UBC Archives Serial
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UBC Reports

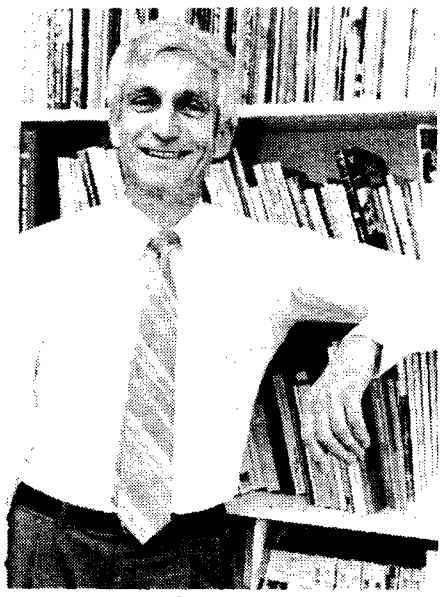
Volume 34 Number 11, June 9, 1988

VP, Registrar named

Miller, Spencer move to new postings

by Gavin Wilson

Miller



Spencer

UBC's Board of Governors has ratified the appointments of Robert Miller as Vice-President of Research and Richard Spencer as Registrar.

Miller, who replaces outgoing Vice-President Peter Larkin, takes office Sept. 1. Spencer takes over the currently vacant position of Registrar on Aug. 1. Both appointments are for five-year terms and were approved at the June 2 meeting of the Board.

Miller, 45, is a professor of microbiology who joined UBC's faculty in 1971. Dean of Science since 1985, Miller has also been head of the Microbiology Department.

"Dr. Miller brings to the Vice-President's position not only an excellent research record, but widely praised abilities as an administrator," said UBC President David Strangway. "We anticipate he will make an outstanding contribution to the university in this position."

Born in Elgin, Illinois, Miller received his doctorate at the University of Pennsylvania and later earned postdoctoral fellowships at the Massachusetts Institute of Technology and the University of Wisconsin.

At UBC, Miller is a member of Senate as well as several university committees. He has served as a private consultant to government and businesses.

"My goals are to be an articulate spokesman for research at the university, to defend long-term basic and applied research and to improve the existing research infrastructure," said Miller, who steps down as dean to take his new position.

The new Registrar, Richard Spencer, was an associate professor in the Department of Civil Engineering, Faculty of Applied Science. He joined the UBC faculty in 1968.

The 48-year-old New Zealand native earned his engineering degrees at the University of Auckland. He is known for his research on the effects of earthquakes on concrete building materials.

A former president of the Canadian Association of University Teachers, he has for a number of years been active in the UBC Faculty Association. He is a member of Senate.

"We're confident that the Registrar's office will continue to improve its services under Dr. Spencer's direction," said Strangway. Spencer and his staff will be reviewing recommendations of a major task force report on the office completed earlier this year.

"We're very pleased that someone of Dr. Spencer's calibre has taken on the job," said K.D. Srivastava, Vice-President of Student and Academic Services.

"I'm looking forward to working with the people in the Registrar's office," said Spencer. "I've worked with some of them on committees and elsewhere and found all of them to be very pleasant to work with. I feel very fortunate that I can assume the position in an office that is efficient and well-run."

The acting Registrar for more than a year has been Alan McMillan.

"Al has done a tremendous job for us," said Strangway. "I'd like to thank him very much for stepping in at a difficult time and putting in an incredible effort, particularly in getting the Telereg system off the ground."

Larkin is honored as University Professor

by Gavin Wilson

In recognition of his long service to UBC, the Board of Governors has appointed Peter Larkin, outgoing UBC Vice-President of Research, to the position of University Professor.

Larkin

Larkin is only the fourth UBC academic to receive the honor since it was instituted in 1965. The others are Roy Daniells, English; Charles McDowell, Chemistry; and Michael Shaw, Agriculture.

All University Professors were department heads or deans, noted scholars with extensive publications and many awards and had track records of outstanding academic leadership. The appointment is made before the age of 65 and when major administrative responsibilities are relinquished.

Since coming to UBC in 1955, Larkin has served as Director of the Institute of Fisheries, Head of the Department of Zoology, Dean of the Faculty of Graduate Studies, Associate Vice-President, Research, and Vice-President, Research.

He instituted the Office of University-Industry Liaison at UBC and is the principal architect of the university's Patent and Licensing Plan.

As a University Professor Larkin is now free to devote himself to scholarly interests and policy matters and to undertake teaching assignments in any faculty he chooses.

"The board is pleased to have this opportunity to recognize Dr. Larkin's many contributions to the university over the years," said President David Strangway. "His influence here will be a lasting one."

This latest accolade is one of many Larkin has received over the years. He has been awarded the Canadian Centennial Medal, the Queen's Jubilee Medal and the Fry Medal of the Canadian Society of Zoologists, among others. He has been a Fellow of the Royal Society of Canada since 1965.

Larkin's new appointment is effective Sept. 1.

Lefties' lot in life is pain and suffering

by Lorie Chortyk

UBC psychologist Stanley Coren has some bad news for southpaws.

Dr. Coren and University of California professor Diane Halpern have completed studies that suggest left-handers die earlier and are more prone to accidents than right-handers.

He says he's received angry letters and phone calls since he reported his findings.

"People heard bits and pieces of the results and thought I was saying all left-handers were doomed," says Coren. "What we did find was that after the age of 35, left-handed people were about 2 per cent more likely to die than right-handed people of the same age. In samples of 85-90 year olds it's almost impossible to find a left-handed person."

Coren and Halpern analysed the records of 2,300 deceased major league baseball players listed in the Baseball Encyclopedia.

"The baseball records were perfect for our study because they keep statistics on everything. We could look at the age a player died as well as if he was right or left-handed," says Coren.

Coren has two theories about why right-handers live longer.

"Birth traumas such as breathing difficulties, premature birth, prolonged labour and low birth weight are twice as common in left-handers as right-handers. It's possible that this group enters the world with a survival disadvantage."

Studies done in the United States suggest these birth traumas could be linked to medical problems frequently experienced by left-handers.

"Left-handed people are two to three times more likely to suffer from auto-immune diseases (in which the body's immune system attacks itself) than right-handers," says Coren. "They also suffer more frequently from severe allergies, sleep disorders and asthma."

Coren also believes left-handers are more accident prone.

He recently polled 1,898 UBC students to find out if they had suffered an accident requiring serious medical attention during the last five years.

"Forty-four per cent of the 180 left-handers polled had suffered one or more accidents requiring medical attention. Of the 1,718 right-handers in the study only 36 per cent had been involved in similar accidents," says Coren. "That's a significant difference."

The reason, believes Coren, is that most tools and machinery are geared to right-handers, who make up 87 per cent of the population.

Lotteries called 'a tax on fools' by U.S. mathematics lecturer

by Debora Sweeney

Odds are you won't find mathematics and statistics professor Sam Saunders playing the lottery.

The Washington State University academic is acclaimed as a lottery expert and says lotteries are "a tax on fools."

The odds of winning the Washington State Lottery, which is almost identical to Lotto 6/49, are about the same as flipping a coin and getting heads 23 times in a row, said Saunders.

He'll share his expertise at a lecture called "Great Expectations, or the true odds when playing lotteries" at UBC, June 18.

Saunders' interest was piqued about four years ago, when the state of Washington revamped its lottery and started a new game.

"They doubled the odds against people who play and it took five weeks before anybody won," said Saunders. "The jackpot was about $8 million, but by then, the lottery had generated a lot of media coverage and more people played. So, by lowering the odds, the Lottery Corporation made more money."

Still, Saunders says he's not trying to discourage people from buying lottery tickets.

"The return to the betting public is better than slot machines and it's about the same as the horse races," he said.

Saunders will speak to the Mathematical Association of America's conference, June 18, at 2:00 p.m. in the Angus building, Rm. 110.

UBC Reports summer publishing schedule

During July and August, UBC Reports will change to a monthly publishing schedule, appearing on July 14 and Aug. 4. The next issue will appear as scheduled on June 23.

For those wishing to place a notice in the Calendar, the new deadlines for July and August are: July 6 to appear in the July 14 issue and July 27 for the Aug. 4 issue. (Please check the back page for more information.)

CDs' new frontier may be a solution looking for problem

by Lorie Chortyk

Peter Simmons tells the story about a researcher who was trying to find a list of well-known Roman Catholic Canadians recently.

"It's almost impossible to come up with information like that because a person's religion isn't normally listed on a print or on-line computer index."

But surprisingly, a librarian came up with the list in about 30 seconds. The secret? Compact laser discs.

"The librarian had compact disc with an entire encyclopedia on it, and since each word on the disc was indexed, the names came up immediately," said Prof. Simmons.

Simmons

Publishing is the next frontier for manufacturers of CDs according to Simmons, who teaches the new technology to students in the School of Library, Archival and Information Studies.

"CD publishing is an explosive industry right now, with new titles coming out practically every day."

Simmons said CDs are superior to ordinary print, or on-line computer indexes for locating unusual information.

"CDs hold 550-million characters — the equivalent of 270,000 printed pages— so it's possible to include enormous amounts of text on a disc as well as indexes. This is helpful if you're tracing an obscure reference."

But Simmons has mixed feelings about the new technology.

"CD publishing is a solution looking for a problem at the moment. The vendors know the technology is possible but they're not sure what the market is.

"The demand for musical CDs has been so enormous in the past few years no one's had time to experiment with publishing until now," said Simmons. "It's easy to get caught up in the 'gee-whiz' aspect of the technology, but coming in at the early stage of any new technology can be frustrating, because in a sense we're guinea pigs for the industry."

Simmons said the advantages of CD publishing are speed and convenience. The drawbacks are cost (a year's subscription to an index on laser disc ranges from a few hundred to several thousand dollars), lack of standards for computer software and information that's often out of date by the time CDs are produced and distributed.

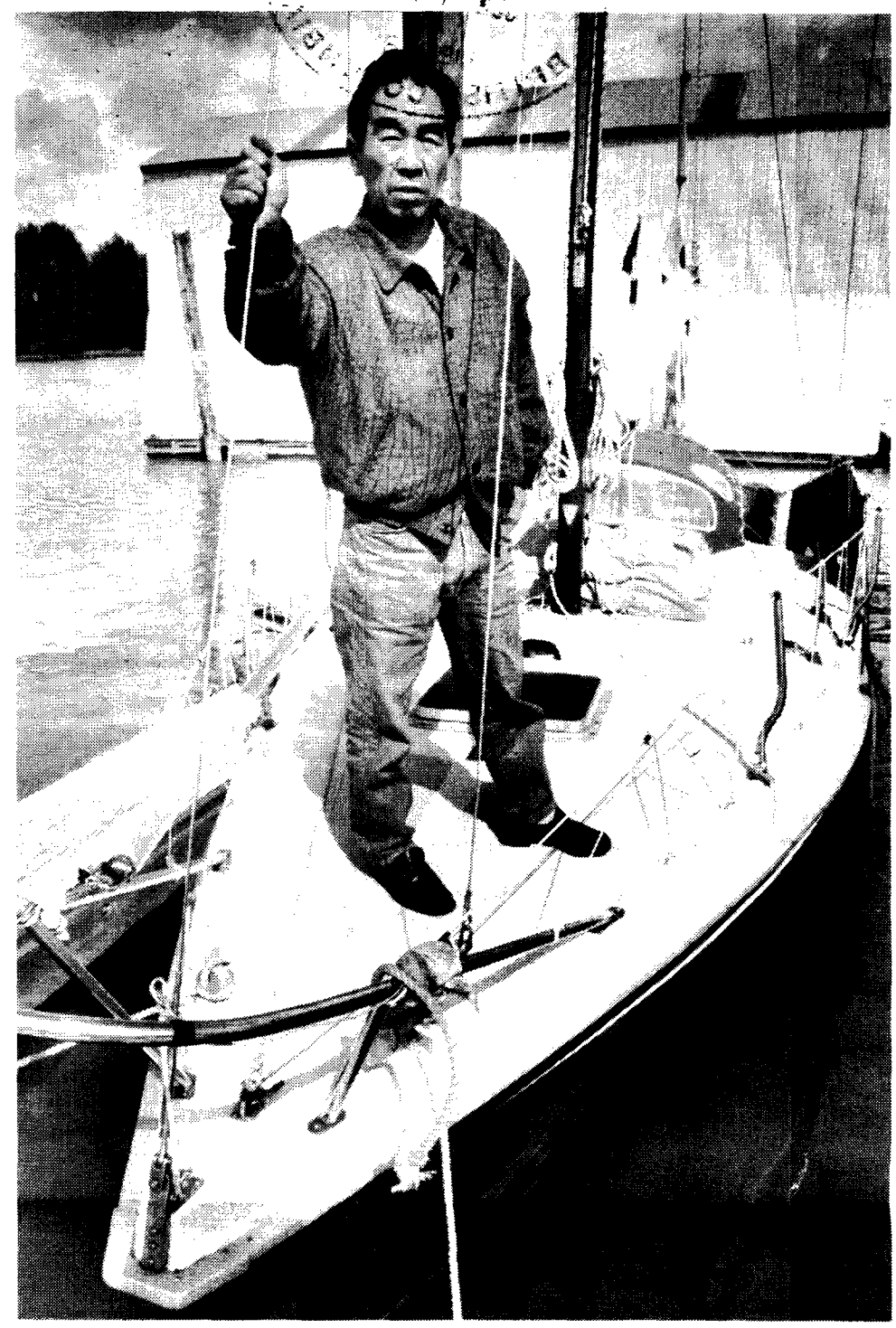
Simmons began seeking funds to buy CD equipment for the library school a few years ago.

"We could see the technology emerging and we wanted to give students hands-on experience with CDs," he said.

Last year, the U.S. publishing firm H.W. Wilson donated an IBM-PC, printer, and a compact disc drive. The school has received several laser discs through corporate donations.

CD technology is also now available in the Woodward Biomedical Library and in UBC's three off-campus teaching hospitals, assistant librarian Heather Keate said. UBC recently installed four sets of CD hardware to use MEDLINE, an extensive index of journal literature for the health sciences, now available on laser disc.

"We used to link up to MEDLINE through a computer in Bethesda, Md., and we're charged a user fee every time we signed on," said Keate. "The compact discs are expensive to purchase, but once you've got them you have unlimited use of the information."



Mamoru Arai stands on the sloop Tsubasa he has donated to the UBC Sailing Club. His son Takafumi, 23, sailed Tsubasa from Japan to Victoria by himself last summer, then was killed while cycling near Winnipeg on a cross-country journey.

Letters to the Editor

Lord Willingdon and wife?

Dignitaries identified

The Editor:

Re: the "unidentified dignitaries" photo in your May 5 issue, I'm fairly certain the dignified central figures are Lord Willingdon, Governor General and probably Lady W.

Willingdon was G.G. during 1926-31, and subsequently Viceroy of India.

Have I any seconders?

Sincerely,
John K. Friesen

PS. Congratulations to UBC on establishing the extensive Photo Collection.

UEL

The Editor:

I strongly disapprove of the attempt by the President of UBC to alienate nearly 400 acres of the Endowment Lands from what will otherwise become an incomparable urban woodland park for the entire Lower Mainland region.

The university ought not to be in the business of real estate development. Moreover, it is already sitting on a vastly underutilized campus of almost 1,000 acres.

If it insists on the development option, let it use what it already has. Let it build higher than its standard three storey structures and make better use of its huge parking lots, broad boulevards, extensive grassy aprons, and landscaped quadrangles.

Better to sacrifice lands already tamed than precious, wild greenspace. Otherwise, the university will be guilty of mismanaging what it has and then seeking to gut an unspoiled public park site. Remember that UBC has no legal claim on the Endowment Lands.

I'd also like to take issue with a letter printed in the May 5 issue of UBC Reports, which referred to urban population densities in Japan. It implied that, using the Japanese model, we in the Lower Mainland could absorb "at least two or three times our present population."

I must point out that the Japanese have shown themselves to be unlike almost every other society in their ability to tolerate massive concentrations of people without descending into the urban chaos of crime and social rot that abounds here in North America. To suppose that their ostensible resilience to urban population pressures can be imported to our own shores ignores an intervening sea of contrary cultural evidence, and seems dangerously naive to me.

Get our funding from the government, Mr. Strangway, and leave the park — all of it — for the people.

Rick Baker
UBC Bookstore.

Students in a trance go to top of this class

by Debora Sweeney

In Dr. Lance Rucker's dentistry class at UBC, going into a trance isn't frowned-on — it's a prerequisite.

Rucker teaches students hypnotic techniques to relieve the fear and loathing many patients endure in the dentist's chair.

"All students have hypnosis as part of their oral medicine course in third year. It used to be called the pain and anxiety course. In our section, we focus on the comfort and relaxation side," said Rucker.

"Given the choice of being comfortable or being in pain — the choice between being tense or relaxed — people gravitate toward that which is comfortable."

Some people are reluctant to get comfortable with hypnotism because they have misconceptions about what happens, said Rucker. They believe hypnosis means surrendering to the powers of somebody else.

"We're saying you're autonomous — you not only have the opportunity, but you have the power to be absolutely in control. You have the capability to set that up for yourself, or we can set it up for you."

Rucker uses hypnotic suggestion to encourage his own patients to take imaginary trips. Patients tell him they've been everywhere from skiing at Whistler to sunning in Mexico. Some hear whole symphonies.

"It's nicer to treat people who feel good," said Rucker. "My assistants will record a high level of enjoyment when hypnosis is used. After three hours of working that way with patients, they feel more energized and more relaxed. After three hours with people who are resistant to treatment and have high anxiety, you're absolutely exhausted."

While many of Rucker's patients are open to hypnotic suggestion, some of his students are skeptical.

"They did extremely well in academics for 16 years of their lives — they want hard scientific proof."

But, if his students are skeptical, many older dentists are not. Thirty-two dental professionals attended a recent lecture on hypnosis Rucker gave in Kelowna.

It's natural for people to feel anxiety in the dentist's chair because lying on their backs implies opening themselves to invited invasion, said Rucker.

"As long as the patient's in charge during the invasion, everything's fine."

Renovation set for Green house

Plans for a $1.5-million renovation of Cecil Green Park House were unveiled recently.

The renovations are made possible by a donation from Cecil Green's late wife, Ida, who left $2.5-million in her will for the upkeep of the house.

New floors will be installed throughout the 76-year-old building, woodwork will be refinished and a glass roof restored to the conservatory. A colonnade with skylights will replace the awning on the front of the house.

When work is completed next February, the house will also have access for the handicapped, a new heating system and improvements to the service wing including a new kitchen, washrooms and loading bay.

People

Davies named Thunderbird coach

Ron Davies has been appointed defensive coordinator of the Thunderbird football team replacing **Robert Laycoe** who left to become head coach at the University of Toronto.

Davies, formerly assistant coach with the Washington State Cougars, will be coaching full time at UBC. He holds a B.A. in Social Studies and Education from Washington State, and is one course away from a masters degree in elementary and secondary education.

"I should be finished by the end of the summer," said Davies, 29, who joined UBC in May.

The Thunderbird lineup for the coming season will rely heavily on returning players, Davies said.

"We want to build up an aggressive unit. It's going to be exciting to watch the team this year," he said.

Law professor **Donald MacDougall** was elected Vice-President of the International Society on Family Law at its recent conference in Tokyo. He was previously a member of the executive council. The theme of the conference — The Law and the Elderly — reflected a special interest of MacDougall's and he was a member of the program planning committee.

Michael Smith is the 1988 recipient of the Genetics Society of Canada Award of Excellence.

The award recognizes exceptional contributions to the science of genetics and related areas.

The award ceremony will be held during the International Congress of Genetics in Toronto, Aug. 23.

Smith

Peter Larkin, Vice-President of Research, has been named head of an independent study group examining the management of Strathcona Park.

Bruce Strachan, provincial minister of Environment and Parks, appointed the four-member Strathcona Advisory Committee in May.

Charged with finding a solution to the Vancouver Island park's complex land use and boundary issues, the committee is holding public meetings in 10 B.C. communities, including Vancouver.

It will evaluate issues such as the impact of boundary changes, the management of mine waste and the recreational value of the area.

Other committee members are: Frances Jones, chairman of Collmar Investments Ltd.; Roderick Naknakim, a Vancouver lawyer; and Jim Rutter, executive director of the Federation of Mountain Clubs of B.C.

Larkin has been actively involved in environmental and ecological issues through most of his career. He was a member of the recent provincially appointed Wilderness Advisory Committee which evaluated and developed management recommendations for a number of B.C. parks.

The Strathcona Advisory Committee is due to deliver a final report June 30.

A. Wayne Vogl, associate professor of anatomy, has won the Basmajian/Williams and Wilkins Award of the American Association of Anatomists. The award recognizes an outstanding teacher who is also actively involved in independent research.

Last year, Vogl was selected as the Outstanding Teacher in first year medicine by students at UBC.

John Yuille, professor of psychology, has won the first Robert E.Knox Master Award in Psychology.

The award was set up by the department in memory of Robert Knox who died in July, 1987 after a 23-year career of teaching excellence at UBC.

Yuille was nominated for the award by psychology students.

The B.C. Library Association awarded **Ann Turner** an Honorary Membership at its annual conference May 13.

Turner

Turner, a librarian at UBC since 1967 and currently Head of the Catalogue Records Division, was honored for her contributions to the financial management and administration of the BCLA. She became a member of the BCLA execu shortly after receiving her MBA from UBC in 1985.

Ottawa's fish policies criticized in study

by Lorie Chortyk

Poor management by the federal government is just one of the strikes against B.C. fishermen in their battle to keep the West coast fishing industry alive, says UBC sociologist Patricia Marchak.

Marchak is the co-editor, along with UBC colleagues Neil Guppy and John McMullan, of a recently published text on the B.C. fishing industry entitled Uncommon Property. The book highlights findings of a three-year sociological study conducted by a research team in the Department of Anthropology and Sociology.

"It's an uphill battle for fishermen," says Marchak. "On the surface, the problem appears to be that there are just too many fishermen for the number of fish out there, but there are a lot of other issues involved."

One of the problems, says Marchak, is that Ottawa's fisheries policies reflect the needs of Atlantic fishermen, leaving the West coast out in the cold.

"The situation is completely different here. Often the policymakers in the Department of Fisheries and Oceans don't understand the West Coast fishery, and they don't take into account the native rights issue on the West coast, or the complexity of the labor situation."

Marchak says another problem is that different arms of the federal government are producing conflicting policies.

"On the one hand you have Fisheries and Oceans restricting commercial fishing for conservation purposes, and at the same time the Department of Indian and Northern Affairs is negotiating a special deal to increase the number of licenses for native fishermen in the Prince Rupert region.

"There's no doubt that the native rights issue is an important one and it has to be dealt with. But I don't think you can hand over an industry to one group, no matter how exalted the cause, without considering how it affects other segments of the industry."

Marchak says many B.C. fishermen are willing to phase themselves out of fisheries and retrain in the aquaculture industry, but most are too burdened with debts to make the transition without government assistance.

"The federal government offered loan incentives to fishermen in the 1970s to upgrade their boats," says Marchak. "But then Fisheries and Oceans slapped restrictions on how many hours each vessel could be out catching fish, so it's been impossible for fishermen to pay off their loans.

"If these people are going to take time out to retrain and invest in aquaculture operations, they're obviously going to need help."

Marchak says commercial fishermen are also facing competition from sports fishermen for depleted salmon stocks.

"There's currently a push to give sports fishermen access to choice fishing grounds. I think this is something that will have to be examined carefully, because sports fishing is another form of commercial fishing. You still have the problem of fish stock depletion and there's no guarantee that it will make money for the province."

Conference aims to focus attention of teachers on Pacific Rim

by Debora Sweeney

Social studies teachers from across North America will shift their attention from the Atlantic to the Pacific at an international conference at UBC, June 22-25.

The conference, the first of a series of meetings held throughout the world in the 1990s, will focus on the Pacific Rim.

"The Pacific Rim is an area of the world many international affairs experts believe will be the centre of economic, political and cultural issues for the next several decades," said Donald C. Wilson, professor of social studies and conference organizer. "This conference will cause some people to rethink their reasons for what they have been teaching in the past."

Five-hundred B.C. secondary school teachers will meet with their counterparts from 14 countries, including the United States, the People's Republic of China, the Philippines, New Zealand, Australia, Japan, Fiji, Chile, Thailand, Singapore and South Korea.

Sessions include approaches for teaching controversial issues; Japanese reform of education; comparing Chinese and American schools; an overview of Asian women's historical contemporary roles; media and world outlook; technology and national education; and curriculum development in different countries.

A one-hour teleconference with panelists from the UBC conference and Washington, D.C. will be aired live on C-Span Public Television to 33 million homes in the United States.

The conference is sponsored by UBC, the United States Council for the Social Studies, the B.C. Social Studies Teachers' Association and the Washington State Council for the Social Studies.

The B.C. Ministry of Education contributed $90,000 for travel and attendance fees for the province's teachers.

Photo by Martin Dee

Fuelathon entrants from left Mike Bauche, Dave Eddy and Richard Stothers with Paragon.

Paragon's virtue is saving on gasoline

by Jo Moss

Paragon is a one-of-a-kind vehicle.

The electric blue, aluminum vehicle was UBC's entry in the 12th Annual Shell Canada Fuelathon competition held May 25-26 in Oakville, Ont.

Designed and built by about 25 UBC engineering students, the vehicle competed against 20 university and college entries from across Canada in an attempt to break a world record of 5,691 miles per imperial gallon of gasoline set by the University of Saskatchewan in 1986.

During the two day event, teams competed to see which vehicle consumed the least amount of gasoline in five laps of a measured, set course.

The 90-pound Paragon passed the qualifying trials, but didn't complete the test course due to mechanical problems. But the three second-year mechanical engineering students, Dave Eddy, Mike Bauche and Richard Stothers, who took it to Oakville, aren't disappointed.

"We put a brand new engine and transmission in this year and we wanted to test them out to see how they would perform," Eddy explained.

"It was also a good opportunity to spy on other entries," added Bauche, who was the driver because he is the lightest of the three.

They are confident that next year's design will be even better. This summer they will be building a new car out of a new material—Spectra 900, a composite developed at UBC.

"We expect to be able to produce a car that will get 6,000 miles to the gallon," Eddy said.

Computer project receives grant

Federal Justice Minister Ray Hnatyshyn is giving $233,000 to the UBC law faculty's Law and Computers project, taking its computer sentencing program one step closer to national use.

The grant will make the computer sentencing service available to judges and lawyers throughout B.C. for the next 18 months. It will then be evaluated to determine its potential for use elsewhere in Canada, said project director John Hogarth.

Using the system, judges can find in minutes information that ordinarily takes several days to track down in law libraries.

The service is already installed in the 10 largest courthouses in B.C. and is available to most of the province's 8,000 lawyers.

UBC Calendar

TUESDAY, JUNE 14

Research Centre Seminar

Cytogenetics of Human Placenta. Dr. Dagmar K. Kalousek, Pathology. For information call 875-2492. Room 202, Research Centre, 950 W. 28th Avenue, Vancouver. 4:00 p.m.

FRIDAY, JUNE 17

Paediatric Grand Rounds

Cystic Fibrosis: A Prototype Disease of Epithelia. Dr. J. Yankasas, Medical University of North Carolina. For information call 875-2537 or 875-2451. Auditorium, G.F. Strong. 9:00 - 10:00 a.m.

Economics Seminar

Topic TBA. Nicolas Schmidt, University of Western Ontario. For information call 228-2236. Room 351, Brock Hall. 4:00-5:30 p.m.

WEDNESDAY, JUNE 22

Office for Woman Students Workshop

Women Coping with Campus. A one-session program for women planning to enter UBC this fall after a break of five or more years in their education. Free. Pre-registration is required. For information call 228-2415 or drop in at Brock 203. Room 106 A, B & C, Brock Hall. 9:00 a.m.- 3:00 p.m.

FRIDAY, JUNE 24

Paediatric Grand Rounds

Oral Antibiotics for Paediatric Infections. Dr. J. Blumer, Paediatrics, Case Western Reserve School of Medicine. For information call 875-2437 or 875-2451. Auditorium, G.F. Strong. 9:00- 10:00 a.m.

Summer Dance

Sponsored by International House. A dance to welcome in the summer. Free. For information call 228-5021, International House. 8:00 p.m.- 1:00 a.m.

NOTICES

Free Guided Campus Tours

Bring your friends, visitors, community, school or civic group to UBC for a walking tour of the campus. Drop-ins welcome every Monday through Friday at 10 a.m. and 1 p.m.; 3 p.m. weekdays and weekend times available by reservation only. Groups will have the opportunity to see and learn about everything from the unique Sedgewick underground library to the Rose Garden and more. Tours commence at SUB and last approximately 2 hours in the morning and 1 1/2 hours in the afternoon. To book, call the Community Relations Office at 228-3131.

Stage Campus '88

Sponsored by the Theatre Department. June 29- July 9 at 8:00 p.m. Lulu Street by Ann Henry. Directed by Catherine Caines. For reservations call 228-2678. $5. Frederic Wood Theatre.

Neville Scarfe Children's Garden

Be sure to visit the Neville Scarfe Children's Garden located west of the Education Building. There is no charge to use the garden and it is open all year long. Families interested in planting, weeding and watering in the garden should contact Jo-Anne Naslund at 434-1081 or 228-3767.

Asian Research Exhibition

June 18 - 26, Monday to Friday 10:00 a.m.-5:00 p.m.; Saturday 10:00 a.m.- 8:00 p.m.; Sunday 2:00- 5:00 p.m. Vanity and Vexation of Spirit II. Anthony Luk. Exhibition of drawing, collage, photography, mixed media. Free. For information call 228-2746. Auditorium, Asian Centre.

Photo by Martin Dee

Campus tour guide, Peig McTague, shows elementary school students the rock and ore samples in front of the M.Y. Williams Geological Museum. The Community Relations Office offers daily tours of the UBC campus during the summer. The two-hour tours begin at the SUB each weekday at 10 a.m. and 1 p.m. Tours are available at 3 p.m. on weekdays and on the weekend by reservation only. A children's mini-tour has been designed for youngsters aged 6-12. Phone 228-3131 for more information.

Calendar Deadlines

For events in the period June 26 to July 16, notices must be submitted on proper Calendar forms no later than 4 p.m. on Wednesday, June 15 to the Community Relations Office, 6328 Memorial Road, Room 207, Old Administration Building. For more information, call 228-3131.
For events in the period July 17 to August 6, notices must be submitted no later than 4 p.m. on Wednesday, July 6.
For events in the period August 7 to Sept. 10, notices must be submitted no later than 4 p.m. on Wednesday, July 27.

Botanical Gardens Special Tours

Tour the Garden with David Tarrant and Friends. June 26 and July 31, 10:30 a.m., 12:30 p.m., 2:30 p.m. For information call 228-4208. Botanical Gardens, 6250 Stadium Road.

Language Programs

Three-week, non-credit, morning programs in French begin June 7, July 11, and August 2. All-day immersion programs begin July 11 and August 2. Three-week, non-credit, morning programs in Spanish, Japanese, Cantonese and Mandarin begin July 5 and July 25. Sunday May 29 all-day French conversational program. $60 includes lunch and dinner. For information call 222-5227

Special Issue on Africa and the French Caribbean

Contemporary French Civilization is pleased to announce the preparation for 1989 of a major special issue exclusively devoted to Francophone Africa (North Africa and Black Africa) and the Caribbean. Articles in English or in French, 15-20 typed pages long, must be submitted by March 1st, 1989, on any contemporary culture-civilization topic involving a country or a region of Africa, Madagascar or the Caribbean (including Haiti). For other Francophone countries, please check with the guest-editor beforehand. Contributions should be of high quality in socio-cultural, socio-political, artistic fields, etc., showing an original approach to some aspect of the cultural complex of African, Malagasy or Caribbean society of the past 20-25 years. For information call Dr. Claude Bouygues, African Literatures, French Department at 228-2879.

Job Link

Sponsored by the Alma Mater Society. Student run service linking UBC students with employers. We offer a prescreening and referral service. Our goal is to match employers with qualified students quickly and efficiently. Research positions welcome. For information call 228-JOBS. Room 100B, SUB.

Golf Lessons

Get into the swing of things this spring with Golf Lessons. Community Sport Services is once again offering Golf Lessons at the basic or intermediate level. The first set of lessons begin April 25th. Tuition waivers not acceptable. For information call 228-3688.

Copying in the Libraries?

Save time and money with a UBC Library copy card. $5 cards sold in most libraries; $10, $20 or higher cards in Copy Service, Main or Woodward. Cash/Cheque/Departmental Requisition. For information call 228-2854.

Fitness Appraisal

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Statistical Consulting and Research Laboratory

SCARL is operated by the Department of Statistics to provide statistical advice to faculty and graduate students working on research problems. For information call 228-4037. Forms for appointments available in Room 210, Ponderosa Annex C.

Language Exchange Program

Exchanging Languages on a One-to-One Basis. For information call 228-5021. International House. Office Hours 9:30 a.m.-4:30 p.m.

Walter Gage Toastmasters

Public speaking and leadership meeting, Wednesdays, 7:30-9:30 p.m. Guests are welcome to attend, ask questions, and participate. For information call Geoff Lowe at 261-7065. Room 215, SUB.

M.Y. Williams Geological Museum

Open Monday - Friday, 8:30 a.m.-4:30 p.m.. The Collectors Shop is open Wednesdays 1:30-4:30 p.m. or by appointment. For information call 228-5586.

Nitobe Memorial Garden

Open Daily 10:00 a.m.-8:00 p.m. May - August. Admission $1. Free on Wednesdays.

Botanical Garden

Open Daily 10:00 a.m.-8:00 p.m. May - August. Admission $2. Free on Wednesdays.

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Distant galaxies studied for clues to evolution of universe

by Gavin Wilson

A UBC astronomer is seeking clues about the origins of galaxies as he probes the most distant reaches of the night sky with a sophisticated instrument of his own design.

Dr. Paul Hickson is studying the evolution of galaxies through observation of some of the most far-flung and faint objects in the sky. He recently returned from the Canada-France-Hawaii telescope on 4,000-metre Mauna Kea in Hawaii with hundreds of images taken with his Universal Faint-object Instrument.

The galaxies he is studying are so far away their light takes five-billion years or more to reach our eyes.

"It's humbling to think that some of this light left before our solar system was formed," said Hickson.

Because this light is so long in arriving it allows earthbound observers the opportunity, in effect, to travel through time to view galaxies in various stages of development.

"We're trying to go back as far as we can. That's why we need the most sensitive instruments we can get," he said. "We're hoping to be able to see way back, to view the evolution of the universe. We could be approaching the point at which we see the formation of galaxies."

No astronomer has yet seen a primeval galaxy, but Hickson is hoping that with his UFI he will be able to detect such a swirling mass of hot gases in the process of creation.

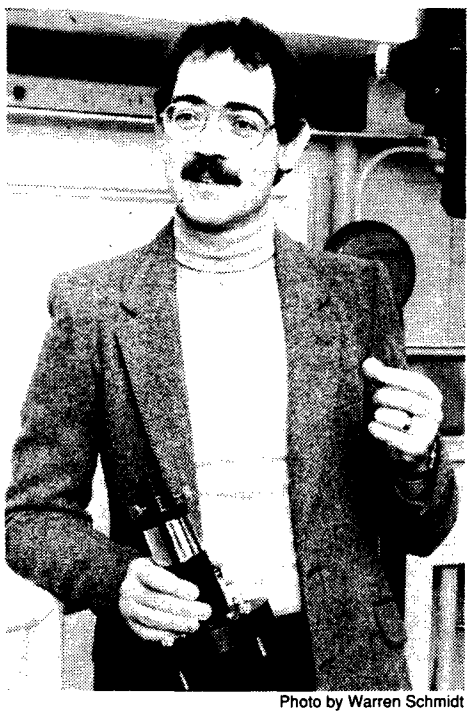

Photo by Warren Schmidt

Astronomy professor Paul Hickson

The UFI consists of two filter wheels operated by remote control and a series of lenses which further refine the image.

It operates in conjunction with a Charge Coupled Device, or CCD. These image-detectors are similar in principle to video cameras, but are much more sophisticated.

The UFI has two important advantages — a remote-controlled filter system, and a field of view four times larger than previously available, said Hickson.

Crowded sports facilities are subject of review

by Jo Moss

It may be easier for university intramural and intercollegiate teams to gain access to UBC's crowded sports facilities in the future.

The newly formed Athletics Facilities Study Group is reviewing the management of campus sports facilities with an eye to better coordination.

"There's tremendous variation in how the facilities are managed and up to now there has been little integration or long-term planning," said K.D. Srivastava, Vice-President of Student and Academic Services and study group chairman.

The War Memorial Gym, Aquatic Centre, Thunderbird Winter Sports Centre, Osborne Physical Education Centre, Thunderbird stadium, playing fields and tennis courts may be affected by study group recommendations. Once they are accepted by UBC President David Strangway, the recommendations will go into effect in either the 1988/89 or 1989/90 session.

Complaints about cramped and crowded campus sports facilities were received by a presidential task force that reviewed UBC's athletic programs and sports services last year.

Many faculty, staff and students regarded it as a critical issue, Srivastava said.

Part of the problem is that UBC's athletic and sports facilities do not fall under a single management or administrative unit. Independent facility management committees set user fees and collect revenue.

Srivastava said the study group will look at user group priority.

"Academic needs and UBC students' needs should be a high priority in terms of who uses the facilities," Srivastava said. "Perhaps use by people from off-campus should be on a cost-recovery basis."

The committee will also consider whether a portion of external revenue should go toward upgrading facilities. Although the university currently provides support funding, services and day-to-day maintenance to all sports and athletic facilities, "long-term maintenance sometimes falls between the cracks," Srivastava explained.

He said it is premature to talk about dismantling of the separate management committees.

"It may not come to that. There's no doubt the facilities are being managed well," he said.

Representatives from the University Athletic Council will sit on each facility management committee to create interim cross-linking until an integrated facilities management plan has been established, Srivastava said.

Members of the study group committee are Nancy Sheehan, Dean of Education; Jim Richards, Dean of Agricultural Sciences; Tim Bird, President of the Alma Mater Society; Chris Thomas, UBC alumnus and lecturer in the Faculty of Law; and Tricia Smith, law school graduate, practising lawyer and Rowing Silver Medal winner in 1984. Smith is a member of Canada's rowing team competing in the Summer Olympics in Seoul, Korea.