THE UNIVERSITY OF BRITISH COLUMBIA

UBC REPORTS

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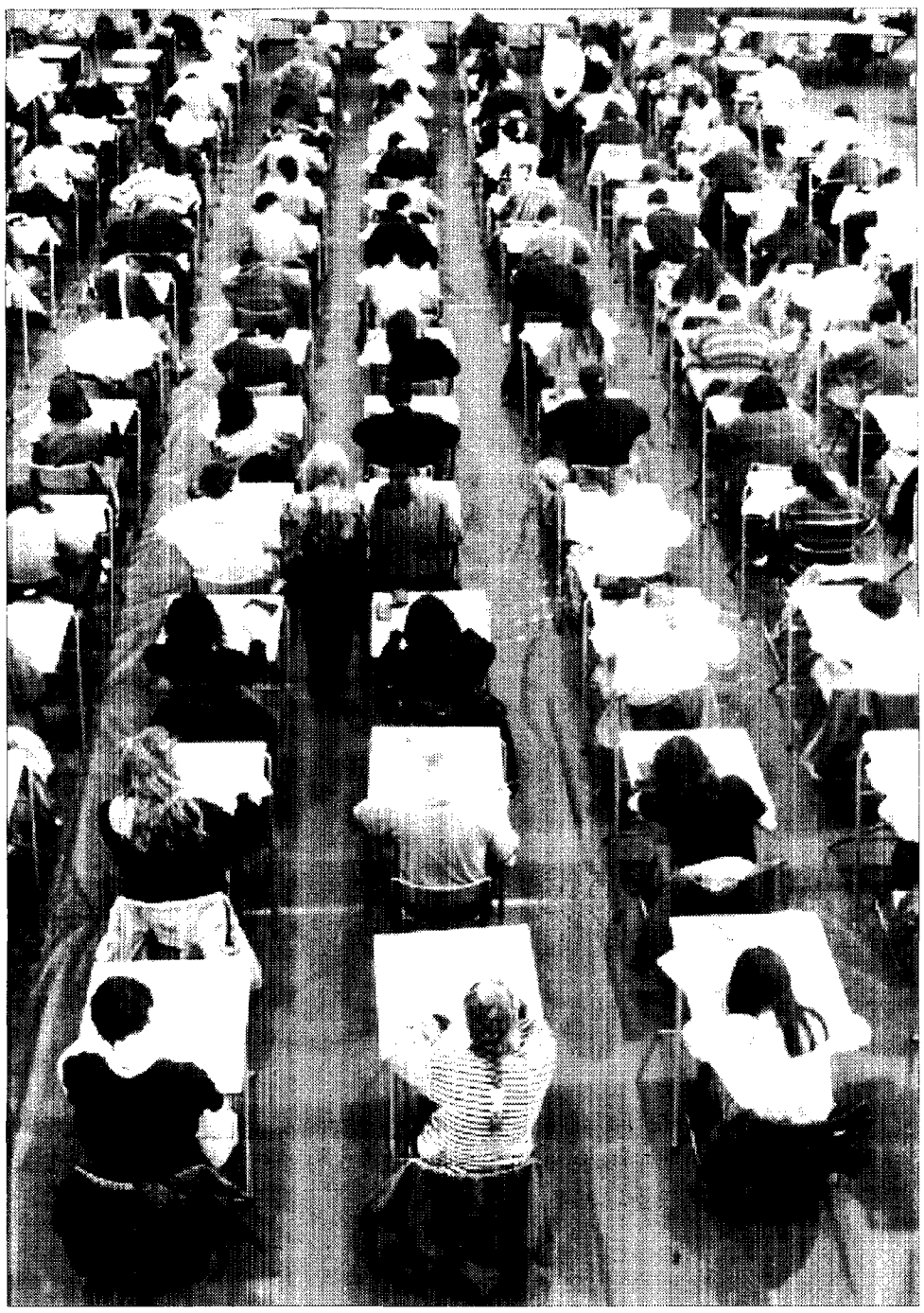

Gavin Wilson photo

Judgment Day

Students put pen to paper during a Biology 201 exam in Osborne Centre. The Registrar's Office scheduled exams for about 1,150 courses this month, while some faculties, such as Law and Medicine, scheduled their own.

Faculty awarded top UBC research prizes

by Gavin Wilson

Staff writer

UBC's top faculty awards for 1993 have been awarded to a condensed matter physicist, an economist who analyses oil and gas lease auctions and a biochemist who has made discoveries about the metabolism of animals and people who live in oxygen-deprived conditions.

The winners are: Kenneth Hendricks, Dept. of Economics, Alumni Prize in the Social Sciences; Peter Hochachka, Dept. of Zoology, Jacob Biely Research Prize; and Robert Kiefl, Dept. of Physics, Charles A. McDowell Award for Excellence in Research.

Hendricks won the $1,000 Alumni Prize for his recent work applying modern game theory to issues of industrial organization. More specifically, he has developed and tested game theoretic models of bidding and drilling behaviour of oil and gas firms on exploration leases. His work has made a substantial impact on the profession.

Most recently, Hendricks has been analysing the economics of the hub and spoke configuration of airlines.

Hochachka, winner of the $1,500 Biely Prize, is recognized internationally as one of the pioneers in the study of comparative physiology and biochemistry.

His research explores the biochemical mechanisms that enable animals to live in environments where oxygen is in short supply. It has helped explain how people and animals maximize the usable energy obtained from the limited amount of oxygen available at high altitudes.

Hochachka's work with high-altitude dwellers such as the Quechuas of the Andes and the Sherpas of the Himalayas offers insights into the limits and mechanisms of human adaptability.

The Biely prize is named for Jacob Biely, an internationally known poultry scientist who was associated with UBC for 50 years.

McDowell-winner Kiefl has established an international reputation in a relatively short career with research that has made a significant impact in condensed matter physics using muons, a type of sub-atomic particle.

He is a member of a group of researchers at TRIUMF conducting muon spin rotation experiments on high temperature superconductors and semiconductors.

An associate of the Canadian Institute for Advanced Research's superconductivity program, Kiefl is known as a creative and insightful researcher.

The McDowell award was established by University Professor Charles McDowell, former head of UBC's Dept. of Chemistry. It is presented to a young researcher who has demonstrated excellence in the pure or applied sciences.

The awards were presented April 5 at a ceremony hosted by President David Strangway.

Fraser study gets $2.4 m

by Gavin Wilson

Staff writer

The lower Fraser Basin — from Hope to the river's mouth near Vancouver — is an ecosystem under tremendous pressure from pollution, urban sprawl and a host of other problems.

How the region can maintain an ecologically-sustainable future is the question to be addressed by a joint project of UBC's Westwater Research Centre and its Sustainable Development Research Institute.

The project has received a three-year grant of $2.4 million from the Tri-Council Secretariat of the three federal granting councils, with support from the Green Plan, which is a federal government initiative to ameliorate environmental problems.

Thirty-seven UBC faculty from the natural, social, applied and medical sciences will join forces to collaborate on the project.

"Our approach to researching and developing solutions to the extremely complex problems of this ecosystem is both ambitious and unique," said Mike Healey, director of the Westwater Research Centre.

"It's ambitious because the region is so large and diverse and the problems so pervasive and interconnected. It is unique because we believe that the problems can only be addressed by a mixture of disciplines pooling their insights and expertise."

The 500,000-hectare Lower Fraser Basin is the fastest-growing urban area in Canada. The increasing demands for industrial and recreational use are in conflict with more traditional land uses

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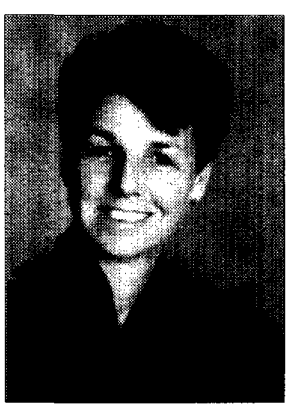
South Africa tour a first

by Abe Hefter

Staff writer

Women's field hockey coach Gail Wilson is about to embark on a 14,000 kilometre journey that will conclude, for her, with one final trip to the sidelines.

With 16 years and five national championships behind her, Wilson will leave coaching after she takes the UBC women's team on a ground-breaking tour of South Africa for 10 games against university competition.



Wilson

Last October, the International Field Hockey Association renewed its ties with the South African Field Hockey Association, enabling Wilson to pursue an opportunity to compete in a country "which has almost been forgotten" on the international sporting scene.

"Ours will be the first field hockey club to tour South Africa since the ban on competition was lifted," said Wilson.

"This continuing exposure to international competition not only enriches our athletic program, but enables our students to experience different cultures and customs."

With Wilson at the helm, the Thunderbirds toured England, Scotland and Wales in 1981, and parts of Czechoslovakia, East and West Germany, France, Austria, Belgium and Holland in 1985 and 1989.

Wilson feels, based on their record over the years, the T-Birds will provide their South African hosts with the best possible university competition from Canada. However, she admits she doesn't know what to expect from the opposition.

"I am hoping the South African universities will field competitive teams, but I really don't know how we rank from an athletic point of view," said Wilson.

"Hopefully, their level of play will be on a par with ours."

In addition to game competition,

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Letters

Fiscal realities nix financial aid

Editor:

I read with interest the article on B.C. Research Corporation which appeared in the March 25 edition of your newspaper.

There is no question that the facilities and expertise located at B.C. Research are a unique and valuable component of the science and technology community in British Columbia. Rather, the question earlier this year was whether the government could, or should, provide exceptional funding assistance to a private company experiencing financial difficulties. The British Columbia Research Corporation has operated as a private company since it was formed in 1988.

As a private company, B.C. Research is responsible for its operations. An independent review of the corporation found that although the activities at B.C. Research did generate short-term economic impacts in areas such as job creation and research investment, severe management and financial problems existed. Given the current fiscal realities facing the province, and considering the magnitude and complexities of the problems at B.C. Research, the government decided not to provide the financial assistance requested by this private company.

I want to make it clear that, given the uncertainty over the financial viability of B.C. Research, government has suspended any decisions regarding other ongoing funding for B.C. Research, either for services purchased directly, or other specific research activities. Financial support of $125,000 was made available on March 22 to allow a key group of B.C. Research employees, identified by the trustee as being critical to the future viability of the company, to complete a number of projects in progress. This support was intended to provide time for development of a new business plan and the finding of suitable partners, if needed, to ensure the continuation of a vital B.C. Research Corporation.

I appreciate that UBC has performed valuable work with B.C. Research in the past, and had planned to continue in several areas. I hope that UBC will be able to co-operate with the trustee, and help to keep the options open by proceeding with signed contracts wherever possible.

Finally, I would like to take this opportunity to correct some of the errors of fact presented in your article. The proposed $1-million loan guarantee was just one component of the financial assistance package requested by B.C. Research. The total amount requested was $5.7 million over two years, which was considered to be a minimum. There was insufficient information available to make an exact determination of costs. Also, the research and service funding provided to B.C. Research from various provincial ministries approaches $2.5 million annually, not $1.5 million as reported in your article.

I have met with the employees at B.C. Research and am impressed with their strong commitment to their work. I am hopeful that the benefits, services and research activities previously associated with B.C. Research will continue.

Tom Perry
Minister of Advanced Education,
Training and Technology

Fraser

Continued from Page 1

such as agriculture, forestry and wildlife.

"The area exemplifies all the major environmental trade-offs required by modern urban, industrial society," Healey said.

The project will cover three major areas: the river, the land and urban areas. Research on the river will include a look at water quality, river habitat and the fisheries. Land studies will focus on agriculture and how the use of fertilizers and pesticides influences ecosystem health.

Urban topics include chemical pollutants released into the air and water, transportation, public health, and the dependence of the city on resources in the surrounding hinterland — the city's "ecological footprint."

The project will also have a strong graduate student training focus and will offer support for a number of interdisciplinary graduate students.

"This is an opportunity to train a new generation of students with a clear understanding of an integrated approach to resource management and human ecosystem problems," Healey said.

Hockey

Continued from Page 1

the Thunderbirds will conduct coaching and developmental training sessions at several of the universities.

The Thunderbirds will arrive in Cape Town May 8. From there, they will cover 6,000 kilometres on a trip that will take them up the Garden Route along the Indian Ocean to Grahamstown and inland through the Orange Free State into Pretoria and Johannesburg. They will wrap up their trip with a three-day stay at Kruger National Park.

Ground transportation and air travel represented the club's biggest expense.

"The team members worked hard at raising $10,000 primarily through chocolate bar sales and car washes. In addition, each player is chipping in $1,000 towards the cost of the trip, with the Athletics Dept. and the President's Office contributing to overall expenses as well."

The students are being billeted at universities and various private residences throughout the trip, courtesy of their South African hosts.

"Being able to experience both university and home life will certainly enhance the cultural perspective of our trip," said Wilson.

The T-Birds hope to have some special UBC fans in the stands during the games. Invitations have been extended to about 50 UBC alumni living in South Africa, along with a schedule of matches.

The team will return home May 27, but not before Wilson takes to the field for the final time as coach for a game on May 23. At one point, she considered remaining on the job for another shot at a Canadian title in light of the team's disappointing fourth-place finish at this year's national championships. However, she knew that would be the wrong reason to keep coaching.

"Going out a winner certainly would have made this decision a lot easier to take. However, staying on for that reason wouldn't have been fair to myself or the program."

Wilson will now concentrate on her duties as a senior instructor in the School of Human Kinetics. Her replacement is expected to be named in June.

Friends of Chamber Music presents the

Beaux Arts Trio

performing: **Beethoven**, Piano Trio, Opus 70/1 *"Ghost"*;
Ravel, Piano Trio; &
Brahms, Piano Trio, Opus 8.

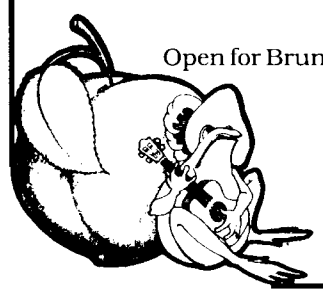
Tuesday, April 27, 1993, 8:00 PM.
at the Vancouver Playhouse.

Tickets: $22 (students $11)
from the Vancouver Ticket Centre (280-4444) or at the door.

Programme subject to change.

The Frog & Peach

For the relentlessly untrendy



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UBC REPORTS

UBC Reports is published twice monthly (monthly in December, June, July and August) for the entire university community by the UBC Community Relations Office, 207-6328 Memorial Rd., Vancouver B.C., V6T 1Z2.

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Forum looks at impact of genetic engineering

by Gavin Wilson

Staff writer

The chimera, or sphinx, is a mythical creature that for thousands of years has symbolized the impossible union of different beings. It was thought that only the gods could create such a beast.

Now, revolutionary DNA technologies have made the chimera — a term used in genetics research to describe the union of different pieces of genetic material — a reality.

Scientists have spliced genes from fireflies into tobacco plants, so that they glow in the dark. Genetic material of sheep and goats have been combined to create a new animal with a shaggy coat and horns.

Beyond these early experiments is a realm of endless possibility that promises, among many other things, medical breakthroughs in the prevention and treatment of disease and congenital ailments.

"The potential is limitless," said Botany Prof. Tony Griffiths. "Genetic research is going to have an enormous impact on every aspect of our lives."

Griffiths is the organizer of a free educational event for the general public which will explain the new technologies and address the complex moral and ethical issues they raise. Called Genetics in Your Future, the May 1 event is the latest in an annual public outreach series organized by the Dept. of Botany.

UBC genetics researchers, including David Suzuki, will look into the future and predict the impact of genetics on human society, how genetic advances will affect people's everyday lives and the moral issues we will have to come to grips with.

"Many things we use day to day, from the clothes we wear, to the food we eat and the drugs we take, are the products of genetic manipulation. People do not appreciate the debt we owe to it already," Griffiths said.

The forum will also address philosophical questions, such as how genetic research will affect our world view. Griffiths said we now know that we are genetically linked to every living organism on the planet, whether it is animal, plant or fungi.

As well as Suzuki, other speakers are: Zoology Associate Prof. Hugh Brock, Botany Assistant Prof. Carl Douglas, Assistant Prof. Brett Finlay of the Biotechnology Laboratory, Prof. Jan Friedman, head of Medical Genetics, Medical Genetics Associate Prof. Barbara McGillivray, Adjunct Botany Prof. Helene Sanfacon and Microbiology Prof. Tony Warren.

Genetics in Your Future will be held in the Woodward Instructional Resource Centre, Auditorium #2, on Saturday, May 1, from 10 a.m. to 4 p.m. and is free of charge. For more information or to reserve a seat, call the Dept. of Botany at 822-2133, or fax 822-6089.

Gavin Wilson photo

A Taste of Science

Science Dean Barry McBride discusses a science project with Meghan Gardiner, a Grade 8 student at Point Grey Mini School. She was one of about 250 Grade 6 to 12 students who took part in the Greater Vancouver Regional Science Fair, held recently in the SUB ballroom.

Female seniors tested

Elderly can boost fitness with exercise, study says

by Abe Hefter

Staff writer

Ted Rhodes wishes all his subjects had this much drive and enthusiasm.

Rhodes, the director of the Buchanan Exercise Science Laboratory at the Aquatic Centre, made the comment while watching a group of women go through preliminary testing before they embarked on a 12-week strength-enhancement program.

What makes this group of 25 women unique?

They are between the ages of 65 and 75 and are taking part in a research project on exercise and the elderly being conducted by Rhodes, Dr. Jack Taunton of the Allan McGavin Sports Medicine Centre, Alan Martin of the School of Human Kinetics and Dr. Martha Donnelly of Vancouver General Hospital.

"There has been very little research done with this age group," said Rhodes.

"I wanted to find out if elderly women — most of whom in this project were totally inactive going into the study — can improve their level of physical fitness at their age. The answer would appear to be, yes.

"Early results would indicate that you can be active throughout your life with tangible health benefits to be had."

In the first stage of the study, Rhodes and his team set out to determine what effects, if any, aerobic exercise would have on cardio-respiratory efficiency.

Seventy-five elderly women were recruited. Twenty-five performed one-hour aerobic exercises on land, three times a week. Twenty-five did similar aerobic workouts in the water and the rest acted as a control group.

"On the average, the women who took part in the exercise programs showed a 12 to 15 per cent increase in their aerobic capacity," said Rhodes.

The second phase, which is now under way, features a training program that emphasizes strength enhancement. The 25 women, with another 25 acting as a control group, have begun a 12-week program, three times a week, that consists of light weights and progressive resistance.

Abe Hefter photo

UBC graduate student Joanne Wall (left) measures Barbara McGillivary's skinfold thickness prior to embarking on a UBC strength-enhancement program.

"I wanted to find out if elderly women — most of whom in this project were totally inactive going into the study — can improve their level of physical fitness at their age. The answer would appear to be, yes."

- Ted Rhodes

During this phase, and once it has concluded, the women will be measured for girth, skinfold thickness and bone density as part of the testing procedure.

"After the three months are up in June, we hope the women will continue to remain active, more so on their own, if at all possible," explained Rhodes.

"It will take a year before any changes in bone density can be determined."

Judging from the keen enthusiasm exhibited by his subjects, Rhodes figures he'll have little trouble finding willing longer-term participants.

"They have been excellent subjects," he said.

Offbeat

by Gavin Wilson

The Canadian Gardener is turning over a new leaf.

The popular CBC-TV program will now be filmed at UBC's Botanical Garden. The move coincides with a new format for the program, which will now be hosted solely by David Tarrant, the garden's education co-ordinator. Former co-host Bob Switzer is leaving the show.

Tarrant

"The Canadian Gardener will become more educational, but will still feature David's sense of humour," says Bruce Macdonald, garden director.

For the past eight years, the Canadian Gardener has been shot on the roof of the CBC's Hamilton St. building. But increasing noise and the construction of the new city library across the street has forced a move.

Filming on the new series will begin May 7, making UBC's Botanical Garden the first in North America to host a national television show.

Adding to the university's profile will be regular guest spots by Botanical Garden staff and researchers from the Faculty of Agricultural Sciences.

"Every week, UBC will be seen right across Canada. It's very exciting," Macdonald says. "It should encourage more visitors to the university and the Botanical Garden."

The show is also popular in Washington, Oregon and other border states. Letters pour in from across Canada, the U.S. and beyond, including South America.

If the new format merits a name change for the Canadian Gardener, we have a few suggestions. How about Leaf it to Beaver, Carnation Street or Seed Trek: the Next Propagation?

• • • •

U.S. President Bill Clinton isn't the only world leader sporting a UBC sweatshirt these days.

Czech Republic President Vaclav Havel has been spotted several times on television and in the press wearing UBC shirts given to him by Marketa Goetz-Stankiewicz, professor emerita in the Dept. of Germanic Studies.

"I've always sent him t-shirts and sweatshirts, ever since he was a dissident," she said. "He loves to wear them."

Goetz-Stankiewicz's contact with Havel goes back many years, including the dark days when he was imprisoned for his opposition to the Communist regime.

She is the author and editor of several books and many articles on the dissident theatre scene in the former Czechoslovakia, of which Havel, a playwright, was a major figure.

The title of her latest book, Goodbye Samizdat: 20 years of Czech Underground Writing, is taken from an article Havel wrote after the fall of Communism.

"He has a great insight into how people use language and how language manipulates people. He is a very funny writer, too," she said.

Calendar

April 25 through May 8

Seminars

Monday, April 26

Biochemistry/Molecular Biology Seminar

New Insights About Drosophila Topoisermase II: Tracking Function From The Test Tube To The Embryo. Donna Arndt-Jovin, Max Planck Institute for Biophysical Chemistry, Germany. IRC #4 at 3:45pm. Refreshments at 3:30pm. Call 822-5925.

Tuesday, April 27

Pharmacology/Therapeutics

The Neuron As A Delay Unit: Signal Delays And Propagation Velocities In Axons And Dendrites. Dr. Idan Segev, Neurobiology, U. of Jerusalem. University Hospital G279 from 12-1pm. Call 822-6980.

Botany Seminar

Stress Induced Expression Of 4-Coumarate Coenzyme-A Ligase (4CL). Mary Ellard, PhD candidate, Botany. BioSciences 2000 from 12:30-1:30pm. Call 822-2133.

Pharmaceutical Sciences

University-Industry Interaction And Protection Of Intellectual Property. Ms. Natalie MacDougall/ Ms Helen Becker, Industry Liaison Office. Cunningham 160 at 1:30pm. Call 822-4645.

Wednesday, April 28

Anatomy Seminar

Identification And Functional Analysis Of A Laminin-Like Protein In Starfish Extracellular Matrix. Corinne Reimer, grad student, Anatomy. Friedman 37 from 12:30-1:30pm. Call 822-9071.

Thursday, April 29

Media Services Satellite

Electronic Still Photography '93. Part 3 of 4. The Electronic Darkroom And You. Rochester Institute of Technology. University Services Telecentre from 10am-12pm. Advance registration fee. Call 822-5036.

Friday, April 30

Media Services Satellite

Apple Education TV Series. 9:30am: Future Technologies (1993). 10:30am: Today's Innovators - Tommorrow's Technologies (1993). Telecentre. Call 822-5036.

Tuesday, May 4

Biotechnology Seminar

Towards A Transgenic Mouse Model For Prostate Cancer. Dr. Norman M. Greenberg, Cell Biology/Urology, Baylor College of Medicine, Houston, Texas. IRC #3 at 3:30pm. Refreshments. Call Dr. Matusik at 877-6015.

Wednesday, May 5

Microbiology Seminar

Fat And Phosphorylation - Studies With An Unfashionable Tissue. Dr. Roger Brownsey, Biochemistry. Wesbrook 201 from 12:30-1:30pm. Call 822-3308.

Saturday, May 8

Psychology Seminar

Light My Fire. Ellen Kreidman, author of Light His Fire/Light Her Fire. SUB Auditorium from 10am-4pm. Fee $80.25, student/group rate available. Call Angele at 224-0858.

Lectures

Friday, April 30

Obstetrics/Gynaecology Grand Rounds

Ethics In Clinical Research - Lessons To Be Learned From The New Zealand Cancer Of The Cervix Study. Dr. Betty Flagler, U. of Calgary. University Hospital Shaughnessy Site D308 at 8am. Call 875-4261.

Paediatrics Grand Rounds

Birth Environment And Outcome. Dr. M. Klein, medical director, Paediatric Partnership Program. G.F. Strong Auditorium at 9am. Call 875-2118.

Health Care/Epidemiology Grand Rounds

Predictive Testing For Huntingdon's Disease - Psychological Consequences. Ms. Sandi Wiggins, Research Association, Health Care/ Epidemiology. James Mather 253 from 9-10am. Call 822-2772.

Friday, May 7

Paediatrics Grand Rounds

Genotype/Phenotype Analysis In Hurler Syndrome: A Model For The Evaluation Of Therapy Of Metabolic Disorders. Dr. Lorne Clark, Biochemical Diseases. G.F. Strong Auditorium at 9am. Call 875-2118.

Health Care/Epidemiology Grand Rounds

Hip Fracture Incidence And Trends In Canada. Dr. Alan Martin, associate professor, Physical Education. James Mather 253 from 9-10am. Call 822-2772.

Notices

Campus Tours

School and College Liaison Office Friday morning tours for prospective UBC students. Reserve one week in advance. Call 822-4319.

UBC Speakers Bureau

Would your group like to know more about topics ranging from dolphins to computers of the future? Choose from more than 400 topics. Call 822-6167 (24 hr. ans. machine).

Professional Development For Language Teachers

Continuing Studies' English Language Institute offers practical workshops for teachers in: Intercultural Learning, Pronunciation, Field Trips, Reading Comprehension, Writing/Classroom Management. Courses begin in July. Call 222-5208.

ESL Evening Classes

Conversation Skills; Basic Writing/Grammar; Listening Skills; Advanced Discussion; Fluency/Pronunciation; Advanced Composition; Academic Writing Workshops; TOEFL Preparation. Beginning April 26/27, twice a week, 7-9pm. Call 222-5208.

Downtown Evening Course

Non-native speakers of English develop and refine your business communication and writing skills. Starting April 26, Mondays/Wednesdays 4:45-6:45pm. Call 222-5208.

Introduction To Microcomputers/Word Processing

Non-native speakers of English with no prior experience with personal computers become familiar with the computer, technical vocabulary and WordPerfect 5.1. Beginning May 4 from 7-9:30pm. Call 222-5208.

Reachout Program

Student volunteers write letters to students intending to attend UBC, explaining life at UBC and in Canada, to ease the apprehension of international students. For information go to International House or call 822-5021.

Women Students' Office

Assertiveness training group will be offered in May. Advocacy/ personal counselling services also available. Call 822-2415.

Fine Arts Gallery

Tues.-Fri. from 10am-5pm. Saturdays 12-5pm. Free admission. Main Library. Call 822-2759.

Sexual Harassment Office

Advisors are available to discuss questions or concerns and are prepared to help any member of the UBC community who is being sexually harassed find a satisfactory resolution. Call Margaretha Hoek at 822-6353.

Statistical Consulting/ Research Laboratory

SCARL is operated by the Department of Statistics to provide statistical advice to faculty/ graduate students working on research problems. Free consulting for graduate students with supervisor's approval available this semester. Call 822-4037 or e-mail scarl@stat.ubc.ca.

Surplus Equipment Recycling Facility (SERF)

Disposal of all surplus items. Every Wednesday, 12-5pm. Task Force Bldg., 2352 Health Sciences Mall. Call Vince at 822-2582/ Rich at 822-2813.

Institute Of Pacific Relations Research

A review of Canadian participation in the Institute of Pacific Relations (IPR, 1925-61) is being prepared at the Institute of International Relations. Anyone with information on the IPR please call Lawrence Woods at 822-6875.

Clinical Research Support Group

Faculty of Medicine data analysts supporting clinical research. To arrange a consultation, call Laura Slaney 822-4530.

Bone Building Study

Seeking 10-11 year old girls for study on changes in bone during growth. Participation includes monitoring of bone density, nutrition and growth. Call 822-6766.

Stress Study

Seeking management/ professional staff who feel they cope with stress quite well or not well at all for participation in a two-hour group interview. Call Bonita Long at 822-4756/Sharon Kahn 822-5454.

Late Afternoon Curling

Space available at Thunderbird Winter Sports Centre from 5-7:15pm. Beginners and experienced curlers welcome. Call Alex at 738-7698 or Paul (eves.) at 224-0835.

Dermatology Studies

Nail Fungus Infection

Volunteers 18-70 years required to attend 11 visits over 48 weeks. Infection must be in the right or left large toenail. Honorarium. Call 875-5296.

Genital Warts

Volunteers 18 years or older required to attend a maximum of 17 visits over a 7 month period. Honorarium. Call 875-5296.

Severe Psoriasis

Male volunteers 18-70 years required to attend 8 visits over a 20 week period. Call 875-5296.

Child Studies Research

Is your baby between 2 and 22 months? Join UBC's Child Studies Research Team for lots of fun. Call Dr. Baldwin at 822-8231.

Menstrual Cycle Study

Seeking healthy women volunteers ages 18-40 who have not had menstrual flow for 3 months or longer to participate in a 2 month study, to assess the effectiveness of a progesterone-like medication in stimulating menstrual flow. Call 875-4566.

Behaviour Study

Do you check or clean too much? Psychology is looking for people who repeatedly check (e.g. locks, stoves) or clean excessively to participate in a study. Call 822-7154/9028.

High Blood Pressure Clinic

Adult volunteers needed to participate in drug treatment studies. Call Dr. J. Wright in Medicine at 822-7134 or RN Marion Barker at 822-7192.

Drug Research Study

Male and female volunteers required for Genital Herpes Treatment Study. Sponsoring physician: Dr. Stephen Sacks, Medicine/Infectious Diseases. Call 822-7565.

Sexual Response Study

Psychology department requires sexually functional/ dysfunctional women to participate in research on sexual arousal. Honorarium. Call 822-2998 Monday-Thursday from 4-6pm.

Child Study Centre

Taking registrations now for afternoon kindergarten classes beginning in September. Child Study Centre. 4 afternoons/ week, Monday-Thursday, 2 teachers/class. Call 822-2311.

Introductory Main Garden Tours

Every Wednesday/Saturday from March 24 to September 25 at 1pm at the entrance to Botanical Garden. Admission cost includes tour. Call 822-4208.

Miscellany

Thursday, April 29

Training Workshop

Performance Review. Nancy Nowlan. Angus 109 from 9am-12pm. $25 fee. Refreshments. Call 822-9644.

Saturday, May 1

Public Forum

Genetics In Your Future. Tony Griffiths, Botany; David Suzuki, Zoology. IRC #2 from 10am-4pm. Call 822-2133.

Calligraphy/Noh/Pottery Exhibition

Beauty Of Japan. Kataoka Shiko, calligrapher; Umewaka Makio, noh player; Toide Katsuhiko, potter. Asian Centre Auditorium from 10am-5pm daily through to May 8. Call 224-2587.

Friday, May 7

Social Work Symposium/ Research Day

Democratization Of Research. Opening Speech Dr. Lawrence Green, director, Institute of Health Promotion Research. School of Social Work from 8:30am-4:30pm. Call 822-5035.

UBC REPORTS

CALENDAR DEADLINES

Material for the Calendar must be submitted on forms available from the UBC Community Relations Office, 207-6328 Memorial Road, Vancouver, B.C. V6T 1Z2. Phone: 822-3131. Fax: 822-2684. Notices exceeding 35 words may be edited.

Deadline for the May 6 issue of UBC Reports — which covers the period May 9 to May 22 — is noon, April 27.

UBC

The UBC Campaign
A World of Opportunity

The University of British Columbia
Development Office
6253 NW Marine Drive
Vancouver, Canada
V6T 1Z1

Telephone
604 822.8900
Facsimile
604 822.8151

Opportunity

The UBC Campaign News **May 1993**

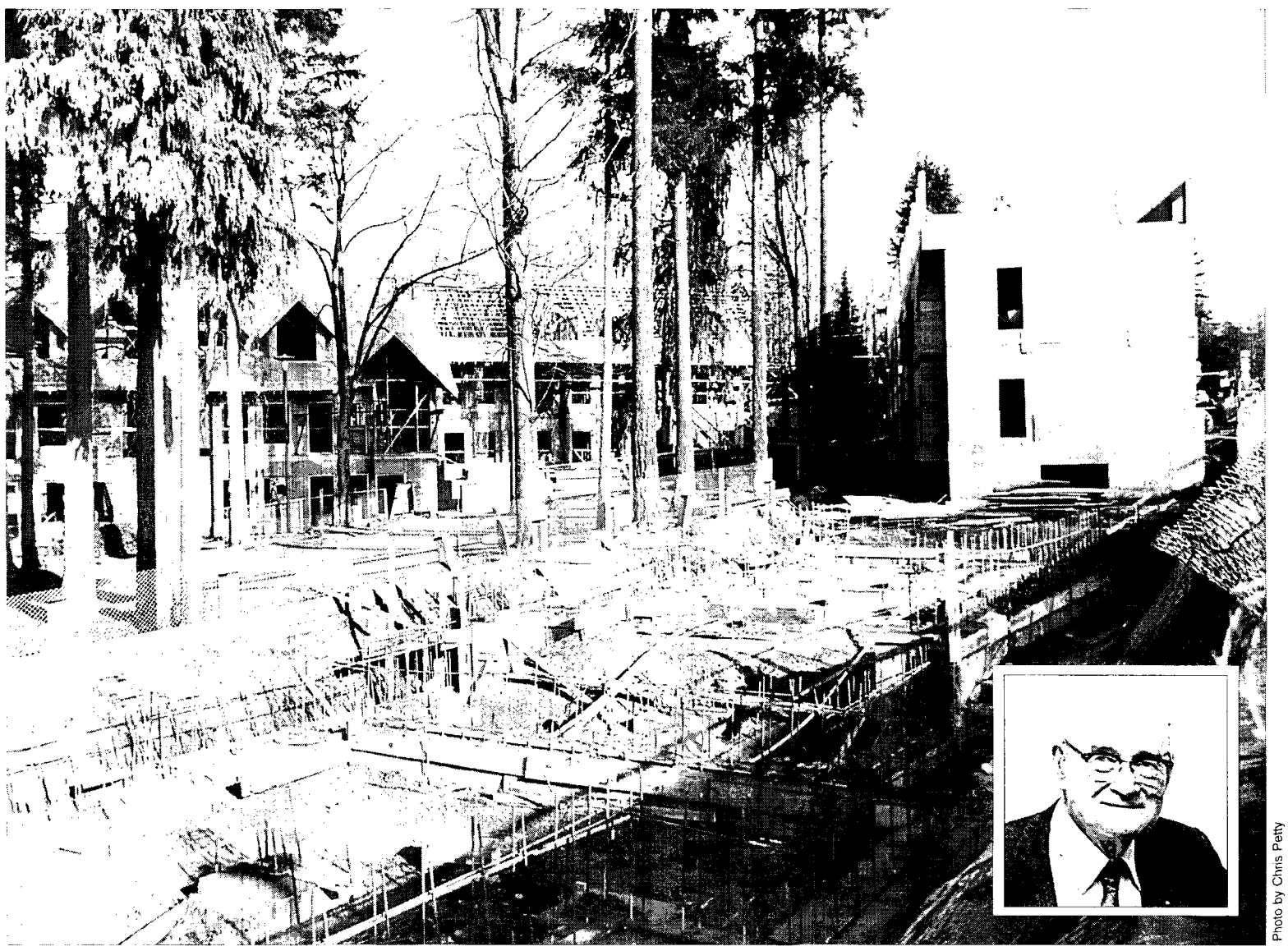

Photo by Chris Petty

College in the Green

Sir Cecil Green (inset) will dedicate a cornerstone commemorating the construction of Green College, May 19. One hundred graduate students and senior scholars from many academic disciplines will live and work together in western Canada's first graduate college.

Campaign gears up for finale

The World of Opportunity Campaign's grand finale celebration will take place November 22nd, UBC President David Strangway announced.

"With the government's reconfirmation of our matching program, we can now complete the Campaign in November," Strangway said. "While we've come a long way, we still have work to do in B.C., across Canada, and in the Asia Pacific. We have $230 million in place, and $23 million to go."

Momentum for the Campaign, now in its fifth year, has remained extraordinarily constant. Last May 30th, Campaign Chair Bob Wyman reported to donors who attended UBC's *Supporting Scholarship* dinner in the War Memorial Gym, that $130 million in private sector contributions had been raised. As of March 15th, the total of contributions from the private sector is $145 million.

"Our fund raising committees in Vancouver, Toronto, Hong Kong, Seoul, Taipei, Tokyo and Singapore are very dedicated to completing their projects," said Strangway.

Of the 150 World of Opportunity Campaign projects, 20 projects still require funding. They include a new Library Centre (total goal $24 million - $7.8 million to be funded); an Art Gallery endowment; Centres for South and South-East Asia; and Chairs such as the Chair in the Ocean Environment and its Living Resources (total goal $1 million - $75,000 to be funded).

Projects which recently have been funded include the Disability Resource Centre, a building for the Institute of Asian Research, a Centre for Korean Research, and a Heart and Stroke Foundation Chair in Cardiology.

The Vancouver Campaign finale celebration will be the culmination of events to thank donors, which will take place during October in Toronto, Hong Kong, Taipei and Singapore. Already, events have been held in Tokyo and Seoul.

After consultation with members of the Campaign Leadership Committee and Advisory Council, it was decided that the theme of the finale celebrations, *UBC: Mind-Full of Your Future*, would be used to demonstrate how the projects initiated through the Campaign will benefit the people of British Columbia and Canada, and create new opportunities for research and education world-wide.

Inside...

- **Institute of Asian Research attracts major donations**
- **More people are planning their gifts**
- **Trailblazing chair in Women and the Law established**

IAR substantially funded

The $21-million Institute of Asian Research, which only three years ago was in the conceptual stage, is now substantially funded thanks to several recent donations.

In December, Mr. C.K. Choi and family announced a $2.5 million contribution toward construction of the building for the Institute, which will house Centres of Chinese Research, Japanese Research, Korean Research, South Asian Research and Southeast Asian Research. Matsuzaki Wright Architects Inc. has been selected to design the building, which will be located in the area around the Asian Centre and Nitobe Garden, in a forest-garden setting. The building will be named in the Choi's honour.

"The Choi family has provided support to a wide range of activities at UBC," said Chancellor Leslie Peterson at a cheque presentation ceremony. "In addition to this remarkable gift to the Institute of Asian Research, Mr. Choi and his family have provided scholarships to assist students in the areas of Business Administration, Buddhist Studies, Engineering, Secondary Education, Medicine, Dentistry and first-year Graduate Studies."

Funding for the Centre for Korean Research is now complete, thanks to two-$250,000 gifts from the Korea Electric Power Corporation and its corporate associates, and Atomic Energy of Canada Limited. In addition, the Korea Foundation, the Sammi Group, Pohang Iron and Steel Company and its consortium of affiliates, and the B.C. Society for the Advancement of Korean Studies have made major contributions to the Centre.

The Centre for Japanese Research was the first within the Institute of Asian Research to be funded, as a result of the energetic and dedicated fund-raising efforts of the Vancouver Japanese Businessmen's Association (Konwakai) and associates in Japan. The Vancouver Konwakai and friends have also raised $1 million for the renovation of the Nitobe Memorial Garden, UBC's classic Japanese garden.

Photo by Martin Dee

C.K. Choi and UBC President David Strangway

UBC hopes to announce soon that fund-raising for the Centre for Chinese Research is complete. In December, the Vice Minister of Foreign Affairs for the Republic of China, formerly Taiwan, visited the university to announce a contribution of $500,000. The gift represents the first ever from the government of the Republic of China to a Canadian university or public institution. An anonymous donor from Hong Kong has made a $1 million contribution to the Centre. Paul Lin is also a major contributor.

The position for the Director of the Institute of Asian Research, held by Dr. Mark Fruin, a world-renowned expert in Asian Studies, was funded by the Hongkong Bank of Canada.

Campaign News Briefs

A very generous gift of $1.6 million dollars from the Aghtai Family - Kassem, Forough, Mehrdad and Mehran Aghtai - has completed funding for the **Disability Resource Centre.**

Spearheaded by Rick Hansen, the Centre, the first of its kind in the world, will work to ensure that all students, faculty, staff and visitors will benefit from what UBC has to offer.

The Centre will establish national and international networks, featuring research, advocacy, service, access, information and employment for people with disabilities.

Other major donors to the Disability Resource Centre are the B.C. Lottery Fund, the Vancouver Foundation, Ford Motor Company of Canada Limited and Imperial Oil Limited.

The contributions made by the men and women of Canada's armed forces didn't end with the great world wars.

Although best known for conducting Remembrance Day services every November 11th, members of the Royal Canadian Legion are active throughout the year, raising funds to provide bursaries and scholarships to students from secondary school to university level.

At UBC, the Royal Canadian Legion has fully endowed a **Chair in Family Practice**, which it continues to support from a special trust fund. Donations to the chair, since it was established in 1978, currently total $760,000.

Royal Canadian Legion

Major Donors to the World of Opportunity Campaign

As of March 15, 1993

The University of British Columbia is pleased to recognize the following donors to the World of Opportunity Campaign.

Recognition is also gratefully extended to the **Government of British Columbia**, which has expressed its commitment to higher education by matching gifts to the Campaign, and to the **Vancouver Foundation** for matching gifts to the President's Fund Opportunity Endowment.

The full value of the donor gifts, plus matching contributions, are gratefully acknowledged below.

$10,000,000 or more

including matching funds

Chan Foundation of Canada
Cecil H. Green
Students of The University of British Columbia
Peter Wall

$2,000,000 to $9,999,999

including matching funds

Alcan
B.C. Lottery Fund
Jack Bell
The Morris and Helen Belkin Foundation
William E. and June Bellman
Estate of Hugh M. Brock
BC Tel
C.K. Choi and Family (Eason Enterprises Ltd.)
Canaccord Capital Corp. and Peter M. Brown
Fletcher Challenge Canada Limited
Hongkong Bank of Canada
IBM Canada Ltd.*
Vancouver Japanese Businessmen's Association (Konwakai) and Friends
Walter C. Koerner*
Estate of Gladys E. Laird
The Honourable David C. and Dorothy Lam
MacMillan Bloedel Limited
The Real Estate Foundation of British Columbia
Department of the Secretary of State of Canada
The William L. Sauder Family
Mrs. Gordon T. Southam
UBC Alumni Campaign (continuing)
Vancouver Foundation
Workers' Compensation Board of British Columbia
W. Maurice Young
Anonymous
Anonymous

$1,000,000 to $1,999,999

including matching funds

The Aghtai Family - Kassem, Forough, Mehrdad, Mehran
Alias Research Inc.
The Arthritis Society
BC Hydro & Power Authority
John Bell
Canadian Pacific Limited
Cominco Ltd.
Curragh Inc.
The Hamber Foundation
Rick Hansen Man in Motion Foundation
Estate of Elsie May Harvey
Hewlett-Packard (Canada) Ltd.*
Imperial Oil Ltd.
Asa Johal
Edgar F. Kaiser, Jr.
Eugene W. King
The Korea Foundation
Tong Louie and London Drugs
Maclean Hunter Limited
J.W. McConnell Family Foundation
Brenda and David McLean
Placer Dome Inc.
RHW Foundation
Robert C. Rodgers
St. Paul's Hospital Foundation
C.N. Woodward
Anonymous
Anonymous

$500,000 to $999,999

including matching funds

Atomic Energy of Canada Ltd.
British Columbia Schizophrenia Society
British Columbia Lung Association
B.C. Society for the Advancement of Korean Studies
Bank of Montreal
The Bank of Nova Scotia
Estate of Winnifred E. Boyes
Canada Trust
CIBC
Canfor Corporation
Joan Carlisle-Irving
Cathay Pacific Airways Limited
Chan Tat Chee Memorial Fund
Mrs. Arnold B. Cliff
Energy, Mines and Petroleum and the Ministry of the Environment
Finning Ltd.
Estate of Walter H. Gage
The Heart and Stroke Foundation of British Columbia and Yukon
International Development Resource Centre (IDRC)
The Commemorative Association for the Japan World Exposition (1970)
Korea Electric Power Corporation
Simon K.Y. Lee
The Law Foundation of British Columbia
Multiculturalism and Citizenship Canada
Pohang Iron & Steel Co. and Corporate Associates
RBC Dominion Securities Pemberton
Ritsumeikan University
Royal Bank of Canada
Sammi Group and Friends
Shell Canada Limited
Stelco Inc.
Teck Corporation
Toronto Dominion Bank
TRIUMF
UBC Faculty and Staff Campaign (continuing)
James and Ilse Wallace
Weldwood of Canada Ltd.
Westcoast Energy Inc.
Weyerhaeuser Canada Ltd.
Anonymous

$250,000 to $499,999

including matching funds

BC Gas Inc.
Clark Bentall

Planned gifts return tax breaks

UBC is experiencing a dramatic increase in planned and deferred gifts --$6.2 million was raised in 1992, up from $2 million the previous year.

"The work we've done during the last few years to educate people about the benefits of planned giving is really paying off," said Clark Warren, Manager of Planned Giving. "People are now starting to understand not only how important their contributions are to UBC, but also the significant tax benefits which can be realized by making donations through the UBC Foundation."

When people think of planned giving to the University, they usually think in terms of deferred gifts, or bequests bestowed through their wills and only realized after their deaths. However, by making contributions through annuities, insurance, property and cash during their lifetime, donors can receive tax receipts for 100 per cent of their gifts, with a five-year carry-forward provision which enables them to apply their gifts to any tax year during the five years after they make their contributions.

One of UBC's most enthusiastic supporters, Jack Bell and his son, John, gave UBC $2 million this year -- $1.5 million in preferred shares in their company, Coast Cranberries and $500,000 in cash. Both Jack and John Bell received a charitable tax receipt for $1 million dollars, which they can use against 100 per cent of their personal income. This gift and others from Jack Bell have benefitted such diverse projects in the World of Opportunity Campaign as the First Nations Longhouse (due to open May 25th), a new School of Social Work, and a chair devoted to the study of schizophrenia.

Photo by Martin Dee

Clark Warren and June Mellis help donors plan their gifts.

Florence Wilson is another of UBC's benefactors. She gave UBC an insured annuity for $90,000, toward her specific interest -- prospective B.C. teachers studying in the Faculty of Education. During her lifetime, she receives the income from the annuity; the university will receive the principal at the end of her lifetime.

Many people remember UBC in their wills -- but relatively few know that through estate planning through the UBC Foundation, estates can be used in the year of death with a one-year tax carry back. Re-directing a major bequest from the Brock estate to the UBC Foundation resulted in tax savings to the estate of over $300,000. Since UBC was a beneficiary of one-half of the residue of this estate, it received an extra $150,000, which was directed toward education abroad scholarships, to assist students from UBC who wish to study abroad.

The MacKay bequest of $1 million to the department of Geology and Mining Exploration at UBC is typical of the sometimes circuitous route by which UBC receives gifts.

Thomas MacKay staked a mining claim in Northern B.C. in the 1930s and worked it for many years without success. By 1982, the year of his death, his claim was still worthless. However, his wife, Marguerite MacKay continued to develop the mine, and eventually, Thomas MacKay's hard work bore fruit. Gold was discovered.

Mrs. MacKay died in 1991, but prior to her death, she established a bequest to UBC in honour of her late husband. The income from that bequest will create scholarships and bursaries to support mining students for generations to come.

Photo by Martin Dee

Donation makes music

Acclaimed British composer Sir Peter Maxwell Davies (pictured signing agreement) has been commissioned to write a full-length concert piece in collaboration with UBC's School of Music. The work, based on the Book of Job, will be for orchestra, chorus and soloists.
The project has been made possible through a contribution by David Lemon in support of the World of Opportunity Campaign's *Musical Instruments and Endowment Fund*.
Witnessing the signing are (l to r) fund-raising staffer Ian Clayton, School of Music Director Robert Silverman, project advisor and donor David Lemon and Arts Faculty Dean Patricia Marchak.

Canadian National
Chevron Canada Limited
Chris Spencer Foundation
Mr. and Mrs. Vicwood Chong Kee Ting
Ronald Laird and Ardelle Cliff
Dofasco Inc.
Mrs. Violet E. Eagles
The B.I. Ghert Family Foundation
John Grot Memorial Fund
Yoshihisa Imajo
Cy and Emerald Keyes Charitable Foundation
Kinsmen Club of Vancouver*
Michael M. Koerner*
Labatt Breweries of British Columbia
Lily and Robert H. Lee
Merck Frosst Canada Inc.
The Noranda Foundation and Noranda Forest Inc.
Northern Telecom
Northwood Pulp & Timber Ltd.
David and Lucile Packard Foundation
Phillips Hager & North Ltd.
Royal Trust
Scott Paper Limited
Shoppers Drug Mart
Sun Life Assurance Co. of Canada
Wavefront Canada Ltd.
Western Pulp Limited Partnership
West Fraser Timber Co. Ltd. and Janet W. Ketcham
Anonymous
Anonymous
Anonymous

$100,000 to $249,999

including matching funds

Mr. and Mrs. K. Alston
Andersen Consulting
BC Sugar
Canadian Pacific Forest Products
Central Capital Corporation
Chinese Canadian Dental Society of B.C.
Estate of J.V. Clyne
Diachem Industries Ltd.
Du Pont Canada Inc.
Ebco Industries Ltd.
Falconbridge Limited
Fisher Scientific Limited
Ford Motor Company of Canada, Limited
Ancie and Arthur Fouks
General Motors of Canada Limited
Glenayre Electronics Ltd.
Gordon S. Harris
Hong Kong - Canada Business Association
ICI Canada Inc.
Inco Limited
Estate of Mona Leith
Paul Lin
London Life Insurance Company
MacDonald Dettwiler & Associates
McLean Foundation
Manulife Financial
The Molson Companies Limited
The Molson Family Foundation
Monsanto Canada Inc.
Nesbitt Thomson Inc.
Pacific Press Limited
Petro-Canada
Estate of Lyle Harvey Potts
Pratt and Whitney Canada
Rayrock Yellowknife Resources Inc.
Rio Algom Limited
JC Scott Construction Ltd.
The Simons Foundation
Henry S. Skinner
John McN. Sieburth and Louise Sieburth Anderson
Eric Sonnor
David and Alice Strangway
George and Louise Tso
UBC Employees Society 116
Valleydene Corporation Ltd.
Senta Wong
W. Robert Wyman
Xerox Canada Inc.
Anonymous
Anonymous

$50,000 to $99,999

including matching funds

Air Canada
Apotex Inc.
British Columbia Buildings Corporation
Peter J. G. Bentley
Dan and Arlene Birch
Joanne V. Brown
W. Thomas Brown
Bull Housser and Tupper
Grant D. Burnyeat
The Canada Life Assurance Company
Confederation Life Insurance Company
David R. Crombie
Crown Life Insurance Company
Estate of Elizabeth Dickey
Domtar Inc.
Audrey and Bruce Gellatly
David F. Hardwick
John Helliwell
Taichi Kameyama
Lafarge Canada Inc.
P. Lawson Travel
Klaas de Leeuw
Anna S. McCann
Ministry of Environment, Lands & Parks
North American Life Assurance Co.
Pacific Open Heart Society
Princeton Mining Corp.
Rogers Communications Inc.
Russell & DuMoulin
ScotiaMcLeod Inc.
K.D. Srivastava
William T. Stanbury
Peter and Theresa Ufford and Family
UMA Group
Western Forest Products Limited
Anonymous
Anonymous

Other Gifts

More than 16,000 individuals, corporations and other organizations have made contributions of up to $50,000 to the World of Opportunity Campaign. Many of these donors, who include faculty, staff, alumni and friends, have been making annual contributions to UBC. Their donations comprise the mainstay of giving to the university. Their cumulative giving to the Campaign, including matching funds, totals more than $17 million.

Generous support has also been received from the community, including the UBC Campaign Leadership Committee and Advisory Council, the UBC Board of Governors, Campus Leadership, Chancellor's Circle and the Wesbrook Society.

*Gift-in-kind, or partial gift-in-kind

"Trailblazing" chair established

Challenging gender bias and sexual discrimination in the justice system is the focus of a new academic chair in Women and the Law, funded through the World of Opportunity Campaign.

"Finally, women's rights are being recognized as important human rights issues," said Lynn Smith, dean of UBC's Faculty of Law.

"Academic work on the justice system's and the law's treatment of women has been going on for decades, but is now leading to some important social policy changes."

Risa Levine, a Vancouver lawyer and head of the fund-raising committee for the chair, describes it as a trail-blazing activity in an area that has long needed attention.

"Current legal decisions are based on precedent which, historically, recognized women as property of their husbands and fathers," Levine said.

"A rich resource of legal scholarship needs to be developed which will provide the legal community and the judiciary with an intellectual framework which recognizes the right of women to be full and equal participants in every aspect of society."

Already, the legal profession is recognizing the resource which will be available to them through the work of the visiting

chairholder, Susan Boyd. Boyd has written extensively on feminist perspectives and analyses of law. She will focus her activities on interdisciplinary studies at UBC, and will co-operate with other institutions throughout the province.

"We are very enthusiastic," said Patrick Saul, of Alexander Holburn Beaudin & Lang. "We are one of the first law firms to actually institute a policy against sexual harassment and I believe that the Chair will provide a focal point for issues. A Chair of this kind in B.C. will make us leaders in the field."

Both Risa Levine and Lynn Smith have been delighted by the strong support for the Chair within the legal community. Many major law firms have made contributions, in addition to a significant contribution from Arthur Fouks, Q.C.

Fund raising committee members include some of the legal profession's most distinguished names, - Supreme Court Justices Frank Iacobucci, Beverley McLachlin and retired Chief Justice Nathan Nemetz, as well as federal MP Mary Collins, human rights activist Rosemary Brown, and many high profile Vancouver lawyers.

A recent Forum on Gender and Justice, sponsored by UBC as a fund-raiser for the Chair, attracted more than 170 participants.

First Nations Longhouse Grand Opening May 25

More than 1,000 people are expected to converge on the UBC campus to celebrate the Grand Opening of the First Nations Longhouse, May 25.

For the fascinated onlookers who have watched the progress of the longhouse under construction, there is unanimous agreement that the building is truly magnificent.

As a gesture of respect to the Musqueam Nation, the longhouse is constructed in Coast Salish style, almost completely in red cedar and featuring a swooping copper roof. Other unique characteristics are the four intricately carved house posts and two roof beams designed and carved by west coast artists.

The longhouse will be the second World of Opportunity Campaign building to open its doors. Donors to the building are Jack Bell, William E. and June Bellman, James and Ilse Wallace, P. Lawson Travel, and many First Nations bands and individuals from throughout the province. The Government of British Columbia matched contributions to the $4.9 million building.

A colourful ceremony will mark the Grand Opening, starting with a procession of dignitaries into the building through its ceremonial door. The procession will be led by First Nations students who will graduate that day, followed by Elders, major donors, Premier Mike Harcourt and university dignitaries. A traditional potlatch will follow the ceremony, along with dancing and other entertainment.

Since the 1970s, UBC has been working to increase the representation of First Nations students on campus through programs such as the Native Indian Teacher Education Program, the Native Law Program, the First Nations Health Care Professions Program and the Ts"kel Graduate Program.

The longhouse, the first of its kind on a North American campus, will provide a new focus for First Nations student activities, which will enable them to live and study in surroundings that reflect their culture and heritage.

Photo by Martin Dee

Elders Minnie Croft and Simon Baker and First Nations House of Learning Director Verna Kirkness admire houseposts in longhouse.

Lawrence appointed to chair

Richard Lawrence has been appointed to the **Chair in Mining and the Environment**, funded by Energy, Mines and Petroleum and the Ministry of the Environment, and the Cy and Emerald Keyes Charitable Foundation through the World of Opportunity Campaign.

Lawrence's research, in the Department of Mining and Mineral Process Engineering, will focus on the theory, prediction and control of acid rock drainage -- the most pressing environmental problem facing the mining industry today.

He will work in conjunction with other faculty members, the B.C. Acid Mine Drainage task force and the national committee of Mine Environmental Neutral Drainage (MEND).

Lawrence

Lawrence recently served as a vice-president and principal of Coastech Research Inc., a research and development company which conducted process and environmental testing and technological development for the mining industry.

Opportunity

The UBC Campaign News

UBC Development Office

Editor:
Debora Sweeney
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William Jamieson

THE UNIVERSITY OF BRITISH COLUMBIA

UBC GAZETTE

BOARD OF GOVERNORS' MEETING - MARCH 25, 1993

SENATE RECOMMENDATIONS

The board approved the following recommendations from Senate concerning changes in names of departments.

That the name of the School of Physical Education and Recreation be changed to the School of Human Kinetics.

That the name of the Department of Microbiology be changed to the Department of Microbiology and Immunology.

The board concurred in the establishment of the Stephen M. Drance Chair in Ophthalmology.

Enrolment quotas and controls for 1993-94, as recommended by Senate, were approved.

PROPERTY

Central Library Phase One

The Central Library Phase One—Design Development Report dated March 1993 was approved as the basis for proceeding to working drawings. In addition, the board requested that sufficient design work be done on the surroundings and forecourt of the library in order to fully explain the building in its context; and that all information be brought to the campus community in a public process for further input before the University proceeds to finalize the design and call tenders.

Thunderbird Housing

The board received a design development brief with respect to Thunderbird Housing. This housing project follows the guidelines of the approved Campus Master Plan and the University Policy on Student Housing. The principal elements of the project are as follows:

- Student housing units and support facilities for a mix of students who will live in shared townhouses, shared two-bedroom apartments and private one-bedroom and studio apartments.

- Underground parking spaces for use by residents of the new housing units, as well as residents of Totem Park Residence and Ritsumeikan/UBC House, which are both located just west of the site.

- Office and warehouse space for the Facilities Division of the Department of Housing & Conferences.

The Thunderbird Housing Design Development Brief dated March 1993 was approved as the basis to complete the contract documents and to call tenders.

FINANCE

Budgets

1993-94 budgets for the following ancillary enterprises were approved.

Athletics and Sports Services
Athletics and Sports Facilities
Educational Measurement Research Group
Student Housing and Conferences
  Housing & Conferences
  University Apartments
Telecommunications
Network Services
UBC Press
Media Services
Bookstore
Food Services
Parking

Rate increases for the following ancillary services for 1993-94 were approved on the effective dates noted below:

University Residences- May 1, 1993
University Apartments - (variable, depending upon occupancy date)
Residence Meal Plans- September 4, 1993
Parking & Security Services- September 1, 1993

POLICIES

The board approved the following policies, and the President's procedures for implementation and administration of the policies were noted. These policies can be found on page 42 of the newly published Policy and Procedure Handbook which will be given broad distribution on campus.

(1) Pest Control
(2) Consideration for Reappointment —Heads of Academic Units

OTHER MATTERS

Appointment

The board reappointed Dr. Barry C. McBride, Dean, Faculty of Science, as the University's voting representative to the WCUMBS (Western Canadian Universities Marine Biological Society) Management Council for the period May 1, 1993 through June 30, 1995.

Library

The board urged the administration, over the next five years, to ensure that measures are taken that would put The University of British Columbia Library into the top twenty of the ARL ranking.

The Board of Governors at its meeting of March 25, 1993 approved the following recommendations and received notice about the following items.

Robert Kubicek, Associate Dean, Faculty of Arts, July 1, 1993 to June 30, 1996.

Donald Paterson, Associate Dean, Faculty of Arts, July 1, 1993 to June 30, 1996.

Graeme Wynn, Associate Dean, Faculty of Arts, July 1, 1993 to June 30, 1996.

Keith Maillard, Acting Head, Department of Creative Writing, July 1, 1993 to August 31, 1993.

Sue Ann Alderson, Acting Head, Department of Creative Writing, September 1, 1993 to June 30, 1994.

Paul Mosca, Head, Department of Religious Studies, April 1, 1993 to June 30, 1998.

Elaine Stolar, Director pro tem, School of Social Work, February 1, 1993 to June 30, 1994.

Gordon Baskerville, Head, Department of Forest Resources Management, May 1, 1993 to June 30, 1998 and Professor, May 1, 1993 without term.

Cornelis van Breemen, Head, Department of Pharmacology & Therapeutics, March 1, 1993 to June 30, 1998, and Professor, March 1, 1993 without term.

Reza Vaziri, Assistant Professor, Department of Metals & Materials Engineering, January 1, 1993 to June 30, 1995 (joint with Civil Engineering).

Josephine Chiu-Duke, Instructor I, Department of Asian Studies, July 1, 1992 to June 30, 1993.

Kathryn Harrison, Assistant Professor, Department of Political Science, July 1, 1993 to June 30, 1995.

Hannu Larjava, Associate Professor, Department of Clinical Dental Sciences, July 1, 1993 without term.

Murray Goldberg, Instructor I, Department of Computer Science, April 1, 1993 to June 30, 1994.

Mark Greestreet, Assistant Professor, Department of Computer Science, July 1, 1992 to June 30, 1994.

Michael Gold, Assistant Professor, Department of Microbiology, July 1, 1993 to June 30, 1995.

William Mohn, Assistant Professor, Department of Microbiology, July 1, 1993 to June 30, 1995.

RESIGNATIONS

The board noted the following resignations.

Carole Christensen, Director, School of Social Work, January 28, 1993 (to continue as Professor).

Kent Daniel, Assistant Professor, Faculty of Commerce & Business Administration, January 15, 1993.

Rosemary Redfield, Assistant Professor, Department of Biochemistry, February 28, 1993.

UNIVERSITY OF BRITISH COLUMBIA - POLICIES AND PROCEDURES

SUBJECT: Administration of Policies

RESPONSIBLE VICE PRESIDENT: Vice President Academic & Provost
- Vice President Administration & Finance
- Vice President Student & Academic Services
- Vice President Research
- Vice President External Affairs

PURPOSE: To communicate the applicability and enforcement of policies contained in the UBC Policy Handbook, and to confirm authority for exceptions.

POLICY: The UBC Policy Handbook communicates policies and procedures which have university-wide application, and provides a basis for consistent and appropriate decision making on many issues.

Unless otherwise indicated within a specific policy or its procedures, policies and procedures apply to all members of faculty and staff and, where indicated, students at the University. Policies and procedures in the Policy Handbook are for the internal guidance of members of faculty and staff at UBC, and have no impact on the relationship with third parties unless expressly part of a contract with them.

It is the responsibility of all members of faculty and staff to familiarize themselves with the contents of the Policy Handbook and to conduct themselves accordingly. It is the responsibilty of all administrative heads of unit to communicate with those under their direction about the application of policies and procedures in their units, to ensure compliance, and to take appropriate action if problems arise.

PROCEDURE SUMMARY:

Members of faculty and staff are responsible for familiarizing themselves with the contents of the UBC Policy Handbook and for conducting themselves accordingly. Where policies or procedures in the UBC Policy Handbook are inconsistent with provisions in any existing agreement between the University and its faculty and/or staff, that agreement will prevail.

Administrative heads of units are responsible for the dissemination of the UBC Policy Handbook to all members of faculty and staff in their units. They are responsible for ensuring that the policies and procedures are appropriately communicated and applied in their units.

For advice on the interpretation or application of policies or procedures, including requests received for exceptions, administrative heads of unit should first consult with the person to whom they report, and if necessary, with the Vice President listed as responsible for the policy. In addition, the administrative head of unit may find it helpful to consult with the Department of Human Resources (in the case of an infraction by a member of the non-academic staff) or the President's Office, Faculty Relations (in the case of an infraction by a member of the academic staff). Authority to approve individual requests for exceptions rests with the Vice President responsible for the policy.

Procedures may be amended by the President, provided the new procedures conform to the approved policy. Such amendments are reported at the next meeting of the Board of Governors and are incorporated in the next publication of the UBC Policy Handbook.

DEFINITIONS:

An administrative head of unit is a Director of a service unit, a Head of an academic department, a Director of a centre, institute or school, a Principal of a college, a Dean, an Associate Vice President, the University Librarian, a Vice President or the President.

THE UNIVERSITY OF BRITISH COLUMBIA

April 22, 1993

Dear Colleagues:

The need for a clear understanding about the applicability and enforcement of all Board of Governors-approved policies as well as the authority for exceptions to them became evident during the several consultation sessions in the development of the Conflict of Interest Policy and Procedures.

It was felt a sensible approach would be to provide one statement which would apply to all policies, rather than to insert such a statement (or differing statements) into the text of each policy and accompanying procedures as they are developed.

Your comments/suggestions on the draft policy on Administration Of Policies are invited by May 5, 1993. Please direct them to Libby Nason, c/o the President's Office.

Yours sincerely,

David W. Strangway

Voice-mail opens door to jobs

by Gavin Wilson

Staff writer

Hello operator, help me find a job.

It won't quite work like that, but UBC will become the first institution in Canada to offer voice-mail job postings on May 1.

Students will have access to up-to-the-minute job listings 24 hours a day from any touch-tone phone, said Evelyn Buriak, director of Student Placement Services.

Employers will benefit by having a larger pool of qualified candidates that will be easier and faster to reach.

"The wonderful thing is that it is such a jump in service levels both to students and to employers," Buriak said.

Employers will still be able to post jobs in the conventional way for free, but Buriak is confident that most will want to take advantage of the voice-mail listings.

The fee for the service, an average of nine dollars, is more than competitive with classified ads, she said, and will be waived for the first month of operation.

The system was originally designed for San Francisco State University. With about the same number of undergraduates as UBC, SFSU is handling 30 new job postings and 1,000 calls from job-seeking students each day.

Although launched to coincide with the summer job search, UBC's voice-mail listing will be a year-round feature. It will be expanded in the fall to include corporate career recruitment.

"It has been very successful in California and I don't think it will be different here," Buriak said.

To reach the voice-mail job postings, employers can call 822-6522 and students can call 822-8668.

Abe Hefter photo

Air Time

Mad Melvin's Mountain Bike Challenge brought together 50 competitors in an obstacle course erected at the SUB plaza in March.

Classified

The classified advertising rate is $15 for 35 words or less. Each additional word is 50 cents. Rate includes GST. Ads must be submitted in writing 10 days before publication date to the UBC Community Relations Office, 207-6328 Memorial Road, Vancouver, B.C., V6T 1Z2, accompanied by payment in cash, cheque (made out to UBC Reports) or internal requisition. Advertising enquiries: 822-3131.

The deadline for the May 6, 1993 issue of UBC Reports is noon, April 27.

Miscellaneous

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For Rent

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Profile

Return to Africa

When Louise Jilek-Aall showed up on Albert Schweitzer's doorstep in Africa more than 30 years ago, he put her to work containing a measles epidemic. Now the clinical psychiatry professor is preparing to journey back to Tanzania, where she will continue her research into the high incidence of epilepsy in a mountain tribe.

Gavin Wilson photo

by Connie Filletti
Staff writer

In 1961, Louise Jilek-Aall needed a vacation. The 30-year-old Norwegian physician had just spent an arduous year dodging bullets as a Red Cross medical officer serving with United Nations forces during the Congo crisis.

Her decision made, she embarked on a boat trip that would take her around Africa before she returned to the interior of Tanganyika — now Tanzania — to continue her duties as a lone bush doctor.

But a week-long delay at Pointe Noire in the French Congo proved to be too much of an idle for Jilek-Aall.

"I discovered that Lambarene, Gabon was not far away," she remembered. "That's where Albert Schweitzer was working so I decided to pay him a visit."

Jilek-Aall arrived unannounced at the hospital built in 1913 by Schweitzer, whom she, as a young medical student, had watched receive the Nobel Peace Prize in Oslo. She planned to stay for a three-day visit.

Courteous but curious, Schweitzer asked her what she wanted. Unprepared for the question, Jilek-Aall blurted out that she wanted to learn how to extract teeth.

Schweitzer laughed approvingly, knowing the challenge of performing even the most common dental procedures in the bush. He put her to work assisting him with a measles epidemic instead. The three-day visit turned into three months.

"At the end of my stay, Schweitzer told me that he had hoped to repay the Norwegians for his Nobel Peace Prize instead of taking more help from them."

Almost 30 years after working in his African hospital, Jilek-Aall preserved her memories of him in a book published in 1990 entitled Working with Dr. Schweitzer: Sharing his Reverence for Life.

In the introduction to the book she wrote: "the kindness of the heart, deriving from his reverence for life, gave to Albert Schweitzer...the healing power he possessed and his ability to help people find meaning in life."

His example of being able to create what she describes as a basic feeling of trust and hope in everyone he met encouraged her, in part, to add psychiatry to her areas of specialization which already included tropical medicine and pediatrics.

Jilek-Aall had another compelling reason to study psychiatry. Her work in Tanzania led her to the Wapogoro, a mountain tribe which, she discovered, had a high incidence of epilepsy.

Noticing terrible burns many of the Wapogoro received during convulsive seizures, from falling into open fires used for cooking, precipitated her discovery.

"I couldn't understand it because these people were used to open fires. Because the tribe believes that convulsions are caused by evil spirits, it took months of work before people would confide in me as an outsider."

A brain disorder characterized by convulsive seizures, epilepsy is almost 10 times more prevalant in the Wapogoro than in European and North American populations. Jilek-Aall also found that 30 per cent of the tribespeople with epilepsy suffered from various psychiatric conditions.

She started a clinic in an effort to treat the illness, but was overwhelmed by the volume of epilepsy cases in the community.

A long discussion with a psychiatrist from Montreal at a psychiatric medical congress in Africa cemented her decision to return to the University of Zurich, where she had earned her medical degree, to study psychiatry and to immigrate to Canada.

Although her decision to leave was made with the hope of returning to Africa with a better understanding of how to help the Wapogoro, it was a difficult one for Jilek-Aall.

"I had really lost my heart to these people."

After concluding her studies at the University of Zurich, she and her future husband set sail for Canada in 1963. Both enrolled in Montreal's McGill University to pursue further psychiatric training.

Treating ethnic minorities became Jilek-Aall's psychiatric specialty. A speaker of seven languages, including some Swahili, she set out to do ethnopsychiatric field research in the Caribbean, South America, Thailand, Indonesia, New Guinea and South China.

Settling in B.C. in 1968, where she established a private practice, Jilek-Aall was confronted with a large number of Coast Salish clients who she found difficult to treat in psychotherapy.

"I concluded that the solution lay in developing an understanding of the First Nations' culture, a lesson learned from my mother, who, as an anthropologist, had studied folk medicine in Scandinavia."

In a decision reminiscent of her determination to study psychiatry to help the Wapogoro, she enrolled in UBC's Dept. of Anthropology and Sociology, graduating with a Master of Arts in Anthropology in 1972.

Three years later she joined the university's Dept. of Psychiatry in the Faculty of Medicine and immediately became involved in a new venture, the psychiatry outreach program.

It was a natural for Jilek-Aall, travelling to remote communities throughout the province such as Bella Bella to provide psychiatric services. She is still actively involved with the program, which, she said, reminds her of travelling and working in Africa.

Jilek-Aall's epilepsy research has also remained a challenge over the past three decades.

With a grant from the International Development Research Centre in Ottawa, she led a team of UBC scientists and African colleagues from the University of Dar-es-Salaam, to conduct field research among the Wapogoro last summer.

The team hopes that detailed social, medical and psychological histories, electroencephalograms and DNA studies of about 300 patients will provide some insight into why the Wapogoro have such a high incidence of epilepsy.

She also assisted with rebuilding the epilepsy clinic she established in Tanzania more than 30 years ago.

Jilek-Aall plans to continue the co-operative work between UBC and Tanzania, and hopes that this project might shed new light on certain forms of convulsive disorders.

Next year, she will return to her beloved Africa and the Wapogoro, and to the kind heart she left behind which continues to heal in her absence.

Alastair Bird photo

Authors Honoured

The third annual reception for UBC authors was held April 7 at the Graduate Student Centre. The reception, hosted by President David Strangway and University Librarian Ruth Patrick, honoured 110 UBC authors who had works published in 1992.

Environment program links arts and sciences

by Gavin Wilson

Staff writer

Students from the Arts and Science faculties will soon be sitting side by side in a joint program designed to give undergraduates a broad perspective on environmental issues.

Beginning in September, students will be able to enrol in first-year courses towards either a BA Honours program in Environmental Studies or a BSc Honours program in Environmental Sciences.

"These programs have been created in response to considerable student interest. I think we have provided the most coherent and integrated cross-faculty programs available anywhere," said Graeme Wynn, associate dean of Arts.

The BA program will be oriented to the social sciences and the BSc to chemistry, biology and the earth sciences, but both offer significant exposure to the other point of view. About one third of the course content will be common to both programs.

"Barriers between faculties have come down quite remarkably in the past three or four years," said John Sams, associate dean of Science.

The program will bring students together in a series of seminars to discuss local and global environmental problems from a variety of disciplinary perspectives.

In the second year of the program, students will go on field trips to get a first-hand look at problems such as logging in the Coquitlam watershed and debris flows into Howe Sound from the surrounding mountains.

In third year, interdisciplinary teams of students will study specific environmental problems in great detail. In fourth year, they will do group projects such as an environmental impact statement or a background paper for legislation — "something they might have to do in the real world," Sams said.

Enrolment will be limited to 24 students from each faculty in each of the last three years.

Forum

Native Fisheries: A Tangled Web

by Dianne Newell

Dianne Newell, an associate professor in the Dept. of History, has been researching West Coast fisheries, particularly the economic history of the salmon canning industry, since 1984. The following is drawn from her forthcoming book, Tangled Webs of History: Indians and the Law in Canada's Pacific Coast Fishery (U of T Press).

The latest move to bring together all Indian communities in the province in a fisheries framework agreement, or even simply to develop a co-ordinated fishing plan for the Indian groups on the Fraser River, failed miserably.

Under the circumstances, a consensus among B.C. Indian groups after more than 100 years of having no say in decisions about the fisheries is difficult to achieve.

Realistically, the federal government is increasingly forced to negotiate fisheries policy with individual bands and tribal councils. This process will be difficult and contentious, especially from a fisheries management perspective.

However the situation sorts itself out, this much is clear: a crucial internationally valuable marine resource, Pacific salmon, moves through the traditional territory of every B.C. Indian band occupying the Pacific slope. And the Indians, nearly all of whom have not signed treaties, show no signs of giving up their claims to aboriginal rights to occupy those territories and control the resources found in them. On the contrary.

So far, the state, the processing industry and non-Indian fishermen have mainly confronted these matters on the fishing grounds, in the media and in the courtrooms. No longer the back-room lobby effort it once was, the fishing industry's interest and involvement in controlling all aspects of Indian fishing is a well-funded, integral part of contemporary litigation.

In the Pacific Coast fisheries, as in other Canadian regional industries from northern fur trading to Prairie agriculture, the state's economic agenda for Indians has always been self-serving: promoting the economic self sufficiency of Indians but restraining them as a group from competing with non-Indians.

This historic policy has repeatedly led politicians and government administrators to disregard the special rights and interests of Indians, with or without treaties.

In the case of the Pacific fisheries, the government has regulated most aspects of Indian participation. It began by creating the "Indian Fishery," in 1888, as a strictly sustenance activity. The regulations have always treated the official Indian food fishery as a privilege, and most officials came to see it as nothing more than a welfare measure.

The policy cannot, and apparently will not, continue.

The conservation and management problems for the world's ocean fisheries are too enormous and will not be overcome on Canada's Pacific Coast without the co-operation of Indian people. The history of Indian involvement and struggles in the Pacific Coast fisheries suggest to me that this cannot happen unless the state is willing to accept the legitimacy and primacy of Indian interests in the fisheries, interests which, for all the stated policy towards Indians, have always been treated as privileges, not rights.

Newell

At the Supreme Court of Canada level, B.C. Indians have won judicial victories that will make it easier to get around federal fisheries policies by negotiating aboriginal rights to land and resources.

The 1973 Supreme Court of Canada opinion in Calder et al. v. Attorney General of B.C. established the possibility that unextinguished aboriginal rights existed in Canada, and therefore led to a federal policy of negotiating major treaties in the form of comprehensive claims agreements.

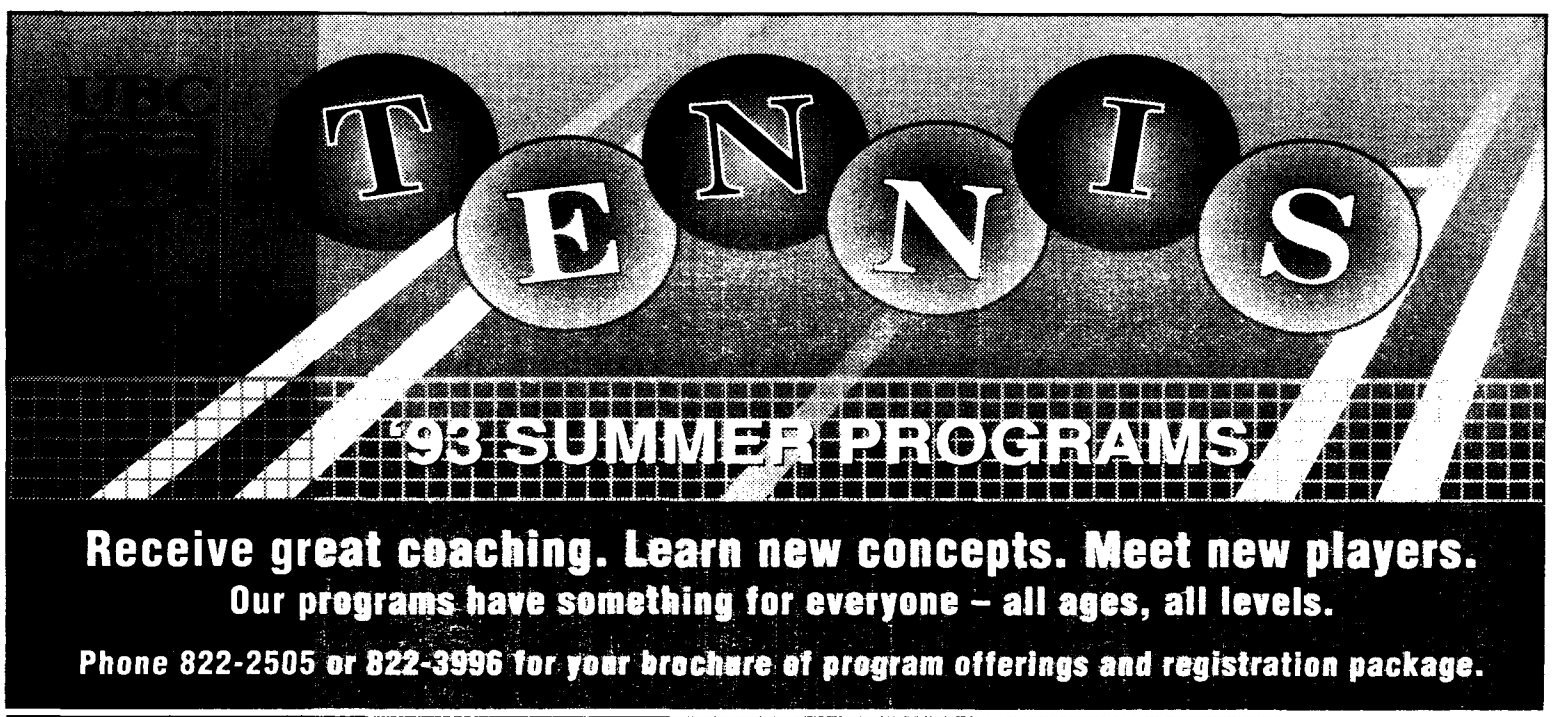
The Constitution Act of 1982 gave constitutional status to "existing" aboriginal rights.

In 1990, the revolutionary Regina v. Sparrow decision confirmed the priority of the Indian food fishery right, subject only to valid conservation measures, over the interests of other user groups. It also held that historical policy on the part of the Crown can neither extinguish the existing aboriginal right without clear intention nor, in itself, delineate that right.

But the Supreme Court cannot on its own bring about liberal social reform: it depends on politicians, office-holders and the public to carry out its decisions. When that support is missing, liberal court victories amount to little.

Looming on the horizon is the possibility the aboriginal self-government, unquestionably a complex and controversial proposition, will become a reality in Canada by the end of the 20th century.

It is quite reasonable to speculate that self-government with respect to land and natural resources will help Indians to regain the effective power over their economic destinies that Canadian policies and law have until recently been unwilling or unable to consider.



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