

UBC REPORTS

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UCBC report favors expanded engineering school at UBC, 850 more undergraduates

UBC's engineering school is looking forward to expanding to 2,500 undergraduate students from 1,650.

The move is the key recommendation in a report of the Universities Council of B.C. on engineering education in the province.

Applied Science Dean Martin Wedepohl said he welcomes the challenge to expand.

"It will mean," Dr. Wedepohl said, a "badly-needed updating of facilities and an increase in the strength of our faculty. We will be submitting details of what will be needed to meet the expansion to the Universities Council as soon as possible."

UBC's engineering school has been asked to develop immediately a proposed program of planning for the expansion which would include advice from UBC engineering alumni and the Association of Professional Engineers of B.C.

The total projected enrolment of 2,500 for UBC is estimated by UBC engineering school officials to be the "critical" size for it to achieve international repute.

The council's report, prepared by an ad hoc committee on engineering education chaired by Dr. P.R. Sandwell, said there is an urgent need to replace some of the obsolete laboratory equipment in use in the school.

Council members of the committee besides Dr. Sandwell were D.A. Freeman, Q.C., and J.D. Hetherington.

Non-council members seconded to the committee were R.G. Fraser, past president of the Association of Professional Engineers of B.C., MacKenzie McMurray, past chairman of Dominion Bridge Co. of Montreal, Dr. W.G. Schneider, past president of the National Research Council, and C.N. Simpson, past president, H.G. Acres & Co. of Toronto.

Copies of the council's report have been sent to UBC, Simon Fraser University and the University of Victoria for comment. Both UVic and SFU have indicated they want to establish engineering schools. At the moment, UBC has the only engineering school in the province.

The council's report says UBC should reach a total of 2,500 students "by the middle or latter half of the decade."

It also identifies UVic as the location for a second engineering school in the province and says UVic officials should continue with planning to establish one.

"The recommendation to proceed at that location," the report says, "will be

made by the Universities Council of B.C. when the need based on demand is clearly perceived."

The report also says SFU should continue to offer the first two years of an engineering program that enables students to transfer into accredited engineering schools elsewhere.

At the present time, a series of universities and colleges in the

province offer the first two years of engineering as a "feeder" system to UBC's engineering school.

The report says SFU has an excellent foundation upon which to build a third engineering school if and when the need arises. SFU should be encouraged to study a program of engineering science based on its present strengths in mathematics,

computing science, kinesiology and other sciences.

The report also says a survey should be conducted of high school and undergraduate engineering students on their attitude toward engineering as a career. This is to find out some of the reasons for the extremely low enrolment of British Columbians in engineering relative to other provinces.



Friends and associates of Dora Hart, centre, staged a surprise gathering in the UBC Faculty Club last week to honor the popular statistical analyst and office manager in the Office of Institutional Analysis and Planning. Dr. William Tetlow, left, director of the analysis and planning office, presented an Eskimo carving to Ms. Hart, to mark her early retirement after a 20-year career on the UBC campus. A special guest at the reception was Dr. Norman MacKenzie, right, who was UBC's president when Ms. Hart joined the UBC staff and who still takes an active interest in campus events at the age of 87.

Students warned, 'cheating is serious'

Caution. Candidates guilty of any of the following or similar dishonest practices shall be immediately dismissed from the examination and shall be liable to disciplinary action.

That's what it says on the cover of examination papers, and Registrar Ken Young has issued a reminder that cheating of any kind will be dealt with severely by the University.

"I am concerned that some students don't realize the gravity of the

situation," he said, "or the penalties that could follow."

The registrar noted that there is no restitution for cheating. "It can't be put back," he said.

Mr. Young also pointed out that the UBC Calendar states clearly the penalties for academic misconduct in the form of cheating or plagiarism.

"Both give faculty the right to assign a mark of zero," he said.

"Students registered at the

University of British Columbia are expected to behave responsibly and with propriety. Where a student fails to live up to these expectations, the University reserves the right, under the Universities Act, to take whatever action it deems to be warranted by the student's misconduct."

President Douglas Kenny said the University stands for truth.

"There can be no excuse for violation of the truth," he said.

ACROSS CANADA

Tuition fee increases of 10 per cent are planned at the University of Toronto. The increase, which must yet receive final approval, will maintain student tuition at 14.2 per cent of general university income, the same level as last year.

The new fee structure would increase tuition in the Faculty of Arts and Science to \$915. The most expensive academic area would remain

the Doctor of Medicine degree — \$1,198.

At the University of Waterloo in Ontario, a code of ethics about relationships between faculty, staff and students is about to be drafted by a presidential committee. The committee will look at measures to deal with sexual harassment, improper financial arrangements, or other situations in which it would be possible to misuse or abuse position or authority. The committee will be concerned with personal ethics rather than professional ethics, according to university president Dr. Burt Matthews.

In Quebec, the provincial government's decision to raise foreign student tuition fees will result in increases of 176 per cent. Fees will jump from \$1500 to \$4140. Foreign students already registered in Quebec universities will not have to pay the full foreign student fee immediately. Their fees will increase by \$1000 a year. Quebec universities and student groups are protesting the decision.

If we run out of trees we can always export education. At least, that's what

they're trying in Ontario, where the government has set up a crown agency to assemble packages of educational expertise for foreigners to buy. The Ontario Educational Services Corporation would provide teachers as well as curriculum development. "A highway project, a communication system, or a petrochemical plant might need operator and maintenance training to support the capital project — training capability that can be found within Ontario's educational system," says Ontario education minister Bette Stephenson. The agency is expected to be self-supporting within three years.



Hamming it up during 1st annual UBC faculty/staff golf tournament were five big-men-about-campus — 1956 vintage. Lead rickshaw puller is Ron Jeffels, with Malcolm McGregor assisting. The late Alec Wood is the passenger, with John McLean on the right wheel and Tom Hughes on the left. The 25th annual tournament will be held April 30 at the University course. Full information at 228-5407 or 228-3838.

Career films a success in schools

Three 20-minute UBC productions have become box-office hits in senior secondary schools and community colleges across the province.

They are video tapes put out by University counsellor Rob Groeneboer and Space and Audio-Visual's Tom Moore, and they are on Forestry, Mining and Mineral Process Engineering, and Metallurgical Engineering.

And Groeneboer said the response from schools and colleges to this form of career counselling has been terrific, despite minimal advertising.

"I'm sure we have sent cassettes to at least half of the school districts in the province," he said. "Some schools just use them and return them, but many schools or school districts have made copies so they'll always have them available."

There is no charge for the cassettes on loan but anybody asking for a permanent copy pays for the cost of the tape, plus \$10.

The full-color video tapes have high student appeal because they give young people a 'feel' for working conditions that is difficult to communicate in the traditional written form.

"Students can identify with real people in working situations that come to life before their eyes," said UBC counsellor Cheryl Brown.

The video tapes focus on the work environment, career options, job responsibilities, career progression, and academic preparation at the secondary school and university level.

Faculties, Schools or Departments interested in the use of audio-visual media to increase awareness of their programs among prospective University students can reach Rob Groeneboer at 228-4347.

Interested students are welcome to view the Forestry, Metallurgical Engineering, and/or Mining and Mineral Process Engineering tapes in the Counselling Centre, Ponderosa Annex F. Call 228-3811 to arrange a viewing time.

Child health talks published

A series of lectures sponsored by UBC's Department of Paediatrics during the International Year of the Child in 1979 has been published under the title *Child Health Strategies*.

The lectures were staged in honor of the late Dr. Sydney Israels, head of the UBC pediatrics department from 1964 to 1977, who died suddenly in July, 1978.

Eleven leading researchers and child health care experts from Canada, the U.S., the United Kingdom and France visited Vancouver to deliver the memorial lectures, which have been edited for publication by Dr. Roger Tonkin, assistant professor of pediatrics in UBC's Faculty of Medicine.

The published lecture series is available at \$5 through Dr. Tonkin, Division of Population Paediatrics, 250 West 59th Ave., Vancouver. V5X 1X2. Cheques should be made payable to UBC.

Garden exhibit produced

A note of interest for art lovers and green thumbs alike . . .

The UBC Botanical Garden has produced an art exhibition, entitled *Cloud Flowers: Rhododendrons East and West*, in celebration of the official opening of its Asian Garden component.

The exhibition features 47 watercolors of rhododendrons by 10 Canadian artists.

"UBC has an extensive collection of rhododendrons which have been selected and propagated for the past 25 years," said Rachel Mackenzie, a member of the art committee of the Friends of the Botanical Garden, (a group of volunteers who assist the garden with public events.)

"The 10 artists were invited to choose their own specimens from the UBC plants. The resulting paintings show great diversity in color and form."

Local artists contributing to the exhibit are Helen Griffin and Lyn Noble of Vancouver, Caren Heine of

Brentwood Bay and Mary Miles of Lions Bay.

Other artists involved in the exhibition are Robert Sinclair of Alberta, and E.J. Revell, Harriet Carter, Homer Moelchert, Sue Tabuchi and Roxann Smith of Ontario.

The exhibit opens May 5 at the UBC Fine Arts Gallery and remains here until fall. In September, it will begin a cross Canada tour extending from the Interior of B.C. to Charlottetown, P.E.I.

In addition to the stops in Canadian cities, the exhibit will be displayed at the Hunt Institute for Botanical Documentation in Pittsburgh, which requested permission to display the show.

This is the second show the Botanical Garden has produced. Last year an exhibit entitled *Plantae Occidentalis: 200 Years of Botanical Art in British Columbia* won critical acclaim across Canada.

GRANT DEADLINES

Faculty members wishing more information about the following research grants should consult the Research Administration Grant Deadlines circular which is available in departmental and faculty offices. If further information is required, call 228-3652 (external grants) or 228-5583 (internal grants).

May 1

- Alberta Oil Sands Tech. and Research Authority Research Contract.
- Bell, Max Foundation Research Grant.
- Distilled Spirits Council of U.S. Grants-in-aid for Research.
- NSERC: Strategic Grants Division Equipment Grant.
- NSERC: Strategic Grants Division Strategic - Open Areas.
- NSERC: Strategic Grants Division Strategic Grant.
- SSHRC: International Relations Division Grants to Canadian Scholars to Lecture Abroad.*
- World Wildlife Fund (Canada) General Research.

May 5

- Hamber Foundation Grant.

May 15

- Canadian Foundation for Ileitis and Colitis Research Grant.
- World Wildlife Fund (Canada) Arctic Grants.

May 29

- Science Council of B.C. Research Grant.

May 31

- Royal Society of New Zealand Captain James Cook Fellowship.
- Spencer, Chris Foundation Grants.*
- SSHRC: Strategic Grants Division Population Aging: Research Workshops.

* first time for grant.

Note: All external agency grant application forms must be signed by the Head, Dean, and Dr. R.D. Spratley. Applicant is responsible for sending form to agency.

Science Council gives more time

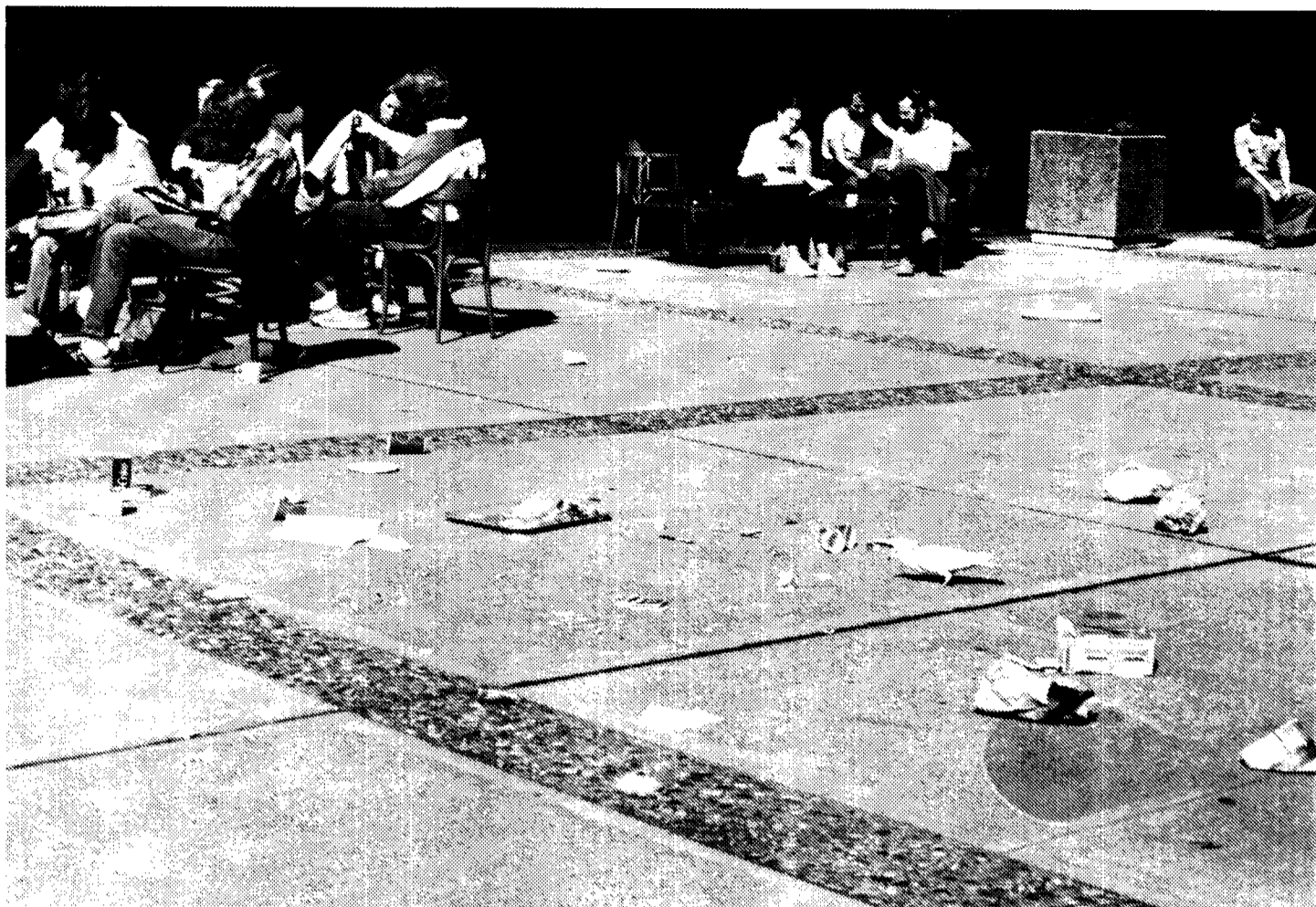
The deadline for nominations to the second annual Science Council of B.C. awards in science and engineering have been postponed to April 30.

The council offers awards in four categories - natural sciences, health sciences, engineering and applied sciences, and industrial innovation.

There are awards for senior researchers who have made significant contributions in their field and for younger investigators showing promise.

Winner of the first gold medal of the council last year was Prof. Harold Copp, discoverer of the calcium-regulating hormone calcitonin. Dr. Copp was former head of physiology in UBC's Faculty of Medicine.

Further information on award nominations can be obtained from Dr. M.A. Cairns, Science Council of B.C., 273-0788.



Garbage and dishes left lying around the Student Union Building plaza during sunny lunch hours have become a concern to members of the President's safety committee. At the committee's March 24 meeting, Mr. Herman Bless, a technical service co-ordinator in the Department of Physics, voiced his concern that dishes and garbage left on the stairs around SUB were a safety hazard. Committee members are urging people to use proper garbage receptacles and return dishes to the cafeteria to reduce health and safety hazards.

Special Education programs 'intense'

An increasing number of handicapped children are being integrated into public schools in the province and UBC is playing a major role in this development.

The University is providing many of the teachers who work with these children through three diploma programs offered within the Department of Educational Psychology and Special Education in the Faculty of Education.

Dr. Sally Rogow, head of UBC's diploma program in education of visually impaired children, said the integration can be very successful when there are good support services for the children in the schools.

"I think attitudes play a large role in how successful these children are in their integration into public schools," she said. "It's good for the children to come into a positive atmosphere with people who are trained to help them learn."

In addition to regular classroom settings, children with visual, hearing and mental disabilities are taught in special classes within public schools and in specialized centres.

The three diploma programs that UBC offers to train teachers in this field are one-year programs in education of the visually impaired, the deaf and the mentally retarded. It is preferred that applicants for the program hold a B.Ed degree but it's not essential.

"We didn't want to close the door on people who might be gifted teachers and have experience working with disabled children but who didn't have certification," said Prof. David Kendall, area co-ordinator for special education within the educational psychology and special education department.

The program for teachers of visually impaired children is the most recent of

the three. Dr. Sally Rogow began organizing it five years ago, and some of the courses were offered under the diploma program in learning disorders. It was offered for the first time as the program for teachers of the visually impaired in the 1979-80 academic year. It's the first university-level diploma program of its kind offered in Canada.

Students in the program do course work in curriculum and methods for teaching the visually impaired, orientation and mobility, braille and braille reading and related special education courses in language acquisition and development.

The program also emphasizes work with multihandicapped blind children. Student teaching weeks (15 in total) are spent in regular classrooms where a blind student is participating, special classrooms designed for multihandicapped blind students, hospital or agency settings, early intervention programs (where student teachers work with infants to develop learning skills), resource rooms and itinerant programs.

"The program is very intense," said Dr. Rogow. "Even when the students are out on practicum, they come back to the campus at 4 p.m. for afternoon and evening courses. What makes the program work is the selection of students. It's a matter of getting people who have a commitment to the field, people who are aware of the importance of the work."

The diploma program for teachers of the deaf was also the first of its kind in Canada when it began in 1968, although there are similar programs in other universities now.

Dr. Perry Leslie, who heads the program, explained the type of training students receive.

"They do an extensive practica in various settings. They work in public

schools in special classes, or in resource rooms to provide extra help for hearing-impaired children who have been fully integrated into a regular classroom. They also go to facilities such as the Jericho Hill School for the deaf or work with parents and infants in early prevention programs."

The program trains teachers to work with hearing-impaired individuals from infant age to post-secondary level.

"Most students pick a certain area they'd like to specialize in," said Dr. Leslie. "But they still have to do student teaching in all the areas, although they spend more time in their specialty area."

The teachers are trained in speech (lip) reading, development of speech, finger spelling, sign language and training hearing-impaired children to use their residual hearing.

"We want our graduates to be competent in all aspects of teaching hearing-impaired individuals," said Dr. Leslie.

The program for teachers of mentally retarded children, established in 1969, is headed by Prof. Bob Poutt.

Students in the program study various aspects of mental retardation, behavior disorders, curriculum for mentally disabled children and language development.

On their practica, the students work in settings such as special schools for the moderately retarded, preschool programs and workshop centres for the mentally handicapped.

"Graduates from our program are serving in centres all over the province," said Prof. Poutt. "They have been a major influence in the tremendous improvement in programs for the mentally handicapped that has taken place over the past ten years."

CITR and CJAZ vie for FM frequency

It will be a bit like David and Goliath on April 28 when the University radio station, CITR, goes up against CJAZ before the CRTC for the last available FM frequency in Vancouver.

CITR, non-commercial and operated by student volunteers, has been working for four years to get this application for a low power FM licence before the Canadian Radio-Television and Telecommunications Commission. CJAZ is the FM side of CKWX and is owned by Selkirk Communications Ltd.

Although CJAZ already holds a full power FM licence, their signal does not reach parts of the centre of the city because of technical problems with the transmitter.

"As CJAZ already possesses a licence and has the resources to solve this problem by other means (a 'repeater'), we feel their competition is unfair," said CITR station manager Hilary Stout. "To CJAZ, low power FM is the easiest, not the only, way out of their predicament."

CITR now broadcasts by three methods, none of which is satisfactory.

A closed circuit system serves the Student Union Building, but only the Student Union Building. Carrier current is supposed to put CITR in all the student residences, but in fact works for only a few floors in Gage. Finally, CITR can be heard on Cable FM throughout the city (provided your cablevision is hooked up to your radio).

Although FM Cable produces a much better signal than carrier current, which has a constant hum, it has a tendency to sound static in parts of Kitsilano and often fades in and out without warning.

"The majority of our listeners listen to us on Cable, and are frequently annoyed when for no reason our signal fades to nothing," said Stout. "On campus, the individual rooms in the residences are not provided with Cablevision, so cable is a useless means of broadcast."

"To improve our coverage on and off campus, we propose to install a low power FM transmitter and antenna system atop Gage East Tower. This would make a good-quality CITR-FM signal accessible to all campus residences and to students and community in the coverage area."

"The coverage area is defined as being in a radius from Gage Towers to as far away as Granville Street, but because of the location and height of Gage, we have been told that the area actually could be much larger and may encompass the entire city."

Stout, who is seeking the support of campus and off-campus groups for the CITR application, said the programming on the University station is unique.

"The music we play is not the kind of music you can hear on any other station in the city. We're non-commercial and our special programming is intelligent, well

thought-out, and pertinent to the concerns of the students and the community.

"Although we have big plans for our community and access programming, in our music lies our strength. We play albums that haven't yet been picked up on by commercial stations, albums that deserve notice but will never get aired on another station because they're considered too progressive. We offer local music, imports, classical music, jazz, blues — a varied and eclectic form of programming.

CITR, said station manager Stout, would broadcast from 8 a.m. to 1 a.m. seven days a week if granted FM channel 270 and would continue to be operated by volunteers.

"We intend to keep up our tradition of alternative programming, no matter what," said Stout. "If there wasn't a need for what only CITR can provide, we wouldn't have so many volunteers and so many listeners willing to go to all that trouble to tune us in."

She is seeking letters of support on CITR's behalf, with special reference to the matter of the CJAZ application.

"Such a reference is considered an 'intervention' against their application and would help us greatly."

Letters must be in the hands of the CRTC by April 8, and a copy should be sent to CITR on campus for its public file. Letters should be addressed to:

J.G. Patenaude
Secretary-General
CRTC
Ottawa, Ont.
K1A 0N2

On campus, it's Hilary Stout, CITR, Student Union Building. Telephone number is 228-3017.



Classical ballet comes to the University Friday and Saturday (April 3 and 4) and Pacific Ballet Theatre's spring offering of 'The Magic of Ballet' has been helped in no small part by \$750 grant from UBC Ballet Club. Pacific's artistic director, Renald Rabu, accepts the cheque here from club president Joanne Soga, while other UBC club members look on. Featured work Friday and Saturday will be *Creation of Eve*, a new ballet inspired by a print of the same name by Indian artist Roy Vickers. Old Auditorium is the locale, 8 p.m. the time, and tickets are available through SUB box-office, via Pacific Ballet at 669-5954, or at the door Friday or Saturday. (\$8 adults, \$5 students.)

Budget up for research

Medical researchers are clinking Erlenmeyer flasks across Canada as a result of increases in the Medical Research Council's budget.

The MRC's budget for 1981-82 jumps an unprecedented 22.3 per cent over the previous year to \$100.2 million. More than \$98 million will go directly to research. The MRC is the premier agency funding medical research in Canada.

Dr. John Dirks, head of the department of medicine in UBC's Faculty of Medicine, said the increase demonstrates a firm commitment by the Liberal Government to medical research.

"The increase last year over the previous year was a healthy 17 per

cent," Dr. Dirks said. "The two increases underline a seriousness on the part of the government that didn't exist for the previous decade or so."

Dr. Dirks, whose department received more research money from all sources than any other UBC department last year, is one of two UBC faculty members who are members of the council of the MRC. The other is Dr. Julia Levy of the microbiology department.

Dr. Dirks said credit for the increase should go to Health Minister Monique Begin, Justice Minister Jean Chretien, Treasury Board President Don Johnson, and Drs. Rene Simard and Pierre Bois, outgoing and incoming MRC presidents respectively.

This year's increase came at a time when researchers were in a gloomy depression as a result of the federal government's spending estimates tabled last month which included an MRC increase of only 7.9 per cent.

Dr. Sid Katz of UBC's Faculty of Pharmaceutical Sciences and chairman of the Canadian Federation of Biological Societies' science policy committee, said the 22.3 per cent increase came about as a result of interventions by the MRC presidents and Begin with Chretien and Johnson.

The immediate effect of the 22.3 per cent increase is expected to be a \$3-million increase in equipment grants, a 10 per cent increase in support of new grants, an increase to existing grant-holders to cover some of the effects of inflation, more scholar awards for young faculty members, more studentships and fellowships which will hopefully encourage students to pursue medical research as a career, and increased activity in areas of national health research priorities, including geriatrics and perinatology — the care of infants before, during and after birth.



UBC's top public speaker for 1980-81 is third-year Commerce student Donald Hayes, left, who collected a \$200 cash prize and award named for Dr. Ralph Yorsh, centre, a sessional lecturer in UBC's Faculty of Dentistry and the prime mover behind the campus chapter of Toastmasters' International, which he organized in 1978 and which now boasts a membership of 40 students and faculty members. Third-prize winner in the annual speaking competition was Tom Valentine, right, a second-year political science student in Arts. Dr. Yorsh was a recipient of a Mentor's Certificate from Toastmasters' International at the March 19 awards night in the UBC Graduate Student Centre. Unable to be at the awards banquet was second-year Arts student Dave Wizensky, who won second prize in the speaking competition.

Centre to host 200 groups

What do the United Nations Association, the International Union of Pure and Applied Chemistry, the Vancouver Early Music Society and the Association for Handwriting Analysis have in common?

Each of these organizations will be on campus this summer for meetings organized through the UBC Conference Centre.

Ann Chasmar, marketing manager for the Conference Centre, said over 200 groups will be using the campus from May till the end of August.

"In May and June we host primarily school groups, associations and corporate training groups," she said. "Academic associations and international organizations tend to prefer July and August for their meetings. The groups range in size from 20 to 2,000 people."

Groups attending conferences at UBC are housed in the Walter Gage Residence and sometimes Totem Park Residence. About 40 students are hired for the summer to help with housekeeping, reservations and front desk duties.

Although the conferences take place from May to September, the Conference Centre staff is just as busy the rest of the year, doing the extensive planning that's necessary if the summer months are to run smoothly.

"The larger conferences are usually planned one to two years in advance," said Ms. Chasmar. "Meeting planners come to UBC to view the facilities and our conference co-ordinators have a series of meetings with them to determine their needs. We then reserve the required space and services on campus. A lot of our work involves advising groups on the most efficient way to run their conference or meeting."

Suzanne Jackson, Maureen Ponton and Ingrid Pinel are the Conference Centre co-ordinators. In addition to meeting with group organizers, their work entails contacting potential clients and letting them know what UBC has to offer as a conference site.

"We don't consider having to 'sell' UBC as a conference location," said Ms. Chasmar. "With the versatility of conference facilities plus the unique attractions of UBC, we have something very different to offer."

Most of the groups that come to UBC for conferences are from Canada, but there is also a high percentage of groups visiting from Japan, the U.S. and European countries. Ms. Chasmar said there is a growing interest from Pacific Rim countries in the use of Vancouver as a convention destination and the Conference Centre hopes to play a major role in hosting their meetings and conferences.



UBC's top women athletes for 1980-81 received their awards at the annual Big Block Awards and Reunion Night in the Faculty Club March 24. Left to right are: Anne Crofts, Physical Education 3, winner of the Joan Livesay Award and who also represents the women's team of the year, field hockey, winners of the DuVivier Award; gymnast Patti Sakaki, physical education 2, who became the first UBC woman ever to win the Sparling Trophy as UBC's top woman athlete for a second time; Kathy Armstrong, Home Economics 4 and Georgina Gray, Physical Education 4, who share the Kay Brearley Award for service to women's extramural athletics and are also members of the team of the year; and Debra Knight, Education 4, who was awarded the Barbara Schrodtr Trophy for contributions to the women's athletic program as a participant and administrator.



Sharing the Bobby Gaul Trophy as UBC's top male athletes for 1980-81 are rugby player Robin Russell, left, and ice hockey player Jim McLaughlin. Russell, a graduate student in Physical Education, and McLaughlin, who will graduate with his Physical Education degree this year, were awarded the coveted trophy at the 68th annual men's Big Block banquet at the UBC Faculty Club March 19. The trophy, presented annually since 1936, perpetuates the memory of Bobby Gaul, a track and rugby athlete who died in 1935. Winners have achieved excellence in athletics combined with sportsmanship and high academic standing.

NEW AWARDS

Chan Fong Gan Au Memorial Scholarship — A scholarship in the amount of approximately \$1,350 has been endowed by K. Tong Au and family in honor of his mother, Chan Fong Gan Au. The award will be made to a student of Chinese ancestry entering the Faculty of Arts from Grade 12. In making the award, preference will be given to a student demonstrating financial need.

C.W. Roberts Memorial Scholarship — A scholarship fund was established by family and friends in memory of Dr. C.W. (Bob) Roberts who for 18 years was a devoted teacher and scientist in the Department of Poultry Science, Faculty of Agricultural Sciences. The annual scholarship in the amount of \$150 will be awarded to a student in the Department of Poultry Science undertaking a program in genetics or management. The award will be made on the recommendation of the Department of Poultry Science.

Murray Stratton Memorial Fund — A scholarship in the amount of approximately \$200 has been made available by his friends and associates, in memory of Murray Stratton, who was at the time of his death, program director for health with the Canadian Council on Social Development. The award will be made on the recommendation of the department to a student in the Health Services Planning program.

UBC professor to head institute in Athens

A higher profile for Canada in Greece is one of the aims of Dr. Hector Williams, a 35-year-old UBC faculty member who will take up an appointment as the first director of the Canadian Archeological Institute in Athens on Sept. 1.

In addition to encouraging more Canadian archeological and scholarly activities in Greece, Dr. Williams will be closely associated with the Canadian embassy in Athens as a sort of cultural attache.

In this latter capacity, the UBC associate professor of classics has already been in touch with the Provincial Museum in Victoria and the UBC Museum of Anthropology to explore the possibility of staging a display of Northwest Coast Indian art in Greece. An exhibition of Canadian Eskimo art is another possibility.

Topping Dr. Williams' priorities, however, is to get more Canadian excavation going in Greece, even though permits are becoming harder to obtain.

"The Greek government," he said, "will issue excavation permits only to those countries which have an institute functioning there. Canadian groups have done some work there in the past, but only because they were able to get a permit through an existing institute.

"There's a University of Toronto team excavating a Minoan town at Kommos on the island of Crete now under a permit obtained through the American School of Classical Studies."

Another difficulty is the escalating costs of excavation. "In 1968, workmen were paid \$5 a day for work at an archeological site," he said. "Today, they're getting \$42 a day."

Dr. Williams' involvement with the Canadian embassy in Athens stems from the considerable financial contribution which the federal Department of External Affairs is making to the operations of the new Canadian institute on the understanding that the director will



Dr. Hector Williams and classics department model of ancient Minoan palace.

look after Canadian cultural interests in Greece.

The Social Sciences and Humanities Research Council of Canada is putting up \$125,000 over three years for the support of the institute and additional support will come from several hundred Canadians who are members of the institute and from Canadian companies doing business in Greece.

"The Bank of Nova Scotia has made a financial commitment for five years," said Dr. Williams, "and Dennison Mines, which has the oil exploration rights in the northern Aegean Sea, will also be contributing."

Thirteen Canadian universities are also making grants to support the institute.

The prime mover and fund raiser for the Canadian institute is Hamilton Southam, a member of the well-known Canadian newspaper family, a former Canadian ambassador to Poland and the founder and for 12 years director of the National Arts Centre in Ottawa.

The institute, Dr. Williams said, has existed only on paper for the past five years and would have "withered on the vine" had it not been for Mr. Southam's efforts in encouraging national support for the development.

The search for a building to house

the institute in Athens has already begun. Susan Young, a graduate student from Halifax currently serving as assistant director, is on the lookout for a building to house a library, offices and possibly a small apartment for the director.

Dr. Williams, who was raised and educated in Fort Churchill, Manitoba, and Fort Smith in the Northwest Territories, is no stranger to the world of classical archeology.

He's visited the eastern Mediterranean regularly since 1965, studied at the American School of Classical Studies from 1968 to 1970 and took part in three of that school's Greek excavations.

Since 1970, Dr. Williams has been involved in a Turkish excavation project under the direction of Prof. James Russell, a classics department colleague.

They've supervised the excavation of some of the major buildings and restored ancient art found in the ruins of Anemurium, a city on the south coast of Turkey which flourished as part of the Roman and Byzantine Empires until the 7th century A.D.

The actual physical work of the excavation is complete and the two archeologists are now preparing material on their finds for classical journals. In addition to his duties as institute director in Greece, Prof. Williams will also continue to work on material gathered at another Turkish site and at a Greek excavation.

Dr. Williams, who will be on leave of absence from his UBC duties to get the Canadian institute underway, will be accompanied by his wife, Caroline, herself a classical archeologist.

She's been awarded a two-year, postdoctoral research fellowship by the Social Sciences and Humanities Research Council to study Roman monumental street architecture in the Mediterranean.

All of which makes the Canadian Archeological Institute in Athens something of a family affair.

CAMPUS PEOPLE

Prof. Mark Boulby of UBC's Department of Germanic Studies was the recent recipient of the degree of Doctor of Letters (Litt.D.) from his alma mater, Cambridge University in England.

The degree, which is offered only to Cambridge graduates, must be applied for and involves an exhaustive assessment of the applicant's publications over a period of 18 months. Prof. Boulby has published extensively on topics related to modern and 18th century German literature.

He also holds the degrees of Bachelor and Master of Arts from Cambridge. He obtained his Doctor of Philosophy degree from the University of Leeds.

Dr. Gordon A. Walter, an associate professor in the Faculty of Commerce and Business Administration is the 1981 winner of the Talking Stick Award established by the faculty's alumni division.

The winner of the award, a handsome talking stick carved by

Indian artist Peter Charlie, is chosen by the commerce faculty's teaching development committee for outstanding pedagogical, course or program innovation or developmental work.

The award to Dr. Walter recognizes a decade of creative contributions to course and program development for graduate and undergraduate students.

After taking over the faculty's public speaking course, Dr. Walter wrote a manual for student use and introduced an annual contest which has become a significant faculty and student event. He's also used audio and videotape feedback techniques for innovative teaching and has been instrumental in reshaping the first-year MBA program.

Honorable mention in the Talking Stick Award competition went to another commerce associate professor, Peter Frost, who was chosen for the commerce faculty's 1981 Teaching Excellence Award by the student evaluation committee of the Commerce Undergraduate Society.

Dr. Frost was chosen from ten nominees by the student committee, which interviews students, evaluates written submissions and visits classrooms.

The committee was impressed by

Dr. Frost's effective use of teaching aids, innovative methods of presentation, concern for student comprehension and his consistently high teaching standards over the years.

Teaching Merit Awards went to three other commerce faculty members — associate professor Dr. Bernard Schwab and instructors Gerald Smeltzer and Frank Taylor.

Dr. Douglas Piteau, a visiting associate professor in the Department of Geological Sciences and a leading figure in the Vancouver geotechnical consulting firm of Piteau and Associates, has been awarded the Clare P. Holdredge Award of the Association of Engineering Geologists for a paper judged to be an outstanding contribution to the geology profession.

Paul Thiele, director of UBC's Crane Library for the blind, has been named to a 16-member provincial committee to administer the activities of the International Year of Disabled Persons in B.C.

One of the committee's first tasks will be to finalize terms of reference for the IYDP, including criteria for grants. Offices in Victoria and

Vancouver have been opened to support a \$3 million program funded by the provincial government.

A major activity of the IYDP will be to co-ordinate and publicize all information on existing government programs for the disabled and to make recommendations on the scope and nature of activities and grants.

Provincial education minister Brian Smith has announced that Jericho Hill School for the Deaf will remain the central educational facility in B.C. for hearing-impaired children following receipt of a report by a seven-member committee chaired by UBC associate professor of social work Ben Chud.

The committee was established by the provincial government to consider whether Jericho was the best facility to meet the needs of deaf children or whether consideration should be given to replacing it.

The committee held hearings in various parts of the province and also received written and oral briefs. The government accepted recommendations that an advisory board to the school be appointed and that further work be undertaken in developing a curriculum for the hearing-impaired.

No admission test in English

UBC's Senate wrote another chapter in March in its five-year history of wrestling with the so-called "literacy problem," which boils down to an inability on the part of some students to display competence in the use of English.

At its regular meeting on March 18, UBC's academic parliament approved a recommendation from its admissions committee not to adopt an independent test of students' writing ability to use in admitting students to the University.

The effect of the motion is to relieve the admissions committee of a November, 1979, Senate directive charging it with a continuing search for a writing-ability test.

The committee's recommendation not to adopt a writing-ability test for students seeking admission to UBC was largely based on an exhaustive analysis of the performance of the 1979-80 English 100 class, the first that did not have the benefit of remedial composition sections operated by the English department.

The remedial sections were dropped by Senate on the grounds that secondary school-level instruction in basic composition "is not a proper function of the University."

(Students admitted to UBC who clearly have problems in composition are now counselled by the English department to enrol in remedial workshops organized by UBC's Centre for Continuing Education, which means an additional tuition fee of \$150.)

The analysis of performance by the 1979-80 English 100 class was preceded in April, 1980, by a progress report from the admissions committee, which described how it had consulted with interested parties both inside and outside the University; defined a generally accepted criterion for literacy ("satisfactory completion (preferably in the first year) of English 100...and the (English department's) composition examination"); and set out the pros and cons of adopting an internal or external admissions test to measure a candidate's basic competence in English composition.

The admissions committee's analysis of the performance of the 1979-80 English 100 class which came before Senate March 18 disclosed that 2,275, or just under two-thirds of the 3,444 students who enrolled for the course, passed it.

Of the remaining 34 per cent, some 671 students (19.5 per cent) failed the English 100 exam and 498 (14.5 per cent) did not write, were assigned a deferred status, or "simply disappeared," according to Prof. Bob Smith, UBC's associate vice-president, academic, and chairman of the Senate admissions committee.

When the class performance was further analysed statistically, it was found that the best available predictors of success in English 100 for entering students were the grade 12 English mark and the high school grade point average.

Just over 80 per cent of the students who received a C+, B or an A in grade 12 English passed English 100. The chances of passing English 100 were almost cut in half for those students who entered UBC with a pass or conditional standing in grade 12 English; only 47.8 per cent of these

students passed English 100.

The committee also presented correlation coefficients, a measure of the degree of relationship between two sets of numerical scores, between 1979-80 English 100 performance and grade 12 English marks, the high school grade point average and seven other grade 11 and 12 subjects.

Topping the list was the grade 12 English mark, which yielded a correlation coefficient of 0.42 (1.0 is a perfect correlation). The next highest correlation coefficient was the student's high school grade point average - 0.35.

Correlation coefficients for all other grade 11 and grade 12 subjects ranged downward from grade 12 biology at 0.26 to grade 12 mathematics at 0.10.

Yet another interesting aspect of the admissions committee's analysis centered on the predictive value of the English Placement Test of the provincial Ministry of Education, which is administered annually to all high school students who plan to seek admission to post-secondary education.

The UBC committee's analysis clearly shows that the EPT would be a good predictor of success in English 100.

The provincial government, however, has barred the use of EPT results in making decisions about the admission of first-year students to university.

All of which led to the recommendation, approved by Senate, not to adopt an independent, writing-ability test for use in admissions and to relieve the admissions committee of its task of searching for an appropriate test.

The principal speaker in the debate which followed presentation of the report by Prof. Smith was Rev. Paul Burns of St. Mark's College, a member of the Senate ad hoc committee on standards in English.

He supported the admissions committee's motion and urged that the committee monitor the performance of next year's entering class in English because it would be the first class subject to UBC's higher entrance requirements.

He said the committee should measure the impact of the higher entrance standard on the success rate in English 100 and report the results to Senate.

Prof. Smith said he was reluctant to make commitments for the new admissions committee which will be formed when a new Senate takes office in April, but added that it was his personal view that such an analysis should be carried out.

All of which means that Senate has probably not yet heard the last shot fired in the continuing debate on student literacy.



Birthdays and 17th anniversary as UBC employee came on March 19 for Norm Housden, assistant accountant of finance department. Co-workers in finance provided cake for double celebration.

Commerce cuts back to 850

A proposal to limit first and second-year enrolment in the Faculty of Commerce and Business Administration to 850 students was approved by the University Senate March 18.

Enrolment this year is 950, of which 425 are in first year.

If the proposal approved by Senate is sanctioned by the Board of Governors, the 1981-82 first-year ceiling will be 375 students and the second-year limit 475.

Dean Peter Lusztig said his faculty was concerned about limiting enrolment but said the cutbacks were essential if standards of education within the faculty were to be maintained.

"Commerce has the largest classes on campus," he said. "It's reached the point where there are 40 to 50 students in some of our fourth-year seminar courses. Finally, faculty and students indicated 'enough is enough'.

"Restricting first and second-year enrolment is less critical than making cutbacks in higher level courses," said Dean Lusztig. "First-year Commerce or its equivalent is offered in other universities and colleges in the province and students can transfer into second-year Commerce at UBC. We are keeping the door open for the better second-year students."

Dean Lusztig added that the shortage of teaching staff wasn't due entirely to inadequate funding.

"There are about 200 vacant teaching positions in Commerce faculties across Canada because there is no one qualified to fill them even when funding is available."

President Douglas Kenny said that in addition to the shortage of qualified applicants, the escalating cost of housing in Vancouver is a major problem in attracting new faculty to UBC.

An amendment by convocation senator Gordon Thom that the enrolment limit be changed to 900 students was defeated by Senate.



Lung Association of B.C. will provide a total of \$40,000 over the next four years to enable UBC to organize continuing education programs for health professionals under an agreement signed last week by association president Dr. Douglas Mackenzie, left, and Dean Bernard Riedel, co-ordinator of Health Sciences and dean of Pharmaceutical Sciences at UBC. Grants will enable UBC to provide on- and off-campus programs for doctors, nurses, pharmacists, rehabilitation specialists and human nutrition experts.

UBC CALENDAR

UBC Calendar Deadlines

For events in the weeks of April 19 and April 26, material must be submitted not later than 4 p.m. on April 9. Send notices to Information Services, 6328 Memorial Rd. (Old Administration Building). For further information, call 228-3131.

The Vancouver Institute.

Saturday, April 4

The Vancouver Sun Annual Lecture. Life Under Reagan. Don Sellar, Southam News correspondent, Washington, D.C.

Saturday, April 25

The Role of the Courts in the 1980's. Lord Diplock of Wansford, House of Lords, London.

Both lectures are in Lecture Hall 2, Woodward Instructional Resources Centre at 8:15 p.m.

SUNDAY, APRIL 5 B.C. Gardens.

Last in a series of CBC television programs featuring the UBC Botanical Garden as an anchor point for a province-wide look at horticulture. Hosts: David Tarrant, Botanical Garden educational co-ordinator, and CBC personality Bob Switzer. Today's program looks at Summerland Research Station. CBC, Channel 3. 11:30 a.m.

MONDAY, APRIL 6

Cancer Research Seminar.

Antigen Specific Helper Cells and Factors in the Anti-Tumor Response. Dr. Douglas Kilburn, Microbiology, UBC. Lecture Theatre, B.C. Cancer Research Centre, 601 W. 10th Ave. 12:00 noon.

Biochemical Discussion Group Seminar.

Affinity Labeling of the Nucleotide Binding Site of the Catalytic Subunit of CAMP dependent Protein Kinase. Dr. Mark Zoller, Biochemistry, UBC. Lecture Hall 3, Woodward Instructional Resources Centre. 4:00 p.m.

Astronomy Seminar.

Search for Binary Stars in Globular Clusters. Dr. Martha Liller, Harvard College Observatory. Room 318, Hennings Building. 4:00 p.m.

Archaeological Institute Lecture.

The Ruins of Great Zimbabwe. Prof. Brian Fagan, Anthropology, University of California at Santa Barbara. Theatre, Museum of Anthropology. 8:00 p.m.

Immunology Seminar.

Clinical Relevance of Sub-Classes of T-cell Lymphoma and Leukemia. Dr. Marshall Kadin, director, Hematopathology, University of Washington, Seattle. Salons B and C, Faculty Club. 8:00 p.m.

TUESDAY, APRIL 7

The Constitution Hassle.

Last in a series of four talks on the constitution debate. Today's talk is The Debate: Assessing the Long-Term Impact. Dr. David J. Elkins, Political Science, UBC, and Dr. Charles W. Humphries, History, UBC. Admission is free. Cinema, Robson Square Media Centre, 800 Hornby St. 12:00 noon.

Physics Condensed Matter Seminar.

Unconventional Types of Molecular Motions in Polymers and Lipids and Their Detection by Nuclear Magnetic Relaxation Spectroscopy. Reiner Kimmich, University of Ulm. Room 318, Hennings Building. 2:30 p.m.

Management Science Seminar.

Optimal Choice of Performance Monitors. Prof. J. Butterworth, Commerce, UBC. Room 312, Angus Building. 3:30 p.m.

Biomembranes Discussion Group.

The Ca²⁺ - ATPase: An Enzyme Displaying Non-Linear Arrhenius Behavior. Dr. T.D. Madden, Biochemistry, UBC. Lecture Hall 1, Woodward Instructional Resources Centre. 4:00 p.m.

Physiology Seminar.

The Anatomy of Central Cholinergic Neurons. Dr. H.C. Fibiger, Psychiatry, UBC. Room 2605, Block A, Medical Sciences Building. 4:30 p.m.

UBC Public Affairs.

The Brandt Commission Report - What is the Message? Dr. Geoff Hainsworth, Economics, UBC, with host Gerald Savory. Cable 10, Vancouver Cablevision. (Program will be repeated on April 8 at 3:00 p.m.) 9:00 p.m.

WEDNESDAY, APRIL 8

Medical Grand Rounds.

Priorities in Medical Education, sponsored by Physicians for Social Responsibility. Dr. Paul Beeson, University of Washington. Conference Room D.308, Shaughnessy Hospital. 11:30 a.m.

Rehabilitation Medicine Lecture.

Roles and Attitudes of Occupational Therapists and Physiotherapists Related to Sexual Rehabilitation of the Disabled. Lila Quastel, Rehabilitation Medicine, UBC. Lecture Hall 3, Woodward Instructional Resources Centre. 12:30 p.m.

Biochemical Discussion Group Seminar.

Molecular Mechanisms in Chemical Carcinogenesis. Prof. Dezider Grunberger, Biochemistry, Columbia University, New York, N.Y. Room G42, Woodward Instructional Resources Centre. 12:30 p.m.

Geophysics Seminar.

Electromagnetic Induction in The Earth and Ocean. Dr. David McKirdy, Physics, University of Victoria. Room 260, Geophysics and Astronomy Building. 4:00 p.m.

Cartoonist Slide Lecture.

Nicole Hollander, Chicago cartoonist and author of three books, including "Ma, can I be a Feminist and Still Like Men?" will speak on the image of women in cartoons. Lecture Hall 3, Woodward Instructional Resources Centre. 8:00 p.m.

THURSDAY, APRIL 9

Psychiatry Lecture.

The Use of Microcomputers in the Assessment of Mental Illness. Dr. R. Ancill, Clinical Computer Group, Institute of Psychiatry, London, England. Lecture Theatre, Department of Psychiatry, Health Sciences Centre Hospital. 9:00 a.m.

Faculty Association Meeting on Academic Priorities.

Teaching. Room 415, Angus Building. 12:30 p.m.

Applied Mathematics Seminar.

Stability of Viscous Flow Along a Streamwise Corner. Prof. William D. Lakin, Mathematical and Computing Sciences, Old Dominion University, Norfolk, Va. Room 203, Mathematics Building. 3:30 p.m.

Biochemical Discussion Group Seminar.

Contributions of Transposable Elements to an Understanding of Genetic Processes During Development. Dr. Barbara McClintock, Cold Spring Harbor Laboratory, N.Y. Lecture Hall 1, Woodward Instructional Resources Centre. 4:00 p.m.

FRIDAY, APRIL 10

Pediatric Grand Rounds.

How To Be an Effective Teacher of Small Medical Groups. Dr. David Irby, Research in Medical Education, School of Medicine, University of Washington, Seattle. B Lecture Hall, Heather Pavilion, Vancouver General Hospital. 9:00 a.m.

Developmental Medicine Seminar.

Nervous Control of Cardiac Associated Response to Diving in Birds and Mammals. Dr. David Jones, Zoology, UBC. First Floor Seminar Room, Willow Pavilion, Vancouver General Hospital. 12:30 p.m.

Medical Genetics Seminar.

Use of Recombinant DNA Technology to Study Muscle Genes. Dr. Ann Rose, Fourth Floor Conference Room, Health Centre for Children, Vancouver General Hospital. 1:00 p.m.

Psychology Colloquium.

Investigating Thought Disorder in Schizophrenia. Dr. Robert W. Payne, dean of Human and Social Development, University of Victoria. Room 212, Angus Building. 2:30 p.m. Followed by a social hour in Salon A of the Faculty Club.

MONDAY, APRIL 13

Academic Women's Association.

Spring buffet luncheon. Please reserve in advance by calling Ellie Vaines, at 228-6195 or 228-2502 or by campus mail. Tickets are \$7 and are also available at the door. Non-members welcome. Salons A, B, and C, Faculty Club. 12:00 noon.



Works by these seven artists pursuing graduate studies in UBC's Faculty of Education will be on display for 11 days beginning Tuesday, April 7, at 8 p.m. at the Robson Square Media Centre in downtown Vancouver. The students, who have produced paintings, serigraphs and photographs for the display are, left to right, Jim Cardeiro, Vivian Bevis, Anne Healy, Bob King, Hart Swedersky, Nancy Oliver and Alan Bone. The exhibition, entitled "Grounded," continues until April 18 (except Sundays) and is open weekdays from 11 a.m. to 4 p.m. and on Saturdays from noon to 4 p.m.

TUESDAY, APRIL 14

Oceanography Seminar.

Some Oceanographic Problems Associated with the Bering Sea Marginal Ice Zone. Dr. Robin Muench, Scientific Applications Inc., Seattle. Room 1465, Biological Sciences Building. 3:30 p.m.

Biomembrane Discussion Group.

Local Anaesthetic - Antiarrhythmic Drug Action at the Level of the Myocardial and Nerve Sodium Channel. Dr. K. Courtney, Palo Alto Medical Research Foundation. Lecture Hall 1, Woodward Instructional Resources Centre. 4:00 p.m.

Physiology Seminar.

Electrophysiological Studies of the Exocrine Pancreas. Dr. J. Davison, Physiology, Dundee University. Room 2605, Block A, Medical Sciences Building. 4:30 p.m.

WEDNESDAY, APRIL 15

Medical Grand Rounds.

Post Natal Lung Growth and Its Manipulations. Dr. W.M. Thurlbeck, professor and head, Pathology, UBC. Conference Room D.308, Shaughnessy Hospital. 11:30 a.m.

Anthropology/Sociology Symposium.

Political Economy of the Unavailability of Residential Land. Herb Barbolet, CAC. Admission is free. Common Room, Community Alternative Coop, 2nd Avenue, 1937 West, Vancouver. 7:30 p.m.

THURSDAY, APRIL 16

Psychiatry Lecture.

Brain Damage in Alcoholism - Recent Challenges to Old Conceptions. Prof. W.A. Lishman, Neuropsychiatry, Institute of Psychiatry, Bethlem Royal and Maudsley Hospitals, London, England. Lecture Theatre, Psychiatry, Health Sciences Centre Hospital. 9:00 a.m.

Dentistry - B.C. Section of IADR - Seminar.

In Vivo and In Vitro Studies on Adherence of Streptococcus Salivarius. Dr. B.C. McBride, Microbiology, UBC. Room 388, J.B. Macdonald Building. 12:00 noon.

Frederic Wood Theatre.

M.F.A. thesis production of Battering Ram, written by David Freeman and directed by Richard Lucas. Admission is free. Frederic Wood Theatre. 8:00 p.m. (Show will be repeated at 8:00 p.m. on Friday, April 17, and at 5:30 and 8:30 p.m. on Saturday, April 18.)

Notices...

Faculty and Staff Golf Tournament

All faculty and staff, active and retired, are invited to the 23th annual golf tournament on Thursday, April 30 at the University Golf Course. If you don't play golf, join in later for the silver anniversary dinner at the Faculty Club. Tee-off times are 9 a.m. to 12 noon. Green fees, \$8; dinner, \$17. For advance tee-off reservations, call Dr. Whittie, 228-5407 or 228-3838.

Pacific Ballet Theatre

Pacific Ballet Theatre's spring show The Magic of Ballet will be held on April 3 and 4 at 8:00 p.m. in the Old Auditorium. Tickets are available at the AMS Box Office and at the company office at 280 E. Cordova St. For reservations, call 669-5954.

Fine Arts Gallery

Pork Roasts, a display of 250 feminist cartoons will be exhibited in the UBC Fine Arts Gallery, located in the basement of the Main Library, from April 1 to May 2. (The gallery will be closed April 17-20.) Deadline for a caption contest for feminist cartoons is April 24. More information is available from the Fine Arts Gallery.

Returning and Mature Students Association

A wine and cheese party is being held tomorrow (April 2) from 4:30 to 7:00 p.m. in the Garden Room of the Graduate Student Centre. For more information, call 988-5307.

English as a Second Language

A four-week morning program beginning April 6 that can improve your listening, speaking and language learning skills. For pre-registration, call the Centre for Continuing Education, 228-2181, local 285.

Memorial Gym/Osborne Centre Hours

The new schedule for Memorial Gymnasium and Osborne Centre, effective as of April 6, is as follows: Monday to Friday 8 a.m. to 8 p.m.; Saturday - 10 a.m. to 6 p.m.; Sunday - Closed. Special events booked for these facilities will pre-empt regular schedules - watch for postings. The Armoury will be closed from April 6 to Sept. 30 for exams and bookstore use.

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