

Four named to top UBC posts

UBC's Board of Governors has approved the appointments of three new department heads and a director of the School of Rehabilitation Medicine.

The new head of the Department of Linguistics in the Faculty of Arts is Prof. Frank W. Heny, a Rhodesian-born expert on African languages who is currently head of the Department of General Linguistics at the University of Groningen in Holland. He will take up his post at UBC on July 1, 1979.

The other appointments, all in the Faculty of Medicine, are:

- Dr. Victor Gomel as head of the Department of Obstetrics and Gynaecology;

- Dr. Peter R. Grantham, a Vancouver physician, who becomes head of the recently created Department of Family Practice; and

- Prof. Tali I. Conine, of the Indiana School of Medicine at Indiana University in Indianapolis, as director of the School of Rehabilitation Medicine.

Prof. Heny, the new head of linguistics, was educated in England, where he received his bachelor's degree in philosophy from the University of Leeds, and the United States, where he was awarded the degree of Doctor of Philosophy in linguistics by the University of California at Los Angeles. He also holds a postgraduate certificate in education from the University of London.

Before joining the University of Groningen in 1976, Prof. Heny taught and did research at the Universities of California and Massachusetts and was a visiting professor at universities in Belgium and Holland. He has done extensive research on African languages and in the field of semantics, the scientific study of the meanings, and the development of meanings, of words.

Dr. Victor Gomel, who took up his appointment as head of Obstetrics and Gynaecology on Sept. 1, received degrees in science and medicine at the University of Istanbul in Turkey, where he was born. He came to Canada in 1958 and has been a member of the UBC medical school since 1967.

Dr. Gomel has an international reputation for microsurgery for female infertility.

Dr. Peter Grantham, new head of the recently created family practice department in Medicine, received degrees in arts and medicine from UBC, and has been a practising family physician in Vancouver since 1959. He will take up his appointment on Nov. 1.

Dr. Grantham has been associated with UBC's medical school since 1974 as a clinical instructor and assistant professor. His special interests lie in the fields of sports medicine and nutrition. He is also a well known rugby player who has competed internationally for Canada.

The new department, which is supported by an annual grant of \$40,000 from the Pacific Command of the Royal Canadian Legion, will place emphasis on training doctors for family practice, especially in rural areas.

Prof. Tali Conine, who will take up her appointment as head of UBC's School of Rehabilitation Medicine on July 1, 1979, has been associated with Indiana University's school of medicine since 1966, where she has served as co-ordinator of the graduate physical therapy program, head of graduate allied health sciences education and professor of physical therapy.

She has also served abroad as director of rehabilitation services at Pahlavi

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UBC reports

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Jim Banham photo

UBC's University Singers, shown performing at Oct. 10 memorial service for the late Dr. Walter Gage, will get a trophy and cash prize of \$1,000 for placing first in the mixed voices category of a national choral competition sponsored by the Canadian Broadcasting Corporation.

The UBC singers, who have been under the direction of associate professor of music James Fankhauser for the past two years, were the unanimous choice of the judges in the contest. The group is now under the direction of associate professor of music James Schell, shown conducting above.

Conference Centre has a good year

1978 was a very good year for UBC's Conference Centre.

The centre, which utilizes campus residences and academic facilities for summertime meetings, made \$256,000 in 1978 — \$70,000 more than was expected — and \$53,600 more than last year.

Housing director Michael Davis said a net contribution of \$185,000 had been anticipated from 1978 Conference Centre operations, "but we increased revenue by \$30,000 and reduced costs by \$40,000 through more efficient use of labor."

Bed nights in campus residences during the 1978 conference season totalled 63,000, up from 61,000 in 1977 but still short of the record 68,000 bed nights in 1976, when the UN Habitat Conference used campus facilities. That year, the Conference Centre made \$305,000.

Revenue from the operation of the Conference Centre is used to subsidize the housing budget and keep down the rents paid by students living in campus residences during the winter session.

"This year, it is our intention to use the unexpected surplus for residence improvements," Mr. Davis said. "Three residence areas are bringing forth lists of items they would like money spent on — things like reading lamps and increased shelving and storage space. Each area will get \$20,000 and the remaining \$10,000 will be spent on housekeeping equipment and an increased marketing effort for our conference operation."

The largest single conference held at UBC in 1978 was the American Society for Engineering Education, which registered 1,600 delegates. Next came the Commonwealth Universities

Conference in late August with 600 delegates.

Mr. Davis said the number of Japanese school children who come to UBC in the summer for English-language training was cut by one-third this year owing to a strike that affected Northwest Orient Airlines.

He said he expected another increase in 1979 convention business based on bookings already made.

The biggest conferences booked to date are the Canadian Federation of Biological Societies, with about 1,000 delegates, and the International Federation of Women's Field Hockey Associations, with about 850 delegates. Other meetings include the 1979 convention of the B.C. New

Democratic Party, the annual conference of the Canadian Children and Youth Drama Association, a national conference on high energy physics and nuclear structure, and meetings of the Congress of the Americanists, the B.C. Government Employees Union, the Chemical Institute of Canada, the Canadian Association of Physicists, the Canadian Museum Association and the B.C. Recreation Association.

Mr. Davis said the housing office is hoping the new UBC Aquatic Centre will be "a big plus" in attracting conferences to the campus. "The two pools, in combination with tennis courts, the nearby golf course and other sports facilities form a recreation complex which is a big selling factor downtown hotels can't offer," he said.

Building site poses problem

UBC and the provincial government are continuing to have problems deciding on a site for a Public Service Building to house a new fire hall and a detachment of the RCMP.

A site for the new building has been under discussion since 1970, when UBC's Board of Governors allocated five acres at the corner of Wesbrook Mall and 16th Avenue for the building.

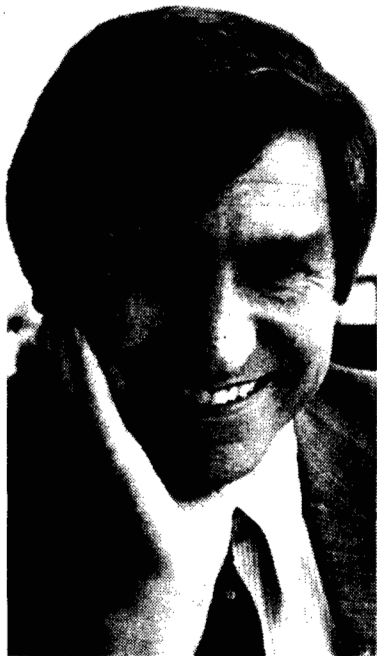
In September of this year the provincial government proposed that a parcel of land in Acadia Camp bounded by Agronomy Road, Pearkes Road and Fairview Road be designated as a site for the building.

UBC feels, however, that this site is unsuitable because of the proximity of day care facilities, the potential inconvenience to Acadia Camp residents that would be caused by the noise and

other activities associated with the fire hall and police station, and the fact that the main point of entry to nearby Wesbrook Mall by vehicles leaving the building would be close to a busy corner.

The question of a site for a new public service building is becoming more urgent because a new fire truck equipped with a 100-foot aerial ladder is now on order. The new truck can't be accommodated in the existing fire hall on the West Mall.

At its meeting on Oct. 3, UBC's Board of Governors approved a motion authorizing the administration to advise the provincial government that UBC could not accede to the request to approve the Acadia Camp site. The same motion authorized the administration to continue negotiations designed to reach agreement on a site for the building.



Dean George S. Beagrie

APPOINTMENTS

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University in Iran and as chief advisor of the World Health Organization to the government of Japan for the rehabilitation of the handicapped.

Prof. Conine is a graduate of New York University, where she was awarded the degrees of Bachelor of Science in physical therapy and Master of Arts in administration, and Indiana University, where she received the degree of Doctor of Health Sciences.

Earlier this year, UBC's Board of Governors approved the appointment of Prof. L. Martin Wedepohl as dean of UBC's Faculty of Applied Science, effective July 1, 1979.

Prof. Wedepohl, who is currently completing his final year of a five-year term as dean of engineering at the University of Manitoba, was head of the engineering department at the University of Manchester's Institute of Science and Technology, where he taught from 1964 to 1974.

The new dean of UBC's Faculty of Dentistry, Dr. George S. Beagrie, took up his post on July 1 after 10 years as head of the division of clinical sciences in the University of Toronto's dental school. He was also chairman of the graduate department of dentistry at Toronto from 1974 on.

A native of Scotland, Dr. Beagrie studied dentistry in Edinburgh and received his doctorate from the University of Edinburgh in 1966.

He has served as president of the Royal College of Dentists of Canada and the International Association of Dental Research.

The new director of UBC's School of Physical Education and Recreation



Dr. W. Robert Morford

is Dr. W. Robert Morford, who headed UBC's 1956 graduating class for the degree of Bachelor of Physical Education. He also holds a master's degree from UBC and in 1963 received the Doctor of Education degree in education psychology from the University of California at Berkeley.

From 1971 until his UBC appointment, Dr. Morford was director of the School of Physical and Health Education at the University of Washington in Seattle.

Two new department heads took up their appointments on July 1.

Prof. Ben Moys, a UBC faculty member since 1947, became head of the Department of Mathematics.

He was awarded the Governor-General's gold medal when he graduated from UBC in 1940 with the degree of Bachelor of Arts. He also holds a master's degree from UBC and was awarded his Ph.D. by Harvard in 1947. He is considered one of UBC's finest teachers and in 1974 shared the Master Teacher Award.

Prof. Philip G. Hill, the new head of the Department of Mechanical Engineering in the Faculty of Applied Science, is a native of Vancouver who studied engineering at Queen's University, where he received the degree of Bachelor of Science in 1953.

He also studied at the University of Birmingham, in England, and Massachusetts Institute of Technology, where he received his Ph.D. in 1958.

An expert in the field of power generation, Prof. Hill heads a team of UBC scientists who are doing research in the field of nuclear-reactor safety and disposal of wastes from power-producing nuclear reactors.

UBC students go to polls on Jan. 16

Students will go to the polls Jan. 16 to elect two members of the Board of Governors and 17 members of Senate, the two main governing bodies of the University.

Election dates as well as a series of rules and procedures for running the elections were approved by UBC's Senate at its meeting on Oct. 11.

Nominations for the Board and Senate positions close on Dec. 20. Students unable to vote on Jan. 16 will be able to vote in an advance poll from 5 to 7 p.m. on Jan. 15.

The regulations approved by Senate bar students from voting by proxy and require them to present their AMS card to polling station attendants as proof of identity. The results of the elections will not be announced until at least 48 hours after the close of balloting and won't be considered official until released in writing by Registrar J.E.A. Parnall, who is

responsible for the conduct of all elections to the Board and Senate.

* * *

Students in UBC's Faculty of Arts will be able to major in two subjects in future instead of just one.

A Faculty of Arts proposal to institute a double major program was approved at the Oct. 11 meeting of Senate on the recommendation of its curriculum committee.

At present, students entering their third year in arts are required to enter either a single major program requiring a measure of specialization or an honors program requiring intensive work in one subject or field.

Senate was told that "students are constantly asking about a double major" program. The new course will have more academic content than the existing single major program and would "make an excellent background for students preparing to teach in high schools."

UBC commerce faculty see

What does business expect of business schools and their graduates?

Thirty-eight senior business, labor and government leaders from B.C. and Eastern Canada will have a chance to air their views, indeed even influence the direction of study programs, beginning this fall in UBC's Faculty of Commerce and Business Administration.

The purpose of the advisory council, which will hold its first meeting at UBC on Nov. 7, is to brief the commerce faculty on how better to serve the changing needs of organizations and management.

Formed through the efforts of commerce dean Peter Lusztig, and with the encouragement of President Douglas Kenny, the group is unusual in that it has representatives of labor and government among its members. Senator Ed Lawson of the Teamsters and J.J. Munro of the International Woodworkers of America represent labor, while deputy federal transport minister Sylvain Cloutier will bring government's point of view to the council.

Dean Lusztig points out that more and more commerce graduates are going to work for not-for-profit organizations, making it natural to have labor and government voices on such a council.

"Governments at all levels, unions, hospitals — even universities — are now looking for the skills which were once thought to be only of interest to business," says Dean Lusztig.

"And such employers are offering attractive career paths to the graduate

who may be looking for a chance to apply his or her knowledge in a direction which holds strong personal interest for a student."

UBC's Dean's Advisory Council, which reads like a partial list of who's who in Canadian business circles, includes the following representatives from Western Canada: W.L. Sauder, president of Sauder Industries Ltd., Vancouver; R.G. Bentall, president of Dominion Construction Ltd., Vancouver; D.G. McConachie, director, Lupton Agencies Ltd., Kelowna; Trevor Pilley, president, Bank of British Columbia; Edwin C. Phillips, president, Westcoast Transmission Co. Ltd.; P.J.G. Bentley, president, Canadian Forest Products, Vancouver; J.W. Poole, president, Daon Development Corp.; R.T. Eyton, president, Pacific Western Airlines; J.B. Buchanan, president, B.C. Packers Ltd., Richmond; T.G. Rust, president, Crown Zellerbach Canada Ltd., Vancouver; Gerald M. McGavin, president, Yorkshire Trust, Vancouver; and George L. O'Leary, president, Scott Paper Ltd., Vancouver.

The council will meet twice a year and is expected to provide UBC's commerce faculty with support, advice and criticism if necessary, about its programs and courses.

"It will bring the experience of a lot of eminent individuals to our doorstep," says Dean Lusztig. "We expect that they will give us some useful counsel not only about our undergraduate and regular graduate programs, but also about our non-credit offerings which reached some 9,000

No swords will be beaten into plowshares as a direct result of the United Nations special session on disarmament, but the talks accomplished more than the pessimists expected, says W. Harriet Critchley of UBC's Institute of International Relations.

Dr. Critchley was a member of the Canadian delegation to the 149-nation conference at the UN last spring. A specialist in strategic studies, she was one of five academics acting in an advisory capacity to the delegation.

Although she said it was really too early yet to tell what effects the talks will have, she was in no doubt that they made a positive, if modest, contribution to world disarmament.

The special session had three major goals: to get agreement on a roster of issues for future arms control negotiations; to set some long-term disarmament goals and determine long-term strategy; and to work out ways of improving the international machinery to deliberate and negotiate and make it more representative.

"No one expected that any arms would be smashed as a result of this session," said Dr. Critchley. "We were there primarily to prepare a list, not negotiate, and that's what we did."

However, Dr. Critchley said that the effect of the resulting document remains to be seen. "If it acts as an impetus for future negotiations, then it will have been a success."

The basis for the talks was a document prepared by representatives of 55 nations who worked for a year before the session to draw up a list of issues for discussion. After six weeks of talks, and a very inauspicious beginning, the session wound up with a final document outlining areas for negotiation on which all countries could agree.

But it was touch and go in the

Pessimism be

beginning, said Dr. Critchley. "For the first four weeks it looked as if we were getting nowhere. There was a lot of pessimism that we would never reach agreement. It wasn't until the last week when working committees went into session around the clock that progress really began to be made."

Whether or not the formal agreement itself contributes to disarmament, Dr. Critchley said the actual process of drawing it up would prove valuable to delegates to future arms talks.

"It was a very good education for nations which had not previously been involved in arms negotiations," she said. "Many of the delegates went away with a more sophisticated appreciation that can only help them play a more effective role in future. It's easy to collect rhetorical brownie points by making sweeping statements about disarmament, but when it comes to the actual negotiations, it isn't that simple."

"It would be hard to find a Canadian who would disagree that disarmament and peace are important for the whole world, but all nations are not the same. In some countries, other priorities — like food, or freedom — are more important and sometimes even antithetical to peace. But you don't know that until you talk to them. If nothing else, the session vindicated the merit of the UN as an international forum."

Dr. Critchley said the non-aligned states had had a great effect on the preparatory document, emphasizing nuclear control and disarmament. "Canada is also concerned about nuclear issues, but we wanted to talk about conventional arms and arms

Views of business leaders



Dean Peter Lusztig

students last year, and with the part-time evening MBA program.

"There has been criticism from some spokesmen in industry that universities are not fulfilling the needs of the industrial community," Dean Lusztig observes. "This council is an indication that universities are concerned with what employers want. We see it playing a valuable role in reacting to and in criticizing our plans and directions. It will also give us a chance to tell our story as well.

"Above all, it will give the faculty and students a continuing liaison with

industry which should ensure that the quality of our graduates and our research programs are relevant to the changing needs of employers."

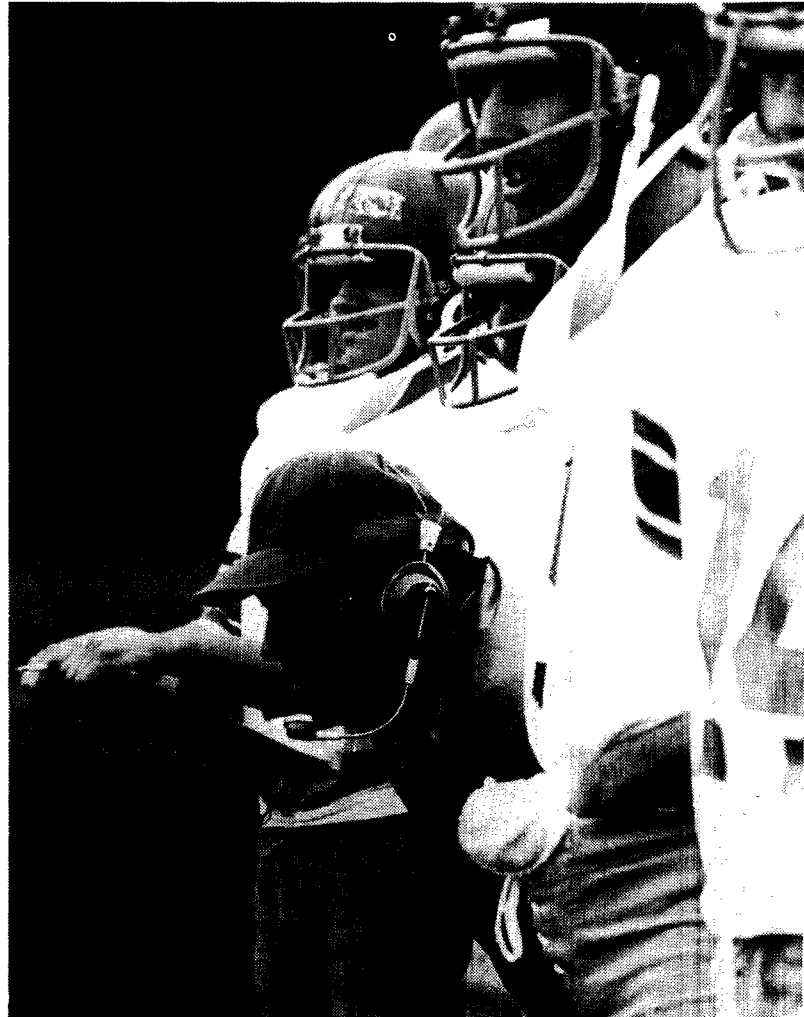
Dean Lusztig's view of the ideal commerce graduate is "one who leaves the university with both a well-rounded education and some sought-after technical skills.

"Critics of schools of management or administrative studies seldom agree on what they want," he says. "The pendulum seems to swing back and forth between a demand for highly specialized graduates and those with a broader education.

"I think one of the reasons we've been successful at UBC with our graduates is because we also have other strong departments and faculties on campus, such as, for example, computer science, economics and psychology. Our better undergraduates take 30 to 40 per cent of their course load outside of commerce.

"Students oriented toward administration leave UBC with a pretty good idea of what's going on in the world and have developed the capacity for critical analysis. Their educational background, including some emphasis on arts or science, also qualifies them for generalist roles that business, labor and government organizations are favoring today."

A graduate of UBC, Dean Lusztig, 48, obtained his MBA at the University of Western Ontario and did graduate work at Stanford where he received his Ph.D. in 1965. He has been on the UBC faculty since 1957 and was named dean of the Faculty of Commerce and Business Administration a year ago.



Jim Banham photo

UBC football coach Frank Smith adopts characteristic hands-on-knees pose as he watches action from sidelines at Thunderbird Stadium. 'Birds meet University of Alberta Golden Bears at 2 p.m. Saturday (Oct. 28) at the UBC stadium in final game of the regular schedule. Victory for the 'Birds would give them first place and home field advantage in the single-game final of the Western Intercollegiate Football League on Nov. 4.

comes optimism

transfers as well. Of the \$400 billion the world spends on military items each year, 80 per cent is spent for conventional military purposes.

"It became evident during the session that a lot of people were saying: 'Your armaments are dangerous to world peace, therefore you should disarm, but our armaments are necessary for our security and self defence; they are not as dangerous to world peace and therefore should not be included in the deliberations.'

"We don't have that many people in Canada that we can afford to erect barriers, with government mistrusting academics and vice versa," Dr. Critchley said. "We haven't that great pool of expertise and it behooves us to use all the resources we have. That's why I was so pleased to see the government invite academics. We all took it very seriously and looked upon it as an opportunity to contribute our expertise and perspective."

The Canadian policy on disarmament which resulted from the collaboration is one of suffocation of the arms race by slowing the technologically-induced momentum of arms research and production. At the special session, Prime Minister Trudeau outlined four specific steps this country would like to see taken: a comprehensive nuclear test ban; a ban on flight testing of strategic delivery vehicles; a ban on the production of fissionable materials for weapons purposes, and greater efforts to find ways of decreasing defence budgets.

Dr. Critchley said that although this and other concepts require further examination and discussion, the special session showed what can be accomplished in a world-wide delibera-

tion on extremely sensitive and complex issues.

Dr. Critchley numbered herself among the novices at the session. "It was an educational experience for me," she said. "I've studied this, and taught it, but never actually had an opportunity to witness the process before."

She said she spent most of her time as an observer of the working committee on nuclear war proliferation. Her working day began about 8:30 a.m. with a reading of material from the previous day's meetings, followed on alternate days by a meeting of the entire Canadian delegation to pool information and discuss strategy. Then delegates adjourned to their small working groups. "Depending on what the committee was doing, it could be 10 or 11 at night before we broke for supper," she said.

Dr. Critchley said she found the experience fascinating, "especially watching politics at work and seeing how agreements are reached. It isn't what comes out in the formal speeches and documents, but what happens in the corridors and meeting rooms. I knew that, of course, but I had never actually witnessed it."

She said the Canadian government took the session very seriously. "A lot of time was spent preparing for it (Canada was one of the 55 countries involved in drafting the preparatory document), and an impressive team was assembled."

She was also pleased that the government had included academics in policy-making decisions. Prior to the special session, Dr. Critchley and eight other academics were called in by the federal department of external affairs to advise on the Canadian position on disarmament. The invitation to join the delegation in New York was a result of the success of this consultation.

New booklet being distributed

All UBC faculty and staff will soon be receiving a copy of *Information UBC*, a 66-page booklet that provides an introduction to the University's three primary functions — teaching, research and public service.

UBC's president, Dr. Douglas Kenny, said the decision to prepare a publication resulted from suggestions by graduates, faculty, visitors and friends of the University who have been impressed with the wide range of campus activities.

"In addition to describing how the University's curriculum is continuously changing and recent innovations in teaching programs, the publication focuses on the work of faculty members and students in the important areas of research and community service," the president said.

"It's important that not only outsiders, but also faculty and staff get a chance to read the booklet," the president said. "It provides a glimpse into the total University effort which many people do not have a chance to get.

"No single publication," he added, "can hope to describe exhaustively the variety of work and services that make UBC a year-round centre of day-and-night activity. *Information UBC* is designed to be representative of campus effort and to remind the reader that UBC is committed to high standards of teaching, research and community service."

The publication will be distributed off campus to high schools, government officials and a variety of B.C. organizations.

Bad News 'Birds play in Japan

The Bad News Birds — UBC's women's ice hockey team — left Vancouver Sunday (Oct. 22) to take part in an invitational hockey tournament with three Japanese women's teams.

The Thunderettes will spend 13 days in Japan, with all expenses paid by the Japanese department store Isetan, which is sponsoring the tournament. The Japanese firm is trying to develop interest and increase participation in its employee hockey teams.

"We're completely in the dark as to what to expect from the women's teams over there," said Jim McMillan, coach of the UBC team. "The style of hockey is much the same, but we may have the edge on skating."

"The women have been training very hard and they're very excited about the trip," said Marilyn Pomfret, director of women's athletics. "It's a once-in-a-lifetime opportunity.

Women's teams — in fact, even men's teams — just don't get expenses-paid trips. It's an inspiration to the hockey players, and also to those in other sports, and it's an indication that women's sports have reached a new level of interest."

The UBC women's hockey team was started last year, and plays in the Lower Mainland Women's Ice Hockey League under Canadian Amateur Hockey Association rules adapted for women's hockey.

Members of the team are: Diane Abbott, Kathleen Bentley Corbett, Elaine Bernard, Barbara Bradbury, Donna Buna, Brenda Donas, Diane Howe, Kim Hudson, Heather Lacey, Darcy Lazzarine, Yvonne Magnusson, Betty March, Carol Nissila, Anne Stevens, Christine Tenisci, Louise Tenisci, Lorie Turner and manager Adrienne Szasz.

UBC Calendar

UBC CALENDAR DEADLINES

Events of the week of

Nov. 5-11 Deadline is 5 p.m. Oct. 26
Nov. 12-18 Deadline is 5 p.m. Nov. 2
Nov. 19-25 Deadline is 5 p.m. Nov. 9

Send notices to Information Services, Main Mall North Administration Building, Campus. Further information is available at 228-3131.

THE VANCOUVER INSTITUTE

SATURDAY, OCT. 28

Hon. Samuel Freedman, chief justice of Manitoba, on *Challenges to the Rule of Law*.

SATURDAY, NOV. 4

Prof. Allen Gates, chairman, Music Department of Clark College, and Mrs. Yoko Gates, on *Japanese Music, Traditional and Modern*. Both lectures in Lecture Hall 2, Woodward Instructional Resources Centre at 8:15 p.m.

SUNDAY, OCT. 29

3:00 p.m. MUSEUM OF ANTHROPOLOGY presents a Survey of Northwest Coast Indian Baskets by Andrea Laforet, extension curator, B.C. Provincial Museum, Museum of Anthropology, 6393 Northwest Marine Dr.

7:00 p.m. SUBFILMS. *Sorcerer*, starring Roy Scheider. Admission \$1.00 with Library/AMS card. SUB Theatre.

8:00 p.m. HEWITT BOSTOCK MEMORIAL FUND Concert by the Pro Arte String Quartet. Music of Schoenberg and Ravel. Recital Hall, Music Building.

MONDAY, OCT. 30

9:30 a.m. URBAN LAND ECONOMICS RESEARCH SEMINAR. Prof. Peter Chinloy, Economics, UBC, on *Self-Selection and Demand for Housing*. Penthouse, Angus Building.

12 noon DIAGNOSTIC RADIOLOGY LECTURE. Dr. William B. Seaman, professor and chairman, Department of Radiology, College of Physicians and Surgeons of Columbia University, New York, on *Unusual Diseases of the Colon: Colitis Cystica Profunda, etc.* Film Library, Heather Pavilion X-Ray Department, VGH.

12:30 p.m. BURGESS/LANE MEMORIAL LECTURE. Drs. Jorgen Randers and Lars Lonnstedt, resource policy group, Oslo, Norway, on *Transition Strategies for the Scandinavian Forest Sector*. Room 166, MacMillan.

12:40 p.m. Dr. Dennis Selder, San Diego State University, on *Belief Systems*. Room 211, War Memorial Gymnasium.

2:30 p.m. CHEMISTRY SEMINAR. Prof. R.S. Ramakrishna, head, Department of Chemistry, University of Sri Lanka, Colombo, on *Oxometal Ions: Co-ordination and Analysis*. Room 225, Chemistry Building.

3:30 p.m. COMPUTING CENTRE LECTURE. First in a series of six lectures on *Basic FMT* by Tina Duke, Computing Centre, UBC, Room 447, Computer Sciences Bldg. COMPUTING CENTRE LECTURE. First in a series of six lectures on *Advanced MTS Commands and Files* by Tony Buckland, Computing Centre, UBC, Room 443, Computer Sciences Building.

3:45 p.m. MANAGEMENT SCIENCE SEMINAR. Prof. R. Restrepo, Mathematics, UBC, on *Careers and Hierarchies in a Closed Model for Employment*. Room 328, Angus Building.

MECHANICAL ENGINEERING SEMINAR. Dr. F. Campbell, A.E.C.B., Ottawa, on *Search and Recovery of the COSMOS 954 Debris*. Room 1215, Civil and Mechanical Engineering Building.

4:00 p.m. ASTRONOMY SEMINAR. Dr. G.A.H. Walker, Geophysics and Astronomy, UBC, on *The Nature of Interstellar Grains*. Room 318, Hennings Building.

BIOCHEMISTRY SEMINAR. Pierre Talbot, Biochemistry, UBC, on *Fibronections*. Lecture Hall 3, IRC.

TUESDAY, OCT. 31

12:30 p.m. COMPARATIVE LITERATURE LECTURE. Dr. Anna Foldes, Budapest, on *Contemporary Hungarian Writers*. Room 2225, Buchanan Building.

CENTRE FOR HUMAN SETTLEMENTS. Third in a series of four Habitat lectures with the general title *A Tale of Four Cities: Strategic Urbanization in Europe's Leading Industrialized Countries*, by Dr. Harry Anthony, School of Environmental Design, California State Polytechnic University, Pomona, and currently 1978 scholar-in-residence at the UBC Centre for Human Settlements. Today's lecture is *Stockholm: Revitalizing Its Downtown Function and Form*. Room 102, Lasserre.

BOTANY SEMINAR. Fisher Scientific Co. Ltd. sponsors the film *28 Grams of Prevention*. Room 3219, Biological Sciences Building.

FINAL ORAL EXAMINATIONS FOR THE DEGREES OF DOCTOR OF PHILOSOPHY AND DOCTOR OF EDUCATION

Listed below are scheduled final oral examinations for the degrees of Doctor of Philosophy and Doctor of Education at the University. Unless otherwise noted, all examinations are held in the Faculty of Graduate Studies Examination Room on the second floor of the General Services Administration Building. Members of the University community are encouraged to attend the examinations, provided they do not arrive after the examination has commenced.

Friday, Oct. 27, 3:30 p.m., Room 225, Chemistry Building: ROBERT H. MORRIS, Chemistry; *Sulfoxide Complexes of Rhodium and Iridium, Including their Potential Use as Asymmetric Hydrogenation Catalysts*.

Monday, Oct. 30, 3:30 p.m., Room 225, Chemistry Building: PHILIP WATSON, Chemistry; *The Structures of Clean Rhodium Surfaces Studied by Low-Energy Electron Diffraction*.

Tuesday, Oct. 31, 10:00 a.m.: LAMBERT LOH, Microbiology; *Multiple Interactions Between Murine Cytomegalovirus (MCMV) and Mouse Lymphoid Cells in Vitro*.

TUESDAY, OCT. 31 (Continued)

1:30 p.m. ELECTRICAL ENGINEERING SEMINAR. Dr. T.W. Calvert, SFU, on *Engineering in Studies of Human Performance*. Room 402, Electrical Engineering Building.

3:30 p.m. OCEANOGRAPHY SEMINAR. M. LeBlanc, Oceanography and Zoology, UBC, on *The Effects of Heavy Metals on Phytoplankton*. Room 1465, Biological Sciences Building.

4:00 p.m. DIAGNOSTIC RADIOLOGY LECTURE. Dr. William B. Seaman on *Dermato-Radiologic Syndrome: Upper G.I. Tract, Pharynx, Esophagus, and Stomach; Small Bowel and Colon*. Film Library, Heather Pavilion, VGH.

CENTRE FOR CONTINUING EDUCATION. First of five lecture-discussions on *An Introduction to the Psychology of Aging* by Dr. Gloria Gutman, Psychology, UBC, Room D308, Shaughnessy Hospital. Call 228-2181, local 270, for further information.

4:30 p.m. MATHEMATICS EDUCATION COLLOQUIUM. Dr. Hassler Whitney, Institute of Advanced Study, Princeton, N.J., on *Children and School Mathematics*. Room 201, Scarfe Building.

CHEMISTRY RESEARCH CONFERENCE. C. Moser, Centre Europeen De Calcul Atomique et Moleculaire, Orsay, France, on *Scientific Program of CECAM in 1979*. Room 250, Chemistry Building.

6:00 p.m. GENETICS SEMINAR. C. McNichol and G. Moore on *The Role of Histone H1 in Chromatin*. Room 5460, Biological Sciences Building.

7:00 p.m. MUSEUM OF ANTHROPOLOGY. Mini-film series with general title *What is Anthropology? A Visual View*. Three films in the field of archeology will be shown: *Early Stone Tools, To Know the Hurons and On the Track of the Bog People*. Admission \$2; \$1 for members, students and seniors. 6393 Northwest Marine Drive.

8:00 p.m. LA TRAGICOMEDIA DE CALISTO Y MELIBEA (La Celestina) presented by El Circulo and Hispanic and Italian Studies. Metro Theatre, 1370 Southwest Marine Drive. There will also be a performance on Wednesday, Nov. 1 at 8 p.m.

8:30 p.m. UBC PUBLIC AFFAIRS presented by the Centre for Continuing Education. Guest speaker is Dr. John Chapman, Geography, UBC, on *Exporting British Columbia's Water Resources?* Host, Gerald Savory. Channel 10, Vancouver Cablevision.

WEDNESDAY, NOV. 1

12 noon CENTRE FOR CONTINUING EDUCATION. Dr. Michael Owendon, Geophysics and Astronomy, UBC, on *Modern Myths*. Robson Square Theatre, corner of Robson and Hornby Sts. in downtown Vancouver.

PHARMACOLOGY SEMINAR. Dr. Alexander Jakubovic, Kinsmen Laboratory of Neurological Research, Psychiatry, UBC, on *Narcotic Analgesics: Effect on Testicular Metabolism*. Room 114, Block C, Medical Sciences Building.

DIAGNOSTIC RADIOLOGY LECTURE. Dr. William B. Seaman on *Problems in C.T. Scanning of the Pancreas*. Film Library, Heather Pavilion, VGH.

12:30 p.m. NOON-HOUR CONCERT. Yossi Peleg, violin; and Judith Peleg, piano, perform *Music of Tartini, Ravel and Schumann*. Recital Hall, Music Building.

PHARMACEUTICAL SCIENCES SEMINAR. Dr. R.E. Cousell, professor of pharmacology and medicinal chemistry, University of Michigan Medical School, Ann Arbor, on *Azasterols in the Regulation of Cholesterol and Steroid Hormone Biosynthesis*. Lecture Hall 3, Woodward Instructional Resources Centre.

WOMEN STUDENTS' OFFICE FREESEE film series with general title *Romantic Versus Classic Art*. Today's film is *Jean-August Dominique Ingres*. Admission free. Student Union Building Theatre.

1:00 p.m. DEVELOPMENTAL MEDICINE SEMINAR. Dr. L. Kirby, Department of Pathology, Children's Hospital, on *Cu⁶⁴ Uptake and Meakes Disease*. Seminar Room, Centre for Developmental Medicine, 811 W. 10th Ave.

3:30 p.m. CHEMICAL ENGINEERING SEMINAR. D. Sheraton on *Quantum Yields in the Photolytic Oxidation of Methyl Mercaptan, Dimethyl Sulphide, and DMDS. (Photochemical Aerosol Production.)* Room 206, Chemical Engineering Building.

ECONOMICS SEMINAR. Phil Neher on *Democratic and Autocratic Cake Eating*. Room 351, Brock Hall.

4:30 p.m. ANIMAL RESOURCE ECOLOGY SEMINAR. Dr. D.W. Schindler, project leader, Experimental Limnology, Freshwater Institute, Winnipeg, on *Whole Lake Experiments to Test Lake Management Strategies*. Room 2449, Biological Sciences Building.

Wednesday, Nov. 8, 9:30 a.m.: SANDRA LYNN BUCKINGHAM, Zoology; *Functional Responses and Feeding Strategies of Freshwater Filter-Feeding Zooplankton*.

REMEMBRANCE DAY

Members of the University community are asked to note that UBC will be closed on Monday, Nov. 13, in observance of Remembrance Day, which this year falls on the Saturday preceding the closure. The University's traditional Remembrance Day ceremony will, however, take place on Saturday, Nov. 11, in the War Memorial Gymnasium at 10:45 a.m. The Main Library and all branch libraries will be closed Monday, Nov. 13. On Remembrance Day, Nov. 11, all libraries will be closed except the Law Library which will be open from 9 a.m. to 5 p.m.

TELEPHONE REPAIR SERVICE

University telephone users are asked to call 228-2101 between 8:00 a.m. and 4:30 p.m. Monday through Friday if they experience problems with campus phones. B.C. Telephone repairmen are located on the campus and will respond more quickly than would be the case if users dialed 114, the trouble number listed in the B.C. Tel directory. B.C. Tel will repair emergency telephones only outside the above hours.

WEDNESDAY, NOV. 1 (Continued)

4:30 p.m. ZOOLOGY/PHYSIOLOGY SEMINAR with Dr. Norbert Heisler, Max-Planck Institute for Experimental Medicine, Göttingen, Germany. Room 2449, Biological Sciences Building.

6:30 p.m. DIAGNOSTIC RADIOLOGY LECTURE in conjunction with the B.C. Radiological Society. Dr. William B. Seaman on *Current Concepts in Diseases of the Esophagus*. Holiday Inn.

8:00 p.m. E.S. WOODWARD ECONOMICS LECTURE. Dr. Victor Fuchs, professor of economics and medicine, Stanford University, with the first of two lectures on *Economics, Health, and Post-Industrial Society*. Room 102, Buchanan Building.

THURSDAY, NOV. 2

9:00 a.m. MEDICAL GRAND ROUNDS. Dr. H.J. Burhenne, professor and head, Department of Radiology, VGH, on *What the Internist Should Know About G.I. Radiology*. Lecture Hall B, Faculty of Medicine Building, 700 W. 10th Ave.

10:30 a.m. MARKETING WORKSHOP SEMINAR. Dr. James D. Forbes, Commerce, UBC, on *A Comparative Study of Auto Parts Pricing: U.S. vs. Canadian Experience*. Penthouse, Angus Building.

12:10 p.m. CENTRE FOR CONTINUING EDUCATION. Fourth in a series of five talks with the general title *Men Talk About Feminism*. David Hart, lawyer, on *Living With Equality: Who Wears the Pants?* Women's Resources Centre, 1144 Robson St. Information 228-2181, local 218.

12:30 p.m. WOMEN'S STUDIES LECTURE. Dr. Anna Foldes, editor of a Hungarian women's journal, Budapest, on *The Status of Women in Eastern Europe*. Room 205, Buchanan Building.

E.S. WOODWARD ECONOMICS LECTURE. Dr. Victor Fuchs with the second of two lectures on *Economics, Health, and Post-Industrial Society*. Room 102, Buchanan Building.

UNIVERSITY WIND ENSEMBLE, conducted by Martin Berinbaum, performs *Music of Wagner, Govanini, Rodgers, Strauss and Dahl*. Recital Hall, Music.

2:30 p.m. CONDENSED MATTER SEMINAR. Jerry Torrance, IBM, San Jose, on *Overview of Organic Metals and Insulators*. Room 318, Hennings Building.

3:30 p.m. APPLIED MATHEMATICS SEMINAR. Prof. James M. Varah, Computer Sciences, UBC, on *Stability Restrictions on Second Order, Three Level Finite Difference Schemes for Parabolic Equations*. Room 203, Mathematics Building.

4:00 p.m. DIAGNOSTIC RADIOLOGY LECTURE. Dr. William B. Seaman on *Normal Variants and Other Examples of Non-Disease of the G.I. Tract*. Film Library, Heather Pavilion, VGH.

PHYSICS COLLOQUIUM. P.C.W. Davies, King's College, London, on *Order and Disorder in the Universe*. Room 201, Hennings Building.

7:00 p.m. SUBFILMS. *Slap Shot* starring Paul Newman. Subfilms are shown at 7 p.m. Thursday and Sunday and at 7 and 9 p.m. Friday and Saturday. Admission \$1 with Library/AMS card. Student Union Building Theatre.

CENTRE FOR CONTINUING EDUCATION. First lecture-discussion in a series of six with the general title *New Approaches to Lifestyle Change*. Dr. John Milsum speaks on *Health and Wholeness*. Room G53 and G55, Woodward Instructional Resources Centre. \$35; enrolment limited. Information 228-2181, local 218.

8:00 p.m. CENTRE FOR CONTINUING EDUCATION presents Dr. Gay Luce, psychologist, in a lecture-discussion on *Life Changes: Aging and Youth*. Lecture Hall 2, Woodward Instructional Resources Centre. \$4; students \$3. Information 228-2181, local 261.

UNIVERSITY WIND ENSEMBLE, conducted by Martin Berinbaum, performs *Music of Wagner, Govanini, Rodgers, Strauss and Dahl*. Recital Hall, Music.

FRIDAY, NOV. 3

9:00 a.m. SCIENCE SPECTRUM on *Energy and the Environment* opens with keynote address by Dr. E. Linn Draper, director of the Nuclear Reactor Laboratory at the University of Texas, who speaks on *Global Energy Perspectives*. Keynote address only in Lecture Hall 2, Woodward Instructional Resources Centre. All other sessions of Science Spectrum will be held in the Neville Scarfe Building for education. Continues on Saturday, Nov. 4, from 9 a.m. For registration and program information, call Robert Carlisle, 228-5056.

PEDIATRICS GRAND ROUNDS. Dr. Margaret Johnston and Dr. J.A. Carruthers, Medicine, UBC, on *Zinc and the Skin in Infancy and Childhood*. Lecture Hall A, VGH.

12:30 p.m. UNIVERSITY CHAMBER SINGERS, directed by Cortland Hultberg, perform *Music of Debussy*. Recital Hall, Music Building.

1:00 p.m. MEDICAL GENETICS SEMINAR. Dr. H.F. Stich on *Environmental Carcinogenesis: Overview*. 4th floor conference room, Health Centre for Children, 715 W. 12th Ave.

3:30 p.m. SOIL SCIENCE SEMINAR. Dr. R.M. Strang, Plant Science and Forestry, UBC, on *Research and Rangeland Resources in British Columbia*. Room 154, MacMillan.

COMPUTER SCIENCE COLLOQUIUM with Dr. Michael Fischer, Computer Science, University of Washington, Seattle. Room 301, Computer Sciences.

LINGUISTICS COLLOQUIUM. Dr. Edward Matte, French, UBC, on *Nasalization in Gallo-Romance*. Room 2225, Buchanan Building.

7:30 p.m. ICE HOCKEY. UBC Thunderbirds open their open season against the University of Calgary. Thunderbird Winter Sports Centre.

8:00 p.m. UKRAINIAN STUDIES SEMINAR. Dr. John-Paul Himka, University of Alberta, on *Western Ukraine on the Eve of the First Emigration*. Room 157, Law Building.

UNIVERSITY CHAMBER SINGERS, directed by Cortland Hultberg, perform *Music of Debussy*. Recital Hall, Music Building.

8:30 p.m. BASKETBALL. UBC Thunderbirds vs. UBC Alumni. War Memorial Gymnasium.

SATURDAY, NOV. 4

7:30 p.m. ICE HOCKEY. UBC Thunderbirds vs. the University of Calgary. Thunderbird Winter Sports Centre.

8:30 p.m. BASKETBALL. UBC Thunderbirds vs. Dogwood Senior A team. War Memorial Gymnasium.