hughes, a Zoology research scientist, and Leslie Hart, an Animal Science professor, in a project investigating the effect of environment on Great Blue herons and their offspring.

Photo by Media Services

Killarney high school student Renee Chan is spending part of her summer vacation working with Leslie Hart (left), Animal Science professor and Maryanne Hughes, Zoology.

Chan is examining egg shells to find out what concentration of saline they contain. She then dissolves the eggs in acid to test for levels of sodium, potassium, calcium and chloride.

Under the guidance of Ann Rose, a Medical Genetics professor, Chan's classmate Pindy Janda is in a lab measuring hundreds of microscopic worms.

The worms are missing a gene and Janda is charting how long they live and how big they grow before they die. It's a small part of Rose's research into understanding how genes function.

The worms are a model for the human system and help researchers understand how human genetic material is organized.

Both Janda and Chan are going into grade 12 this year and will be required to write a report about their work experience and make a presentation to the class.

Students who take on the work experience sign up for Melville's class, The Processes of Science. It's an elective course which deals with organizing and evaluating scientific data, scientific and ethical issues, and the impact of science on society.

Next year, Killarney students won't be the only ones enroling in the placement program. They may be joined by other grade 11 students because of a recent federal initiative to encourage more young people to look to careers in science and technology.

The B.C. government is now working toward accrediting the program and making it available to grade 11 students province-wide. Melville is helping to write and develop the provincial curriculum which would allow students in remote areas to find out that science is more than white lab coats and test tubes.

Dentistry raises funds for oral health bursary

By CONNIE FILLETTI

UBC's Faculty of Dentistry is raising new bursary and endowment funds to support educational and research programs in the oral health sciences.

Programs that emphasize the special needs of students, encourage innovative approaches to teaching and research in the oral health sciences, and promote improved public dental health throughout the world will receive financial support.

The bursary and the endowment fund will be named in honor of the late Dr. S. Wah Leung, who became the founding Dean of the Faculty of Dentistry at UBC in 1962, a position he held until his retirement in 1977.

Dr. Paul Robertson, current Dean of Dentistry, praised Dr. Leung for his lifelong commitment to supporting excellence in teaching, research and patient care.

"Dr. Leung's leadership brought international recognition to the faculty for its teaching and research and, at the same time, his service to the profession and the community received worldwide acclaim."

UBC's Faculty of Dentistry maintains the largest dental outpatient clinic in the province and despite its relatively recent history and small size, is listed among the leaders in dental research in North America according to the Medical Research Council of Canada

A fund raising banquet in support of the Dr. S. Wah Leung Bursary and Dr. S. Wah Leung Endowment Fund was held recently in Vancouver.

Registrar to release a summary

Continued from Page 1

pointed registrar. The registrar would make public a summary of the issues.

If strike or lockout notice were given, the registrar would call a "disclosure meeting" open to the media at which each side would have to explain its position.

Couvelier said the bill would give the public access to full information about the issues, including the financial impact of any demands.

Display shown from Aug. 17 to Jan. 27

Continued from Page 1

portant correction to the stereotypes and misconceptions perpetrated by non-Native images of Native peoples.

The ceremonial opening is sponsored by the Neel family and the Squamish Nation, which is also sponsoring the 14th Annual First Nations Gathering, Aug. 7 to 10.

More than 1,000 people including 400 Elders from around the province are expected to attend.

Dr. Kogila Adam-Moodley, Director of the university's Multiculturalism Liaison Office, will represent UBC.

A parade of elders and special guests will precede the opening ceremony. Cultural celebrations and a private showing follow.

Chiefs and Elders will be on display at UBC's Museum of Anthropology beginning Aug. 17 until Jan. 27.

Milroy new UBC Press director

Peter Milroy has been named director of UBC Press, beginning in September.

Milroy has more than 20 years experience in publishing, much of it in senior management positions. He has worked in various capacities for the academic, school and reference divisions of publishers such as Methuen, McClelland and Stewart, Heinemann and Carswell.

Most recently, he worked as a private consultant to the federal government.

Israeli lab named after Vogt

A new laboratory at Israel's Tel Aviv University has been named after Triumf Director Erich Vogt.

The Erich Vogt Laboratory for Data Analysis will be used by members of the university's Intermediate Energy Group, one of the world's leading physics research groups.

Vogt, a professor at UBC since 1965, was honored for the cooperation and assistance he has offered over the years to researchers from Tel Aviv University, providing significant contributions to the advancement of physics at the university.

Members of the Tel Aviv group have conducted collaborative research projects at Triumf's meson facility for the past 12 years and are actively involved in designing the proposed Kaon factory.

The Vogt lab will be used to analyze data gathered during experiments at Triumf. It will be constructed with funds raised in Vancouver.

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UBC Media Services Photography 228-4775

Photo by Media Services

UBC President David Strangway (from left), Microbiology Professor Robert Hancock and NSERC President Art May signed an agreement recently inaugurating the Canadian Bacterial Diseases Network. Justice Minister Kim Campbell (left) and federal offical Catherine Amour look on.

Centres of Excellence

First network launched

By GAVIN WILSON

The first of three national Networks of Centres of Excellence based at UBC was officially launched last month.

The Canadian Bacterial Diseases Network will conduct research in the fields of microbiology and bacterial diseases in humans, animals, fish and plants.

More than 50 researchers from universities, government and industry with related interests in disease-causing bacteria are linked under the consortium agreement. More than $18-million in federal funding will be provided over the next four years

"We have the potential to make a substantial impact on the development of biotechnology in Canada," said Bob Hancock, the UBC Microbiology professor who is the network's scientific director.

"The network will address problems of major importance both in Canada and worldwide," he said. "The diagnosis and treatment of bacteria diseases in human health, agriculture and aquaculture is a multi-billion dollar industry."

Federal Justice Minister Kim Campbell, MP for Vancouver Centre, Art May, President of the Natural Sciences and Engineering Research Council and UBC President David Strangway joined Hancock in announcing the centre's inauguration at a ceremony in the Wesbrook Building, where the group's offices and some of the labs are located.

"We are particularly pleased that it is a linkage, not only to many other parts of this university, but to other universities across the country and with researchers in government and industry," Strangway said.

The other two networks based at UBC under the quarter-billion dollar Networks of Centres of Excellence program are Genetic Basis of Human Disease: Innovations for Health Care, headed by Dr. Michael Hayden, of the departments of Medical Genetics and Medicine, and Protein Engineering: 3-D Structure, Function and Design, headed by Michael Smith, director of the Biotechnology Laboratory and a professor in the department of Biochemistry.

UBC researchers are also involved in nine other national networks. There are 15 networks in total, funded by more than $240-million from the Ministry of State for Science and Technology.

The consortiums' head office is located at UBC and serves as an administrative coordinating unit responsible for relationships with industry, government and other research organizations, said managing director Henry Geraedts.

The bacterial diseases research teams will study the causes of such human diseases as whooping cough, gonorrhea, bacterial meningitis, toxic shock syndrome, lung infection in cystic fibrosis and hospital infections, which alone take up to 20,000 lives annually in North America.

Researchers will investigate major bacterial pathogens affecting the aquaculture industry, the causative agents of plant wilt and crown gall diseases and shipping fever in cattle. Each of these diseases costs Canada millions of dollars annually.

Some of the projects involve strengthening the host's defences, others are aimed at developing models for human infections and filling the pressing demand for vaccines, antibiotics and diagnostic kits.

Hancock said the network will shrink barriers to scientific interchange and enhance the rate of both problem solving and technology transfer to the private sector.

Other participants in the network include the National Research Council, the Laboratory Centre for Disease Control, Health and Welfare Canada, and the universities of Victoria, Alberta, Calgary, Guelph and Laval. The network also includes private sector labs at International Broodstock Technologies, Microteck R and D Ltd. and Connaught Labs, as well as labs at Chembiomed, Synthetic Peptides and the Veterinary Infectious Diseases Organization at the University of Saskatchewan.

Rare plants facing extinction in suburbs

By GAVIN WILSON

Rare plants growing in Canada's warmest climate are being threatened with extinction from suburban development and logging, says UBC Geneticist Anthony Griffiths, acting head of Botany.

"No one knows how many of these plants are left," he said. "This is a priceless heritage and there is a real fear that it is being threatened."

The plants grow in a unique biological zone found nowhere else in Canada — British Columbia's dry coastal Douglas-fir zone. Centred in the Victoria area and on the Gulf Islands, it boasts the country's most temperate weather, with an almost Mediterranean climate.

Marked by arbutus trees and Garry oaks, the region is also home to spectacular displays of wildflowers, at least two of which are found nowhere else in the world.

But expanding farmland, logging operations and suburban housing developments are threatening the habitat of these flowers, said Griffiths.

The two rarest species are Macoun's meadow-foam (Limnanthes macounil), and golden Indian paintbrush (Castilleja levisecta). Both are found only in the Victoria area.

The region is also the central habitat for flowers such as the Sea blush and camas, which grow in few other places, and to unusual genetic variants such as the spotted-leafed Blue-eyed Mary.

It is also the northerly range of many other plants found nowhere else in Canada.

The fine weather and bucolic coastlines that allow plants to thrive are also attractive to real estate development. Rocky bluffs, where wildflowers grow, are often covered with trucked-in fill to allow house construction.

"The natural habitat of these plants is ruined when fill is brought in," said Griffiths.

He laments the fact that most people in this area do not realize they live in a unique Canadian ecological zone or that their botanical heritage is being squandered.

Campus tours popular

By RON BURKE

UBC offers a smorgasbord of free tours this summer.

As part of the 75th anniversary celebrations, the campus tour program has expanded to include specialized tours for families, children, persons with disabilities, seniors and other groups.

Drop-in tours leave the information desk in the main concourse of the Student Union Building weekdays at 10 a.m. and 1 p.m. Tours at 3 p.m. weekdays and weekend tours are also available, but, like specialized tours, must be booked ahead at 228-3777. Tours usually last about 90 minutes.

A popular feature of the walk is the rose garden beside the Faculty Club. Children particularly enjoy the M.Y. Williams Geological Sciences Museum, where they can view precious stones and touch the dinosaur skeleton.

All walks begin at the tours and information desk in SUB.

DAIRY BARN TOURS

Other free tours include the Animal Science Dairy Barn. Tours are available weekdays until Friday, Aug. 31 and are geared to all ages and levels of interest.

Start times for the 45-minute tours are 9:45 a.m., 10:45 a.m., 1 p.m., 2 p.m. and 3 p.m. Morning tours focus on how the dairy cows are housed, fed and maintained, while the 2 p.m. and 3 p.m. tours include milking of the cows. All of the tours allow close-up observation of cows and calves.

The barn is wheelchair accessible and special needs groups are encouraged to take the tour. The barn is located at 3473 Wesbrook Mall. For more information, or to book a tour, call 228-4593.

TRIUMF TOURS

For those with an interest in science and research, TRIUMF offers free tours of its world-class sub-atomic research facility.

Tours take about 75 minutes and include TRIUMF's cyclotron, the world's largest particle accelerator (its protons can travel to the moon and back in less than four seconds).

The tour is not suitable for persons with heart pacemakers and may not be suitable for pregnant women and children under 14. TRIUMF is located at 4004 Wesbrook Mall, which is the south end of the mall. For more information call 222-1047.

TOURS FOR PROSPECTIVE STUDENTS

Do you know someone who is considering attending UBC? The School and College Liaison Office offers free tours on Friday mornings that focus on the interests and concerns of prospective students.

Information on admission requirements and UBC programs is also available. For more information, call 228-4319.

BOTANICAL GARDEN TOURS

The popular Sunday theme tours and tea in the Botanical Garden continue on Aug. 12 and Aug. 26. Tours leave the gatehouse of the New Botanical Garden Centre, 6804 Southwest Marine Dr., at 10:30 a.m. and 1:30 p.m.

August's tours will focus on the Physick Garden and herbs. Admission to the garden is $3, which includes the tour. For an additional cost, visitors are invited to enjoy a tea from Food Services following the tour.

TOUR THE STARS

For a different kind of tour, stop by the UBC Observatory, south entrance, 2219 Main Mall, any Saturday night. You can take a free visual trip through the stars via the observatory's world-class telescope.

Hours are 7 p.m. to midnight, but always call ahead at 228-6186 to confirm that skies are favorable for viewing.

75TH ANNIVERSARY ON TOUR

News from England confirms that UBC's 75th anniversary celebrations stretch far beyond the boundaries of the campus.

As UBC Reports went to press, Leslie Peterson, UBC's Chancellor, and Mrs. Peterson were scheduled to attend an alumni reception in London on Friday, July 27, to celebrate the university's 75th anniversary.

The event was to take place in B.C. House with host Garde Gardom, Agent General for the Province of B.C.

radar

August 5 – September 8

TUESDAY, AUG. 7

Music for Summer Evenings

Purcell String Quartet. Admission free. School of Music Recital Hall at 8pm. Call 228-3113.

THURSDAY, AUG. 9

Music for Summer Evenings

Saxarama. Julia Nolan and David Branter, saxophones with Robert Rogers, piano. Admission free. School of Music Recital Hall at 8pm. Call 228-3113.

TUESDAY, AUG. 14

Music for Summer Evenings

Pacific Militia Area Summer Band. Martin Berinbaum, director. Admission free. School of Music Recital Hall at 8pm. Call 228-3113.

SATURDAY, AUG. 18

Biotechnology Laboratory Global Video Conference

Plant Biotechnology Symposium. Speakers from Washington State U. in Pullman, WA. and the Max-Planck Institute for Genetics Research in Cologne, West Germany. Detwiller Theatre, Psychiatry Bldg. from 7-11am. Call 228-5036.

MONDAY, AUG. 20

Language Education Seminar

Feedback On Written Compositions. Dr. Andrew Cohen, School of Education, Hebrew U. of Jerusalem. #105 Ponderosa Annex E at 12pm. Call Dr. A. Cumming at 228-5234.

TUESDAY, AUG. 21

Health Policy Research Unit Seminar Series

Recent Changes In The Israeli Health Care System. Avi Ellencweig, PhD, Medical Ecology, Hadassah-Hebrew U., Jerusalem. IRC 414 from 12-1:30pm. Call 228-4822.

SUNDAY, SEPT. 2

Asian Studies/Library Public Lecture

The Silk Road: East Meets West. Mr. Duan Wen-jie, Dir., Dunhuang Research Academy, Gansu Province, People's Republic of China. Co-sponsor: Chinese Cultural Centre. Centre's Board Room, 50 East Pender from 2-4pm. Call Linda Joe at 228-5905.

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Please recycle

CALENDAR DEADLINES

For events in the period Sept. 9 to Sept. 22 notices must be submitted by UBC faculty or staff on proper Calendar forms no later than noon on ***Tuesday, Aug. 28*** *to the Community Relations Office, 6328 Memorial Rd., Room 207, Old Administration Building. For more information call 228-3131. The next edition of UBC Reports wil be published Sept. 6. Notices exceeding 35 words may be edited.*

TUESDAY, SEPT. 4

Asian Studies/Library Public Lecture

Wall Painting Of The Dunhuang Buddhist Caves. Mr. Duan Wen-jie, Dir., *Dunhuang Research* Academy, Gansu Province, People's Republic of China. Co-sponsor: Chinese Cultural Centre. Centre's Board Room, 50 East *Pender from 7:30-9:30pm. Call Linda Joe* at 228-5905.

Medical Genetics Seminar

Adenosine Deaminase Retroviral Gene Transfer Into Human Hematopoietic Cells. Dr. Denis Cournoyer, Hematology, Oncology, Montreal General Hospital, McGill U. *Henning Bldg. 202 at 8:30am. Coffee* at 8:15am. Call 228-5311.

THURSDAY, SEPT. 6

Asian Studies/Library Public Lecture

Dunhuang: A Look At Some Achievements Of Traditional Chinese Science. Mr. Duan Wen-jie, Dir. Dunhuang Research Academy, Gansu Province, People's Repubic of China. Co-sponsor: Chinese Cultural *Centre. Seminar Room 604, Asian Centre* from 1-2:30pm. Call Linda Joe at 228-5905.

NOTICES

Picnics On The Point

Combine a variety of complete picnic packages and barbecues with visits to pools, museums, gardens and other campus attractions. Available for groups from 2-500. Call Food Services at 228-6868.

Campus Tours

Walking tours of campus facilities and attractions. Continues until August 31. Monday-Friday from Student Union Building, 10am, 1pm and (by arrangement) 3pm and weekends. Call 228-3777.

Outdoor Theatre for Children

The UBC Summer Players present Androcles and the Lion until August 17. West side of the Student Union Building, Monday, Wednesday and Friday at noon. Call 228-2678.

Summer Stock Theatre

The UBC Summer Players present Cole, Filthy Rich and The Strange Case of Dr. Jekyll and Mr. Hyde until August 11. Repertory schedule, Monday, Thursday, Friday and Saturday, Frederic Wood Theatre and Dorothy Somerset Studio. Reservations recommended. Call 228-2678.

Dairy Barn Tours

Five tours daily including during milking times, through August. Animal Science Dairy Barn, 3473 Wesbrook Mall. Call 228-4593.

Triumf Tours

Tri-University Meson Facility. See the world's largest proton-beam production cyclotron. Not recommended for children under 14; parts of the route may be difficult for the pregnant or handicapped, and persons with pace-makers should not tour this facility. Through August, weekdays at 11am and 2pm. Call 222-1047.

Summer Sounds

Free concerts of light pop/rock, classical, country, traditional and modern jazz continue until August 10. South plaza of the Student Union Bulding, Monday-Friday daily, 12:30-1:30pm. Call 228-3131.

Our Chiefs And Elders

Features protraits of BC Native leaders, chiefs, chief counsellors and elders by Kwaguitl photographer David Neel. Opens August 17 at the Museum of Anthropology. Call 228-5087.

Asian Centre Art Exhibits

August 2-14, Chinese Calligraphy exhibit with works by Mr. C.W. Cheung. August 17-28, Chinese Watercolor exhibit by Mr. H.C. Yoo. Asian Centre Auditorium, 10am-6pm. Call 228-2746.

Exhibitions 1990

Peter Hujar. A retrospective, organized by the Grey Gallery, New York U.and made possible through support from the Exhibition Assistance Programme of The Canada Council. Continues until September 15. Tues.-Sat., 1-5pm, UBC Fine Arts Gallery, Basement, Main Library. Call 228-2759.

Laboratory Chemical Safety Course

Safe Handling, Storage And Disposal Of Chemicals; Laboratory Inspections, Emergency Response and Spill Clean-up. Lectures by Occupational Health/Safety for people who handle chemicals in a lab: technicians, store keepers and safety committee members. Graduate students also welcome. Monday and Tuesday, Aug. 21/22 from 8:30am-12:30pm. Practical: TBA. Call 228-2029/5909.

English Language Institute

Language and Composition Workshop. Guided practice in writing for UBC students who *require further training in gram*mar and writing skills for successful participation in university coursework. Sept. 10-Nov. 30. Call 228-4463.

Family/Nutritional Sciences Research Study

Weight Cycling—The Metabolic Effects Of Repeated Dieting. Participants having a *history of repeated dieting needed.* Females, able to attend UBC clinic once/ month for a short follow-up visit, except for 3 test days which will be about 2 hours long, for one year. Call Dr. Linda McCar*gar at 228-6869 or Jennifer Lee at 228-*2502.

Orientation '90

A School and College Liaison Office program to assist students prepare for the challenges and excitement of undergraduate life. Continues until Aug. 30. Orientation '90 for Parents is offered in conjunction with the student program on Aug. 15 and 25. For specific dates and times, please call 228-3733.

Tours for Prospective Students

Fridays throughout the summer. One and one-half hours. Includes Student Services, Athletics, Recreation and Academic Facilities. One week's advance booking required. School and College Liaison Office, Brock Hall 206. Call 228-4319.

International House Reception Program

Volunteers required through August as drivers, hosts and information aides to meet and welcome International students. Call 228-5021.

Diabetic Clinical Study

Volunteers required. Patients with diabetes who have painful neuropathy affecting the legs needed *for 14-week trial of an in*vestigational new drug. Call Dr. Donald Studney, Dept. of Medicine, University Hospital, UBC Site at 228-7142.

Family/Nutritional Sciences Weight Loss Study

Female volunteers 25-49 years. Required to attend group sessions on campus for 10 weeks, Mondays, from 7-8:30pm, plus one-year follow-up. Call Dr. Linda McCargar at 228-6869.

Sun Damaged Skin Study

Volunteers again needed, aged 35-70 years. Able to attend 6 visits over a 12-month period. Honorarium paid participants. Call Dermatology at 874-8138.

Study For Acne Vulgaris

Volunteers aged 14-35 years needed. Must be able to attend 4 visits over a 12 week period. Honorarium will be paid for participation. Call Dermatology at 874-8138.

Memory In Older Adults Study

Volunteers required for a study on memory and study strategies in adults aged 50-plus. Requires about one and one-half hours; honorarium, $10. Call Karen at 228-2140.

Sleep Disorders Study

Volunteers 18-45 years suffering from Chronic Insomnia needed for a study on sleep-promoting medication (hypnotics). Must be available to sleep overnight at a lab for five nights. Call Carmen Ramirez at 228-7927.

Career Development Study

Research study on communication between parents and adolescents regarding career and educational choices. Young people aged 12-19 and one parent needed to participate in an interview. Call Dr. Richard Young at 228-6380.

Hypertension in Pregnancy Study

Pregnant women, concerned about their blood pressure, are invited to participate. The study compares relaxation training with standard medical treatment (own physician). Call Dr. Wolfgang Linden at 228-4156.

Daily Rhythms Study

Volunteers needed, aged 30-40 and living with a heterosexual partner, to keep a daily journal (average 5 min. daily) for 4 months, noting patterns in physical/social experiences. Call Jessica McFarlane at 228-5121.

Post Polio Study

Persons with polio needed for functional assessment and possible training programs. Elizabeth Dean, PhD, School of Rehabilitation Medicine. Call 228-7392.

Multiple Sclerosis Study

Persons with mild to moderately severe MS needed for study on exercise responses. Elizabeth Dean, PhD, School of Rehab. Medicine. Call 228-7392.

Back Pain Research

Volunteers needed for magnetic resonance imaging of healthy spines—nonpregnant women aged 30-40 and men over 40, no pacemakers, no intracranial clips and no metal fragments in the eye. About one hour required. Call June, MRI Unit, 8am-4pm, Monday-Thursday at 228 - 7720.

Surplus Equipment Reycling Facility

All surplus items. Every Wednesday, 12-3pm. Task Force Bldg., 2352 Health Sciences Mall. Call 228-2813.

CNPS Quarter Century Reunion

Call for registration. All CNPS students, alumni, associates, faculty and staff are invited to meet old friends and make new ones at Counselling Psychology's 25th Year Reunion. Call 228-5259.

Sexual Harassment Office

Two advisors are available to discuss questions and concerns on the subject. They are prepared to help any member of the UBC community who is being sexually harassed to find a satisfactory resolution. Call Margaretha Hoek or Jon Shapiro at 228-6353.

Volunteering

To find an interesting and challenging volunteer job, get in touch with Volunteer Connections, Student Counselling and Resources Centre, Brock 200. Call 228-3811.

Narcotics Anonymous Meetings

Every Tuesday (including holidays) from 12:30-2pm, University Hospital, UBC Site, Room 311 (through Lab Medicine from Main Entrance). Call 873-1018 (24-hour Help Line).

Neville Scarfe Children's Garden

Located west of the Education Building. Free admission. Open all year. Families interested in planting, weeding or watering the garden, call Gary Pen*nington at 228-6386 or Jo-Anne Naslund* at 434-1081.

Botanical Garden Theme Tours

Sundays, August 12 and 26 plus 2 tours in September, 10:30am amd 1:30pm. August theme is physick garden and herbs. Tea available. Garden also open every day from 10am-8pm through August; 10am-6pm through September. Free admission Wednesdays. Call 228-3928.

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Across the Nation

Women to benefit from Canada Scholarships

The Canada Scholarship Program will award 2,500 new scholarships in 1990-1991 to first-year students in the natural sciences and engineering.

Half of the awards will go to women, with at least 10 reserved for each province and territory. The scholarships, worth $2,000 a year, are renewable for another three years, for a total of $8,000.

In 1990-91 the federal government will spend a total of $15-million on new and renewed scholarships. Applications for next year must be submitted by June 22 for students registering in the fall session and Oct. 31 for the January session. The program is administered by the Association of Universities and Colleges of Canada on behalf of the government of Canada.

5.4 per cent raise for Nova Scotia

University funding in Nova Scotia will go up by 5.4 percent in 1990-1991. Nova Scotia will spend close to $211.5-million for post-secondary education next year, an increase of almost $11-million over last year. University operating grants will go up by four per cent, or $8-million, while $1.5-million go to equalization payments and $1.8-million to targetted funding.

Ontario urged to renew commitment

The Council of Ontario Universities has urged the provincial government to renew its "commitment to excellence" in university education and research. So said COU's brief to the Ontario government.

The Council says Ontario universities need more money for faculty renewal, library acquisitions and physical plant maintenance. The government should also provide ongoing funding to compensate universities for the costs of the recently introduced employer health tax. COU is also calling on the govenment to conduct a "through review" of its tuition fee policy.

Hong Kong study set for U of T, York

The University of Toronto and York University's Joint Centre for Asia Pacific Studies have launched a study of the consequences for Canada of Hong Kong's return to Chinese rule in 1997. The four-year project is funded by a $380,000 research grant from the Donner Canadian Foundation. Diana Lary, a professor modern Chinese history at York, will head the project.

Faculty coach students in international contests

By GAVIN WILSON

UBC faculty members coached some of Canada's best high school students as they competed in international academic competitions in July.

Three separate teams took part in Mathematics, Physics and Chemistry Olympiads. Each competition brings together top students from around the world for a week of exams, labs and social events.

Canada's math team put in their second-best showing ever, collecting three silver medals in the Olympiad held July 10-18 in Beijing. The team placed 11th overall.

In 1988, the team placed tenth, its highest ranking ever.

The six students, five from Ontario schools, the other from Winnipeg, attended a training camp at UBC before competing in Beijing. Rajiv Gupta, Mathematics, was one of the coaches working with the students at the training camp.

B.C. student Margaret Shih, of Steveston Senior Secondary in Richmond, was one of two Canadian students to receive an honorable mention at the Chemistry Olympiad, held in Paris, July 8-17.

Two of her team mates won bronze medals in the competition that brought together top students from 28 countries. The team was coached by Gordon Bates, Chemistry.

The five-member Canadian physics team had two B.C. students — Matthew Rektor, a Grade 12 student at Mt. Boucherie Senior Secondary in Kelowna, and Michael Montour, a Grade 11 student at St. Michaels University School in Victoria. They competed in the Physics Olympiad held in Groeningen, Netherlands, July 5-13. Michael Crooks, Physics, was one of the coaches.

School and College Liaison poster wins CASE award

A poster produced by the School and College Liaison Office has won an award from the Council for Advancement and Support of Education (CASE).

The poster received the Bronze Award for Individual Recruitment Publications for CASE Northwest District VIII, which includes B.C., Alberta, Saskatchewan and four states in the U.S. Pacific Northwest.

Produced for distribution to Canadian secondary schools and colleges, the poster portrays the student experience and tradition of academic excellence at UBC. It was designed by Daniel Dochstader Enterprises Ltd.

The award was given as part of an annual competition which recognizes outstanding achievements in the field of communications by member institutions.

Dentists can help early detection of child abuse

BY CONNIE FILLETTI

UBC forensic dentist Dr. David Sweet has been assisting police investigators with the analysis of evidence from violent crime scenes for the past five years.

But a recent case involving a young victim shocked him into the realization that more vigilance is needed in the early detection of child abuse which dentists may see in their practice.

"Dentists may be the first ones aware of certain head, neck, mouth and face injuries inflicted on a child," Dr. Sweet explained. "I am aware that we tread a fine line. It's not our job to prove guilt or innocence, but it is our job to raise the alarm."

Dr. Sweet has set a course of action that includes giving seminars on child abuse for his colleagues and other health care professionals at conferences and conventions.

He also plans to recommend to The College of Dental Surgeons of B.C. that dentists be required to obtain training in recognizing signs of child abuse.

Dr. Sweet has developed a course in the undergraduate curriculum at UBC's Faculty of Dentistry which provides instruction on investigating suspected child abuse and other aspects of forensic dentistry.

In addition, Dr. Sweet will be speaking as part of a panel on child abuse at the college's annual meeting being held later this month.

"Child abuse is on the rise in B.C.," said Dr. Sweet. "As health care professionals, we are not only morally obligated but bound by law to report suspected cases.

But we have to be able to recognize the signs of abuse and distinguish them from accidentally inflicted injuries such as the type that occur from a fall."

If the history reported by the adult or child on how an injury occured is not consistent with the type of injury the dentist sees, then that may be an indication of abuse, Dr. Sweet said.

He recommends that dentists also get as much information as possible on any suspicious injuries, note them in the patient's chart and watch for patterns to emerge.

They should also report their concerns to the patient's family physician.

More than 33,000 cases of child abuse were investigated by the Ministry of Social Services and Housing in B.C. between 1988 and 1989.

Dr. David Sweet

The victims averaged eight years of age and the majority of them was female. Only 28 per cent were abused by strangers.

"Case histories show us that child abuse transcends all social, education and economic boundaries," said Dr. Sweet. "It occurs on a regular basis in all segments of the population. If we are to err it should be on the side of protecting the child."

Catalog of celestial radio sources released by professor

By GAVIN WILSON

UBC Physics Professor Philip Gregory has released the world's largest catalog of celestial radio sources, a document which will be an important aid to astronomers.

Using a giant 300-foot radio telescope in Green Bank, W. Va., Gregory and U.S. colleagues repeatedly examined radio signals from a region of space containing billions of stars and galaxies.

It took three years to conduct the survey, develop computer software, map and catalog the 54,579 identified sources. Individual stars are not strong enough sources of radio emissions to be counted in the survey.

Seventy per cent of the objects Gregory cataloged are quasars, distant objects believed to be galaxies with extremely bright central cores.

Because quasars are difficult to distinguish from stars using even the best optical telescopes, the radio source catalog will be an essential guide for astronomers wishing to isolate them for study.

Many scientists feel quasars could provide important clues about the evolution of our galaxy. The light reaching us from a typical quasar has been travelling toward Earth for half the age of the universe.

"So if these objects are really galaxies, like the one our sun resides in, then studying quasars ought to tell us something about what our galaxy was like 10-billion years ago," said Gregory.

Astronomers believe the most likely energy source powering a quasar's emission is a giant black hole, approximately 100-million times more massive than the sun. Energy is released when gas and stars spiral in towards the black hole.

Gregory's chief interest is transient radio sources — sudden outbursts of radio emission thought to originate from exploding stars and black holes located in both quasars and certain binary stars. The survey has made a number of important discoveries of these rare objects.

The radio source survey was to continue for five years, but after the third year the telescope suddenly collapsed after 26 years of operation. It is being replaced with a larger instrument which will become available in 1995.

Gregory presented his catalog at the annual meeting of the Canadian Astronomical Society in Calgary.

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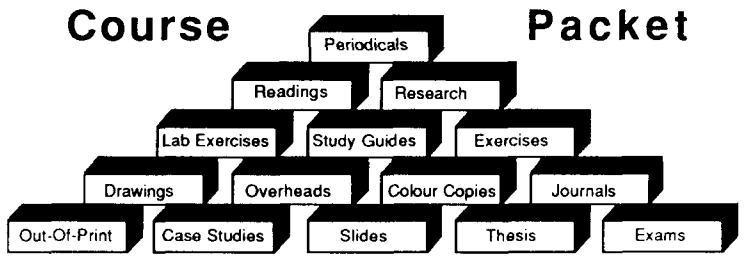

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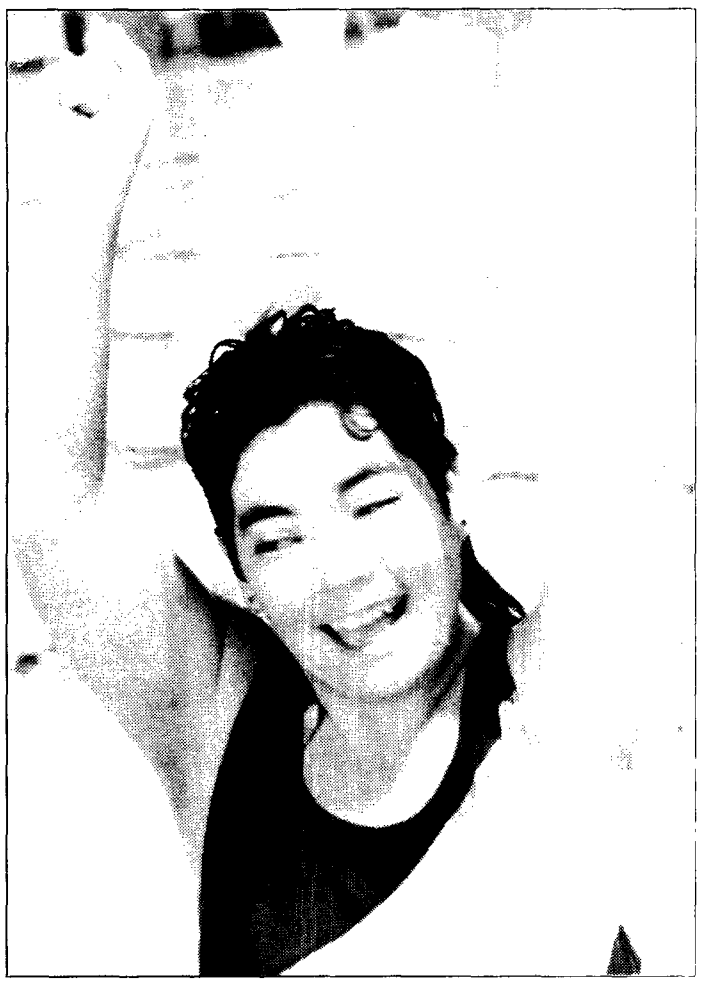

Photo by Media Services

A competitor at the Canadian Special Olympics Summer Games displays her joy at competing. UBC's Point Grey campus was the site of the event which strives to promote year-round sports, fitness and physical recreation for the mentally handicapped. More than 800 athletes from across Canada took part.

Grace named new Dean of Graduate Studies

By PAULA MARTIN

Professor John Grace of UBC's Chemical Engineering Department has been named the university's new Dean of Graduate Studies.

Grace took up his six-year appointment, which was approved in June by the university's Board of Governors, on July 1.

"Prof. Grace brings a strong record of academic excellence to this position, which will serve faculty and graduate students well," said UBC President David Strangway.

Grace, 47, received his BESc from the University of Western Ontario and his PhD from England's Cambridge University. He taught at Montreal's McGill University before joining UBC as a full professor and head of the Chemical Engineering Department in 1979, a position he held until 1987, when he returned to his teaching and research activities.

Grace

"Prof. Grace is an engineer and scientist with a profound appreciation for the social sciences and humanities," said Daniel Birch, Vice-President, Academic.

"He has engaged in research and program development on environmental issues and hygiene. I am delighted with the breadth and thoughtfulness he brings to the task."

Grace's areas of teaching include fluid mechanics and chemical reaction engineering, while his research activities include studying advanced reactors for catalytic and combustion processes.

Both Strangway and Birch expressed their thanks to Peter Suedfeld, whose six-year term as Dean ended June 30.

Suedfeld will return to teaching and research in the Psychology Department after a leave of absence.

Database at library

Patent search easier, cheaper

By JO MOSS

Searching for patent information just became cheaper and easier.

The UBC Library has compiled a database of the last 13 years of Canadian patent records and is now making it available on a CD-ROM disc, to researchers both on and off campus.

Called the Canadian Patent Index, the database is available on a trial basis on optical disc to any Canadian university, college or institution that carries out research.

Ron Simmer, director of UBC's PATSCAN office, hopes the new user-friendly database will encourage more people to undertake preliminary patent searches, an otherwise daunting process that can prove both expensive and time consuming.

"We want to popularize patent information in the Canadian research and development community, but our main objective is to stimulate the commercialization of spinoff research from universities," Simmer said. "One hundred copies of the disc will be distributed to research institutions, corporations, and libraries in Western Canada for evaluation."

The Canadian Patent Index is also available to UBC researchers through the online system UBCLIB from a library terminal or personal computer with modem. The database on UBCLIB is updated monthly with information supplied by the Canadian Patent Office and allows users to search records of pending or issued Canadian patents.

The database doesn't offer comprehensive abstracts, but it does provide patent titles and other information. It is most useful for finding names of inventors or patentees, Simmer said. Searches can also be done by title keywords, patent classification, or by a combination of methods to locate patents on a given subject.

Copies of the demonstration disc, and a printed guide to searching, are available free from the PATSCAN office.

To people who use personal computers, CD-ROM is the most efficient way to package and distribute large amounts of information and the latest wrinkle in information technology. UBC library owns the only optical disc pre-mastering system in Western Canada.

Eight other bibliographic files representing projects by UBC and other libraries are also available on the demo disc.

CBC-TV series features science research at UBC

A new science series on CBC-TV showcasing UBC research premiered in the Spring.

Breakthrough, seen every Thursday at 3 p.m., is a family-oriented program that explores science as it touches the everyday lives of viewers. Its production was largely funded by UBC faculties and other institutions.

"We tried to make it a very human show, emphasizing people rather than equipment," said producer/host Lorraine Graves.

Most segments of each episode feature UBC research. Topics include Lithoprobe, post-polio syndrome, safe food handling, bovine growth hormone, bone transplants, TRIUMF, kelp, giardia and plant genetics. The program does not limit itself to the hard sciences.

One segment deals with cross-cultural psychiatry and alcoholic children of alcoholics.

Breakthrough received funding from the office of Vice-President Research Robert Miller and the faculties of Applied Science, Medicine and Science. Other sponsors include Simon Fraser University, The B.C. Institute of Technology, the provincial government and Science Culture Canada.

The series was provided free of charge to the CBC.

Computer Science gets $125,000 from Victoria for research centre

The Computer Science Department has received seed funding of $125,000 from the Ministry of Advanced Education, Training and Technology to establish a new centre for research and development of computer-based media and graphics technology.

The Media and Graphics Interdisciplinary Centre (MAGIC) will investigate applications in a variety of disciplines such as Science, Medicine, Arts, Education, Engineering and Forestry.

The first major project of MAGIC is the joint UBC-IBM Graphic, Film and Computers Project (GRAFIC), which was announced last November. GRAFIC is a five-year cooperative research project designed to put UBC at the forefront of the fast growing field of computer graphics.

MAGIC will foster the transfer of this technology throughout the university and the community through a combination of courses, workshops, conferences and joint research projects.

POSTDOCTORAL FELLOWSHIP
Department of Pathology
University of British Columbia

Position available immediately for MRC funded project in the Department of Pathology at the University of British Columbia to study a novel complement receptor of human platelets. A successful applicant will hold the Ph. D. or M.D. degree with experience in protein chemistry or immunology. Familiarity with the complement system, human platelets or antibody production is desirable. The project involves the biochemical and functional characterization of a platelet membrane protein recently identified in our laboratory as a receptor for C3dg (Complement and Inflammation 6:355, 1989). Annual salary will be at MRC rates.

This advertisement is directed to Canadian citizens and permanent residents.

Employment Equity, University of British Columbia, is committed to the Federal Government's Employment Programme and encourages applications from all qualified individuals.

Deadline for submission of applications will be August 31st, 1990 with a starting date of October 1st, 1990.

Replies to: Dr. Dana Devine, Ph. D.
Department of Pathology
University of British Columbia
2211 Wesbrook Mall
Vancouver, B.C. V6T 1W5 CANADA

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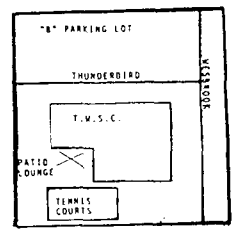

People

Maillard wins fiction prize

Maillard

Creative Writing Professor **Keith Maillard** is the 1990 winner of the Ethel Wilson Fiction Prize for his novel Motet in the sixth annual B.C. Book Awards.

Maillard teaches long and short fiction, and radio play and features. He is also an advisory editor for PRISM international.

Maillard is now working on a historical novel that opens at the turn of the century and continues to the stock market crash of 1929 called The Light in the Company of Women.

Axel Meisen, Dean of the Faculty of Applied Science, has been appointed co-chairman of a task force which is examining engineering education across the country.

A joint undertaking between the Canadian Council of Professional Engineers and the National Committee of Deans of Engineering and Applied Science, the eight-member task force on the Future of Engineering Education in Canada was established two years ago to examine the factors influencing engineering education and make appropriate recommendations for change. It is scheduled to deliver its initial findings this Fall.

Hochachka

Peter Hochachka, Zoology, has been awarded the 1990 Flavelle Medal by the Royal Society of Canada.

The Flavelle Medal, established by Sir Joseph Flavelle in 1924, is awarded every two years for outstanding contributions to the biological sciences.

Hochachka is internationally recognized for discovering biochemical mechanisms used by animals to survive extreme environmental conditions. This discovery opened new avenues of research and led to the establishment of the field of adaptational biochemistry.

Hochachka, Chemistry Professor Michael Fryzuk, winner of the Rutherford Medal in Chemistry, and seven other scientists and scholars from across Canada will be honored by the Royal Society at its annual meeting in Victoria on June 5.

Debbie Harvie has been appointed director of the UBC Bookstore effective July 23.

Harvie brings 11 years of experience in retail management to the position. For the past five years, she was manager of the Simon Fraser University Bookstore, where she made significant changes to improve customer service and employee relations. Her previous experience includes a management position with Classic Bookshops International.

Ledsome

Dr. John Ledsome, head of UBC's Department of Physiology, is this year's recipient of the Wilbert J. Keon Award for achievement in cardiovascular medicine.

The annual award recognizes outstanding contributions in the cardiovascular medical field for work performed in Canada.

It is endowed by the alumni of the University of Ottawa Heart Institute in honor of the institute's founding director general, Dr. Wilbert Keon.

Dr. Ledsome's research is concerned with the control of the cardiovascular system and in particular with the mechanisms which regulate blood volume.

UBC Clinical Engineering Professor **Charles Laszlo** has been honored by the Canadian Association of the Deaf and the Canadian Hearing Society.

Laszlo received two awards - the Celebration 1990 Award for a lifetime of service on behalf of the deaf and hard-of-hearing community in Canada; and an Award of Merit from the Canadian Hard of hearing Association for outstanding service to the hard-of-hearing community.

Marchak

Patricia Marchak, UBC's new dean of arts, is one of 14 winners of the Canadian Sociology and Anthropology Association's Outstanding Contribution Award.

The award, developed to mark the 25th anniversary of the association, honors those who have significantly contributed to the development of sociology and anthropology in Canada.

Classified

Classified advertising can be purchased from Media Services. Phone 228-4775. Ads placed by faculty and staff cost $6 per insertion for 35 words. Others are charged $7. Monday, August 27 at 4 p.m. is the deadline for the next issue of UBC Reports which appears on Thursday, Sept. 6. Deadline for the following edition on Sept. 20 is 4 p.m. Monday, Sept. 10. All ads must be paid in advance in cash, by cheque or internal requisition.

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Accommodation

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Miscellaneous

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EMPLOYMENT WANTED: What can I do for You? Former UBC Program Assistant available for part-time, on-call relief office duties. 228-8254.

TRAINING PROGRAM: Anxious about speaking to audiences, giving class presentations, sharing your opinions in groups? Avoiding such opportunities? If your answer is "Yes" to these questions, you have the chance right now to enrol in a FREE 4-week training program in anxiety management techniques being offered through the Department of Psychology, UBC. For further information, contact Aaron Hait at 228-3800.

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Stress plays important role in high blood pressure

By PAULA MARTIN

Stress plays an important role in high blood pressure, but we don't yet know who is prone to developing this condition, says a UBC psychologist who is studying the connection between stress and cardiovascular disease.

"We're trying to study how people's blood pressure reacts to acute stress and whether that information tells us something about whether they will develop high blood pressure in the long run or not," said Psychology Professor Wolfgang Linden.

Linden is looking for 400 volunteers from the university community and Greater Vancouver area between the ages of 19 and 60 who want to participate in an extensive study that will take place at UBC during the next three years.

The only known factor which predicts whether someone will develop hypertension is family history, he said, adding he would also like to look at all suspected risk factors such as acute responses to stress, coping behavior and personality features.

"Elevated blood pressure, or hypertension, is the major contributing factor to heart disease and stroke. It's more important than exercise, body weight or cholesterol," Linden said.

"Twenty per cent of the adult population has elevated blood pressure that deserves attention. It's actually the most frequent of problems seen in family physician's offices."

Volunteers will learn about their stress levels when they wear a blood pressure monitor for eight hours during a working day and come into the Psychology Department labs for an additional 90-minute session. Three years down the road, participants will be asked to return for blood pressure testing.

When the study is completed, Linden hopes to be able to say which subgroup of people is at high risk for developing hypertension.

Interested participants can contact Dr. Linden at 228-3800.

UBC Reports ad deadlines

UBC Reports is now distributed by the Vancouver Courier on the west side on alternate Sundays

Edition	Deadline 4 p.m.
Sept. 6	Aug. 27
Sept. 20	Sept. 10
Oct. 4	Sept. 24
Oct. 18	Oct. 8
Nov. 1	Oct. 22

For more information, or to place an ad, phone 228-4775

Marching For China

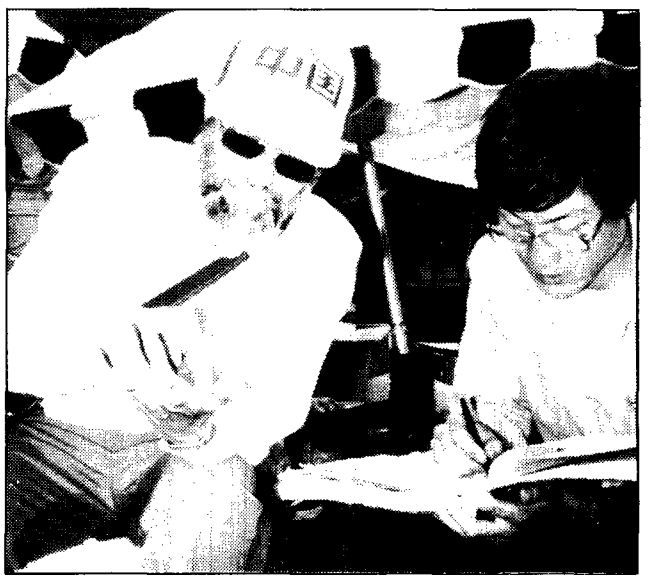
Duke recounts China experience

When UBC Asian Studies Professor Michael Duke went to Beijing in the spring of 1989, it was to conduct research into contemporary Chinese literature.

Instead, Duke was swept up in one of the most dramatic events in modern Chinese history. The spirit of the democracy movement was sweeping the country. For three weeks, Duke talked to students, intellectuals and people in the street and took part in the demonstrations that ended tragically in the Tiananmen massacre of June 4.

Promising the Chinese he would tell the world about what had happened, Duke wrote The Iron House: A Memoir of the Chinese Democracy Movement and the Tiananmen Massacre, recently published by Gibbs Smith.

In this excerpt from The Iron House, Duke describes his feelings as he joins a protest march headed towards Tiananmen Square.



UBC Asian Studies Professor Michael Duke with a Chinese student in Beijing.

Tuesday, May 23, was a great day for China and I had a small part in it. At 9:30 a.m., I went to the Student Broadcast Station, arriving just in time to hear an interesting critical essay. It claimed that Mao did not build Marxist socialism in China but only continued the feudal traditions of the Chinese empire, with himself as an uncrowned emperor. Today's Communist Party and its leaders, said the writer, were no more than a new imperial bureaucracy every bit as corrupt as that of the late Qing Dynasty, which began in 1644 and was overthrown by the Revolution of 1911.

When the essay ended to scattered applause from the usual breakfasting audience, I went over to the student headquarters and found the leader I'd met earlier. I told him I intended to write a report about the Beida students' ideas and activities, and asked him to save all their written material for me. He said he would and introduced me to the people inside Building 29.

Brigade leaders were presenting their student identity cards to students seated in the doorway of a dormitory room, outlining their brigade's missions, and receiving the necessary propaganda materials. After an introduction, students in the headquarters gladly supplied me with copies of all the leaflets that had been printed so far. At that time, I suddenly realized I had not yet given any tangible support, and said I wanted to give them some money.

They looked at each other in embarrassment. Then I understood I had not used the right word. I corrected myself, saying I wanted to donate some money.

"Oh, you want to donate money," one replied. "We'll find the responsible person. Hey! The professor wants to donate some money! Where's the treasurer?"

I was led into an adjacent room, where a young man seated at a table accepted my donation and issued a receipt. Printed on the top were the words, "Peking University Students Autonomous Association Planning Committee," and below that, in larger characters, "Souvenir of Donation." On the reverse, the treasurer wrote, "Thank you for your support. Received donation of ____*yuan*." Then he stamped it with the official red seal of the Beida Students Autonomous Association.

The living quarters were a mess, with papers and debris scattered all over. But their minds were clear and their dignity was intact; they weren't accepting charity but were happy to get contributions for the cause. And they gave lovely receipts.

I told them that the outside world was well-informed about events in China, that the government's news blackout had failed so far. "Great," they said.

Shortly afterward, an "emergency announcement" came over the loudspeakers that a citywide demonstration would begin at 1:30 that afternoon. People were to form up at Jianguomen, "Establish the Nations Gate" in the east, and Fuxing Gate in the west, then converge on Tiananmen Square.

I left on my bike at eleven o'clock, but my derriere was so sore from two days of biking that I got only as far as the Xi Yuan Hotel. There I persuaded a pleasant taxi driver to put my bike in the trunk of his cab and drive me to the Jianguo Hotel, which is about five miles east of Tiananmen. The driver was around 40, articulate, and dressed in shorts. He was out of uniform—they're supposed to wear suits even in the summer heat. All the way down Sanlihe Road and east past the great square, he praised the students and cursed the government. He had an especially low opinion of Premier Li Peng. Commenting on Li's martial law address, he said, "Li Peng's speech didn't even sound like a premier. So incompetent, so inept, so bumbling and incapable. How can he be a premier?"

Responding to my question, he said the bosses of his taxi company had not expressed any opinions about the student demonstrations and martial law, but that they never bothered him and other drivers for driving students all around the city for free.

Na jiushi moren, "They're just silently admitting the student are right," he said. He let me off across from the Jianguo Hotel because, he said, he wasn't properly dressed to unload customers at a tourist hotel.

After a hamburger and a milkshake, I pedaled over to the Jianguo Gate assembly point and met up with several thousand members of the Chinese Academy of Social Sciences (CASS), whose building is just to the west of Jianguo Gate. I introduced myself, told them I was an American scholar of Chinese literature staying at Beida, and members enthusiastically asked me to walk with them in their demonstration. "You belong with CASS, right?" one said, making me feel like I was joining up with a group of old friends.

> *One man carried a sign reading, "We do not want to live under bayonets."*

One man carried a sign reading, "We do not want to live under bayonets." Other slogans were, "Bury the cult of the individual and put an end to government by old men," and "Let all citizens rise up together and crush the military *coup d'etat.*"

As we passed the CASS building, I noticed a statement written on a row of panels struck along the front gate, each character on its own two-foot-square panel. "All citizens have the right to discuss (or criticize) the government. Supporting the students is not making a disturbance."

So the march began, and I walked with the CASS contingent in a demonstration of one million people, according to figures in the next day's *China Daily.* And what a walk it was! For me, it lasted from 1:45 till just after 4 p.m. We hiked from Jianguo Gate west and passed Tiananmen, then turned around at Nan Chizi and walked back toward the square. People came out of the homes and shops to wave and applaud. They cheered each time the marchers chanted a slogan.

Along the route we had some serious discussions and we laughed a good deal. One of my fellow demonstrators told me seven retired generals had made a public statement against the policy of martial law and military control.

Part of the way I read the *Asian Wall Street Journal,* which had an editorial about China becoming part of the global village because of the intense media coverage of the Democracy Movement, as well as its recent acquisition of computers and fax machines. The editorial foresaw only two possible future paths for the country: it could continue to accept western technology and ideas, and the inevitable democratization that would come with them, or it could slam the doors like Iran or Rumania, where the rulers would rather let their people starve than change the traditional way of life or risk losing power.

One of my fellow marchers borrowed the paper for a few minutes, then asked me to give it to him. I promised to make a photocopy and mail it to his office. The paper cost three *yuan* compared to a few pennies for a Chinese newspaper, so my friend couldn't afford to read it regularly.

The group chanted many different slogans all along the march. It may seem ridiculous since this was an illegal demonstration anyway, but I didn't shout their slogans. I felt it was not for me, a foreigner, to say what they were saying even though I agreed completely. They shouted, "Oppose dictatorship, Li Peng resign!" and "Oppose military rule, give us back (Zhao) Ziyang!" A double entendre, "Clean up the garbage, labor donated!" was greeted with peals of laughter. By "garbage" they might mean the trash littering the square—or they just might be referring to the leadership of the Communist Party, in which case "labor donated" took on special meaning.

"If Li Peng doesn't resign, we'll come back every day," they shouted. "Long live democracy, the people will win!"

Half way through, I ran into an old friend who was walking the other way on the sidewalk looking for somebody. He saw me first and roared out, *"Hei! Du Maike!"*—my name in Chinese. We grinned like a couple of kids raiding the cookie jar and gave each other a big bear hug. It was a wonderful way to meet after almost two years, but we had no time to talk. Instead, we made a date to have dinner later.

I also ran into a former student of mine who said he was looking for a literary contingent where some of his friends were marching. Ever since the demonstrations began he had been sleeping during the day and staying up all night roaming the square with a Dare to Die Brigade, "looking for trouble"—protecting the square against surprise attack by the army or riot police.

As we passed directly in front of Tiananmen, a murmur went up from the crowd. I looked over just in time to see the gigantic picture of Chairman Mao splashed with ink. Some of the younger people around me thought it was a good idea, but most of the CASS contingent looked worried. They didn't want to give the government any further reasons to crack down on the movement.

The sky was clouding over as we reached Nan Chizi and shortly after we turned around the wind began to blow. Light rain fell for about 10 minutes as we walked east along the Avenue of Eternal Peace toward the square. When we turned the corner in front of the Great Hall of the People and headed south in the direction of Qian Men, the "Front Gate," one of Beijing's famous thunder storms hit us with the full force of its driving rain. As the rain poured down and we walked bravely on, the young and the old intellectuals of the Chinese Academy of Social Sciences, so often persecuted by the Chinese Communist Party that many of them still belong to, began to sing "The International."

I shall never forget the surge of fellowship that swept over us that day as we linked arms and walked proudly around Tiananmen Square in a torrential downpour, singing "The International" in Chinese. "The International", that sad song of lost hopes, betrayed trusts, and broken promises, . . . Zhe *shi zui hou di douzheng*, "this is the final struggle." If it were only true.