

ubc reports

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UBC VALUABLES MARKED

Operation Identification makes thievery hard work

It used to be thought that UBC was an easy place to steal from. The laboratories are full of very expensive equipment; typewriters and tape-recorders are commonplace. And the experienced thief can easily remove serial numbers.

But that is rapidly changing. UBC is now taking part in an RCMP program called "Operation Identification."

Every item of value on the campus is being engraved with the account number of the department that owns it. That number will be filed in a computer at RCMP headquarters in Ottawa so that not only can the item be identified immediately as belonging to UBC, it can also be traced back to the department from anywhere in Canada.

Recovering goods stolen from B.C. in other parts of the country is quite common, Dave Hannah, acting superintendent of traffic and security for UBC. The RCMP have just recently recovered a large number of stolen articles in eastern Canada, for example. "We feel that some of it may belong to us, but we have no way of identifying it," he says.

Theft of property costs UBC \$25,000 to \$30,000 a year. Articles most commonly stolen are pocket calculators, overhead projectors, typewriters, chairs, desks — almost any kind of furniture that can be carried away, in fact.

"A lot of buildings are vulnerable in the sense that they have to remain open at night for night school classes." And, he adds, a lot of students aren't too careful about locking doors when they leave a campus building after an evening of studying.

UBC decided to implement Operation Identification after hearing of the success the program has had in Burnaby where most private houses and all public schools have valuables marked. Since the program began in that area in May there has been a 36-per-cent reduction in residential burglaries as compared to last year during the same months.

The marking itself will act as a deterrent for most thieves, Mr. Hannah hopes. The account number will be marked on the item with an electric engraver and cannot be removed.

So far all valuables in the traffic and security office have been marked as well as some in the president's office and in Physical Plant. The campus patrol will continue this month marking

valuables in the smaller departments while the larger departments have been asked to arrange teams to engrave account numbers on valuables during the evening or on a weekend.

Students in residence will also be able to have their personal belongings identified by having their social insurance number engraved on valuables.

Briefs on UEL requested by UBC committee

An ad hoc Committee on the Future of the University Endowment Lands established by President Douglas Kenny has asked members of the University community to submit briefs for consideration by Nov. 5.

Dean of Graduate Studies Peter Larkin, chairman of the 16-member committee, said briefs should be sent to him at the Graduate Studies office in the General Services Administration Building on campus.

Dean Larkin said the committee had been asked to report to President Kenny by Nov. 15.

The committee's terms of reference are "to advise the president on the future development of the University Endowment Lands, keeping in mind the special nature of the endowment lands, their original purpose, their present use as well as the future land and related requirements of the University of British Columbia."

Prof. Larkin said the committee would welcome briefs from campus organizations and individuals on any matters affecting the endowment lands.

The committee's report will serve as the basis for a submission by the University to the University Endowment Lands Special Planning Project, which has established an office at 2174 Western Parkway in the University Village area near the campus.

The UEL study team, which was established in July by Environment Minister James Nielsen, plans to hold a public forum on the endowment lands next Wednesday (Oct. 27) at 7:30 p.m. in the Woodward Instructional Resources Centre.

The primary objective of the UEL study team is to develop recommendations for integrated land use and planning that will assist the provincial government in making decisions for the future use of the UEL.

The University Endowment Lands on the end of Point Grey were set aside by the provincial government in 1923 to provide land and revenue for UBC. The University campus occupies about 1,000 acres on the tip of Point Grey. About 750 acres of the endowment lands have been sold or leased by the provincial government, mostly for residential construction, and about 1,750 remain undeveloped.

IDENTIFICATION
ALL VALUABLES MARKED
PREMISES PROTECTED BY RCMP
OPERATION IDENTIFICATION
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Schwarz talk disruptions provoke statement on freedom of speech

Three speeches delivered to campus audiences last week by Harry Schwarz, a member of parliament in South Africa, were seriously disrupted by a group of people waving placards and chanting slogans.

The group, calling themselves the Ad Hoc Committee to Support the Just Struggle of the Azanian People, interrupted the three public speeches given by Mr. Schwarz on aspects of South Africa with chants of "fascists have no right to speak" and "go home."

On Wednesday, the day following the first speech, President Douglas Kenny issued the following statement.

I deplore in the strongest terms the recent disruption by a group of individuals of a lecture given on campus by Mr. Harry Schwarz, a member of parliament for the Progressive Reform Party of South Africa.

The denial of the right of free speech to a visitor to the University is a total rejection of the values on which a university is founded. Without freedom of thought, freedom of enquiry and freedom of speech a university cannot exist. These freedoms must be maintained at all costs.

I would be greatly disappointed if the individuals who took part in this offensive demonstration were UBC people. Such undemocratic refusal to grant a fair hearing to any person's views is not acceptable behavior by any member of the University.

Journalism at UBC?

A committee was established in the summer to investigate whether or not a graduate journalism program should be instituted at UBC. The committee, headed by Dr. Fred Bowers of the English department, would like to receive written submissions from interested students and faculty members who have views about a program of this nature — whether or not it is advisable and how it might be organized.

Submissions should be sent to Dr. Bowers by the end of November so that the committee can report to the Faculty of Graduate Studies by the new year.

The statement was spontaneously and unanimously endorsed by the Senate of the University later that day.

Chemistry professor honored again for work



Laurance Hall and medal

Prof. Laurance D. Hall, of UBC's chemistry department, has again been honored for his research activities, this time by the Chemical Society of London, England.

Prof. Hall attended the society's fall meeting in Sheffield late in September to receive the Corday-Morgan Medal and Prize, which includes a cash award.

The award was for Prof. Hall's contribution to the development of nuclear magnetic resonance techniques relating to the understanding of molecular structure and conformation.

In 1974, Prof. Hall was the recipient of the Carbohydrate Chemistry Award of the British Chemical Society, and of the Prof. Jacob Biely Faculty Research Prize from UBC.

The following year Prof. Hall was awarded the Merck, Sharpe and Dohme Lecture Award by the Chemical Institute of Canada.

Prof. Hall joins a distinguished group of UBC chemists who have been awarded the Corday-Morgan Medal and Prize in the past. Previous winners were Prof. Neil Bartlett, now at the University of California at Berkeley; Prof. A. I. Scott, now at Yale University; and Prof. Frank McCapra, who is this year a visiting professor at UBC on leave from the University of Sussex in England.

Senate

A report on the Bookstore

A survey of capital needs and long-term objectives of UBC's Bookstore is being carried out by Bookstore manager John Hedgecock. President Douglas Kenny told the October meeting of Senate last week.

President Kenny, who was reporting to Senate on a \$108,039 surplus made by the Bookstore in the last fiscal year, said the manager's report would be submitted to a joint faculty-student Bookstore committee that reports to the president.

President Kenny said the surplus represented approximately three per cent of the total revenue of the Bookstore in the 1975-76 fiscal year. He said he had checked with people both inside and outside the University and had been told that a three per cent profit was on the "knife edge of fiscal viability."

A slight change in buying habits could easily change the surplus into a loss, the president said.

President Kenny emphasized that the surplus was the result of the sale of stationery, calculators and sundry items, and not the sale of text and general books.

The Bookstore had gross sales of \$1.6 million on textbooks, which resulted in a loss of \$6,700. Gross sales of general books amounted to \$395,000 and a loss of slightly over \$11,000. UBC's annual book clearance last year had gross sales of \$149,000 and a loss of slightly over \$17,000.

Altogether, the president said, the Bookstore's loss on book operations totalled \$35,136.

The sale of stationery through the Bookstore yielded a profit of \$119,606, the president said, but 30 per cent of the sales were to UBC faculties and departments and represented an internal transfer of University funds.

Calculator sales resulted in a profit of \$14,430 and the sale of other Bookstore items resulted in a profit of \$9,138.

The president said the Board of Governors had a policy that the Bookstore must operate on a self-sustaining basis for both operating and capital funds. He said this policy was a requirement of the provincial government.

The president added that provincial government policy on capital grants may change in the future as the result

of the recent passage by the government of the B.C. Educational Institutions Capital Financing Authority Act, which is designed to assist educational institutions to finance capital expenditures by borrowing.

He said the University is seeking clarification from the Universities Council and the provincial government on "the rules of the game" for borrowing capital under the new act.

The president also assured Senate that the 1975-76 surplus and a \$119,358 surplus from the previous fiscal year had been placed in a reserve for future capital expansion of the Bookstore.

Replying to a question, President Kenny said he hoped the University would not have to draw on the surplus if operating deficits occurred in the Bookstore in the future.

He said the University might be forced to dip into the surplus by an unexpected drop in student enrolment or an economic depression that reduced grants from the government. He added, however, that as a general approach, University policy would be to leave the reserve intact for future expansion of the Bookstore.

On another matter related to the Bookstore, Senate voted to ask its nominating committee to strike an ad hoc committee to consider a motion submitted by four members of the Faculty of Arts.

The motion asked that Senate adopt the principle that the Bookstore is an academic service to the University analogous to that of the library and the Computing Centre, contributing services of a broad education character.

The motion also asked that an ad hoc committee be formed to examine the implications of the principle as well as a series of eight proposals related to the administration and financing of the Bookstore.

Dr. Malcolm McGregor, of the Senate agenda committee, said it was felt a special committee was necessary because the motion contained financial implications.

New exam policies approved

New policies and practices related to student examinations at UBC were approved by Senate after review by University faculties and schools.

Senate approved five recommendations, which will apply in

all UBC faculties with the exception of the Faculty of Graduate Studies and post-graduate professional faculties.

Recommendation 1 of the report, prepared by a committee chaired by Prof. Malcolm McGregor, Classics, urges faculties to make full use of December and April formal exam periods.

It also provides for December and April exams for all courses designed for first- and second-year students, unless exemption is granted by the relevant dean or department head "for sound academic reason," and for the reporting of results in the same form as final results.

Recommendation 2 called on Senate to re-emphasize and insist upon adherence to a previous statement of policy that forbids the holding of any exam, formal or informal, during the two weeks preceding the scheduled exam periods in December and April. The policy does not apply to regular weekly or bi-weekly tests or to current practices in laboratories.

Recommendation 3 requires "scrupulous adherence by invigilators to the regulations governing invigilation of exams," and Recommendation 4 provides for slight revision of instructions printed on exam booklets.

Recommendation 5 urges faculties to curtail the use of take-home exams, both in the extent of their administration and in the weight assigned to them in the calculation of marks.

Prof. McGregor said the faculties were in almost complete agreement with the report, which had been prepared in response to reports of abuses and complaints from students and faculty members.

Non-smokers liberation

Senate has reaffirmed its ban on smoking in University classrooms at the request of student senator Joan Blandford.

Ms. Blandford was supported in her request for reaffirmation of the ban by President Douglas Kenny, who said that if Senate had passed rules they should be adhered to, "otherwise we shouldn't have them."

The president said deans, department heads and individual faculty members had an obligation to ensure that the rule against smoking was enforced at UBC.

Ms. Blandford said it was difficult

for non-smokers to concentrate in classrooms where smoking was permitted. She added: "It's also very difficult for a student to stand up in the classroom and request that students not smoke when the faculty member is smoking."

President Kenny said no-smoking signs are available for posting throughout the University. They may be obtained from the planning division of Physical Plant, local 2513.

Tenure review proceeding

A review of tenure by UBC's Board of Governors is proceeding and a report is expected before the end of the current academic year, Senate was told at its October meeting.

In a letter to Senate, the secretary to the Board said specific attention is being directed to the criteria used for granting tenure, the relative weights placed on the criteria, the methods used in ascertaining performance by faculty members, and the extent to which the criteria are applied consistent with the interests of the department and the University in maintaining strength and balance.

The tenure review, which is being carried out by the Board's staff committee, was requested in a motion passed by Senate in February.

Student elections set

Dates for student elections to UBC's two main governing bodies — the Board of Governors and the Senate — were approved at the Oct. 13 meeting of Senate.

Students will go to the polls on Jan. 19, 1977, to elect two members to the 15-member Board of Governors and 17 members to the 86-member Senate. Those elected will hold their posts for one year.

Senate, which is responsible for regulations governing elections to the Board and Senate, approved the following schedule of dates for the elections: call for nominations - Nov. 19; close of nominations - 4 p.m. on Dec. 21; advance polls - 5 to 7 p.m. on Jan. 18; election day - Jan. 19.

All elections to the Board and Senate are conducted by UBC's registrar, J. E. A. Parnall. Students elected to the Board will take office next February. Student senators will take office at the April meeting of Senate.

NEXT WEEK AT UBC

Notices must reach Information Services, Main Mall North Admin. Bldg., by mail, by 5 p.m. Thursday of week preceding publication of notice.

12:30 p.m. EXERCISE CLASS for faculty and staff, men and women. Class meets five times a week from 12:30 to 1:05 p.m. Gym B, South Campus P.E. Complex. Call Recreation UBC, 228-3996, for information.

MONDAY, OCT. 18

11:30 a.m. COMPUTER SCIENCE COLLOQUIUM. Dr. James C. King, IBM, Thomas J. Watson Research Center, New York, on **Proving the Correctness of Programs.** Room 308, old Engineering Building.

12:30 p.m. CANCER RESEARCH CENTRE. Nelly Auersperg, Cancer Research Centre, UBC, on **Report on NCI Workshop: Viruses and Human Cancer.** Library, Cancer Research Centre, Block B, Medical Sciences Building.

3:00 p.m. CARDIOVASCULAR STUDY GROUP. Dr. Leon I. Goldberg, professor of medicine and pharmacology, University of Chicago, on **Cardiovascular Drugs.** Lecture Hall 4, Woodward Instructional Resources Centre.

3:30 p.m. MANAGEMENT SCIENCE SEMINAR. Dr. S.L. Brumelle, Commerce and Business Administration, UBC, on **A Generalization of Erlang's Loss System.** Room 321, Angus Building.

MECHANICAL ENGINEERING SEMINAR. Peter Sullivan, graduate student, Mechanical Engineering, UBC, on **Three-Dimensional Effects on Wind-Induced Galloping Oscillations.** Room 1215, Civil and Mechanical Engineering Building.

KABUKI FILM presented by Tetsuro Nakamura, Kabuki expert. Sponsored by Asian Studies, UBC. Room 100, Buchanan Building.

4:00 p.m. ASTRONOMY AND SPACE SCIENCE SEMINAR. Dr. Gilles Beaudet, University of Montreal, on **The Deuterium Problem.** Room 318, Hennings Building.

BIOCHEMISTRY SEMINAR. Dr. Larry Skogerson, biochemistry department, Columbia University, New York, on **Interaction of Inhibitors of Protein Synthesis with Yeast Ribosomes.** Lecture Hall 3, Woodward Instructional Resources Centre.

4:30 p.m. PHYSIOLOGY SEMINAR. Dr. William Prince, A.R.C. Unit on Invertebrate Physiology, zoology department, University of Cambridge, England, on **Role of Cyclic AMP and Calcium in Fluid Secretion in Salivary Glands.** Room 2449, Biological Sciences Building.

7:00 p.m. INTERNATIONAL FOLK DANCING. Emphasis on dances from eastern Europe. Every Monday until 10 p.m. International House. For further information, call R. Fraley, 228-2083.

8:00 p.m. IMMUNOLOGY SEMINAR. Dr. Marvin Rittenberg, professor of microbiology, University of Oregon Medical School, Portland, on **An *In Vitro* Model to Study the IgM to IgG Switch in Antibody Production.** Salon B, Faculty Club.

DR. J.F. McCREARY LECTURE. Dr. Leon I. Goldberg, professor of medicine and pharmacology, chairman of Committee on Clinical Pharmacology, University of Chicago, on **The Development of New Drugs: Interprofessional Implications.** Lecture Hall 2, Woodward Instructional Resources Centre.

TUESDAY, OCT. 19

12 noon CANADIAN CITIZENSHIP REGISTRATION. Continues until 8 p.m. Tuesdays until Nov. 9 at International House. For further information, call 666-3971 (days) or 253-4391 (evenings).

12:30 p.m. BOTANY LECTURE. Richard Hebda, Botany, UBC, on **The Birth and Death of a Raised Bog: The Paleocology of Burn's Bog, Delta, B.C.** Room 3219, Biological Sciences Building.

3:30 p.m. OCEANOGRAPHY SEMINAR. Dr. R.W. Burling, Institute of Oceanography, UBC, on **Center of Cold Resources Engineering (CORE) at Memorial University, St. John's, Newfoundland.** Room 1465, west wing, Biological Sciences Building.

4:00 p.m. BIOCHEMICAL DISCUSSION GROUP. Dr. Mike Smith, Biochemistry, UBC, on **Sequence of Bacteriophage Phi X174 DNA.** Lecture Hall 5, Woodward Instructional Resources Centre.

4:30 p.m. CHEMISTRY SEMINAR. Dr. L. Weiler, Chemistry, UBC, on **An Organic Chemist's View of One-Dimensional Metals.** Room 250, Chemistry Building.

REGENT COLLEGE FACULTY SEMINAR. Dr. Grace Dyck, Trinity Western College, on **Chains of Human Freedom: Currents in 19th Century Philosophy.** Regent College, 2130 Westbrook Crescent.

5:00 p.m. CURLING. A mixed league for novices and experienced curlers. Continues Tuesday evenings until 7:00 p.m. For more information, call 228-4186 or 228-3478.

7:30 p.m. BADMINTON CLUB. New faculty and staff members welcome. Club meets Tuesday and Friday evenings from 7:30 to 11:00 in Gym A, Thunderbird Winter Sports Centre.

8:00 p.m. CUSO Development Awareness Lecture. Dr. R.S. Anderson, Institute of Asian and Slavonic Research, UBC, leads the discussion on **Cultivating Famine.** The second in a series of five lectures on "Conflicts in Development." Room 202, Buchanan Building.

ARCHAEOLOGICAL SOCIETY LECTURE. Dr. Richard Unger, History, UBC, on **Excavating Viking Ships.** Room 104, Lasserre Building.

8:30 p.m. OPENING OF EXHIBIT Bo'jou Neejee, a collection of Canadian Indian artifacts and works of art from the mid-19th century on loan to the Museum of Anthropology from the National Museum of Man in Ottawa. Reception follows. Museum of Anthropology. On display at the museum until Dec. 31.

WEDNESDAY, OCT. 20

12:30 p.m. NOON-HOUR CONCERT. Paul Douglas, flute; and Fredrick Geoghegan, organ, play **Music of Vinci, Vivaldi and Marcello.** Recital Hall, Music Building.

PHARMACOLOGY SEMINAR. Dr. C. Bates, Departments of Anaesthesia and Pharmacology, UBC, on **Immunologic Effects of Anaesthetics.** Room 221, Block C, Medical Sciences Building.

12:35 p.m. FREESEE FILMS. The second of seven films from the Civilisation series - **The Great Thaw.** Auditorium, Student Union Building. Free.

2:30 p.m. APPLIED MATH SEMINAR. Prof. B.N. Moysl, Mathematics, UBC, on **The Road to the Institute of Applied Mathematics at UBC.** Room 202, Mathematics Building.

3:30 p.m. CHEMICAL ENGINEERING SEMINAR. G.S. McNab, University of Oxford, England, on **Stereophotogrammetry Applied to Spouted Beds.** Room 206, Chemical Engineering Building.

STATISTICS WORKSHOP. S.G. Ghurye, visiting professor, Mathematics, UBC, on **Identification of Parameters by the Distribution of the Maximum Random Variable: An Exercise in Calculus.** Room 321, Angus Building.

4:30 p.m. ANIMAL RESOURCE ECOLOGY SEMINAR. Dr. P. Ives, Institute of Animal Resource Ecology, UBC, on **"Ladybird, ladybird fly away ..."** **Where, When and How?** Room 2449, Biological Sciences Building.

HISTORY COLLOQUIUM. Prof. George Egerton on **Great Britain and the American Debate on the Ratification of the Treaty of Versailles 1919-1920.** Penthouse, Buchanan Building.

7:30 p.m. FOLK DANCING. A program of beginning and intermediate dances open to all. Continues Wednesday evenings until 10:30 p.m. International House. Call 224-0226 or 228-8415 for more information.

CANADIANS FOR HEALTH RESEARCH. Organizational Meeting for citizens concerned with the state and future of medical research funding in Canada. Auditorium, Vancouver Public Library, 750 Burrard St.

Please turn over

WEDNESDAY, OCT. 20

Continued

- 7:30 p.m. **DENTISTRY SEMINAR.** Dr. Bengt F. Ingervall, School of Dentistry, University of Gothenburg, Sweden, on **Recent Scandinavian Studies of Functional Disturbances of the Occlusion and their Relationship to Orthodontics.** Music Room, Faculty Club.
- 8:00 p.m. **AND MISS REARDON DRINKS A LITTLE.** Play by Paul Zindel performed nightly until Saturday, Oct. 23. Tickets: \$3, students \$2. For reservations call 228-2678. Dorothy Somerset Studio.

THURSDAY, OCT. 21

- 12 noon **RESEARCH, SCIENCE AND TECHNOLOGY WORKSHOP.** W.H.C. Simmonds, Industrial Programmes, NRC, on **The Usefulness of Technological Forecasting for Industry.** Conference Centre, Angus Building. Fee, \$25. For further information, call Chris de Bresson at 228-6153, or Executive Programmes at 228-3200.
- 12:30 p.m. **HABITAT FILM PREVIEW** from the UBC Centre for Human Settlements. Three European films are featured in the second of a continuing weekly series of representative national films prepared for the Habitat conference. Discussion follows led by Dr. Peter Oberlander and Jim Carney, Centre for Human Settlements. Room 879, Woodward Instructional Resources Centre.
- UNIVERSITY SYMPHONY ORCHESTRA** directed by Douglas Talney plays **Music of Schumann, Grieg and Weber.** Old Auditorium.
- 2:30 p.m. **CONDENSED MATTER SEMINAR.** Dr. M.J. Crooks, Physics, UBC, on **Is the Superfluid Transition Temperature in ^4He affected by Heat Flow?** Room 318, Hennings Building.
- 3:45 p.m. **APPLIED MATH AND STATISTICS COLLOQUIUM.** Prof. L.C. Woods, Institute of Mathematics, University of Oxford, England, on **Entropy and Pink Elephants.** Room 2449, Biological Sciences Building.

- 4:00 p.m. **PHYSICS COLLOQUIUM.** R. Drever, Department of Natural Philosophy, University of Glasgow, Scotland, on **Gravitational Wave Experiments.** Room 201, Hennings Building.
- 8:00 p.m. **GRADUATION RECITAL.** David Keeble, composer, with **Music of Keeble.** Recital Hall, Music Building.
- 10:30 p.m. **UBC PUBLIC AFFAIRS** presented by the Centre for Continuing Education. This week's program is **The Middle East.** Channel 10, Vancouver Cablevision.

FRIDAY, OCT. 22

- 9:00 a.m. **PEDIATRICS GRAND ROUNDS.** Dr. Alexander Ferguson, UBC, on **Malnutrition and Immunity.** Lecture Room B, Heather Pavilion, Vancouver General Hospital.
- 3:30 p.m. **COMPUTER SCIENCE COLLOQUIUM.** Dr. Harvey Abramson, Computer Science, UBC, on **TOFI: A Tree Oriented String Interpreter for the Design and Implementation of Semantics.** Room 326, Angus Building.
- FINANCE WORKSHOP.** Dr. Robert White, Commerce and Business Administration, UBC, on **The Price Effects of Rights Offerings.** Room 325, Angus Building.
- 8:00 p.m. **UNIVERSITY SYMPHONY ORCHESTRA** directed by Douglas Talney play **Music of Schumann, Grieg and Weber.** Old Auditorium.

SATURDAY, OCT. 23

- 8:00 p.m. **DISCO DANCING** in The Pit. Music supplied by CTR radio disk jockeys. Continues until 12:30 a.m. Admission free. Student Union Building.
- 8:15 p.m. **VANCOUVER INSTITUTE LECTURE.** Prof. Thomas C. Hall, director, Cancer Control Agency of B.C., and professor of medicine, UBC, on **Emerging Understanding of Cancer Causation.** Lecture Hall 2, Woodward Instructional Resources Centre.

NEXT WEEK AT UBC

Notices must reach Information Services, Main Mall North Admin. Bldg., by mail, by 5 p.m. Thursday of week preceding publication of notice.

SUNDAY, OCT. 24

3:00 p.m. **SLAHAL**, a singing and gambling game of the Coast Salish Indians, demonstrated by Wendy Stuart. Participants will play the game accompanied by singing and drumming. Museum of Anthropology, Northwest Marine Drive. Regular museum admission charged.

MONDAY, OCT. 25

TERM PAPER CLINIC. Appointments available anytime between 10 a.m. and 2 p.m. for the next two weeks for students requiring individual assistance locating Sedgewick Library materials for term papers and essays. Ends Nov. 5. Sign up at Sedgewick Library Information Desk.

12:30 p.m. **CANCER RESEARCH SEMINAR**. Connie Gregory, B.C. Cancer Foundation, on **Differentiation Markers in Mouse and Human Hemopoietic Cells**. Library, Cancer Research Centre, Block B, Medical Sciences Building.

3:45 p.m. **MANAGEMENT SCIENCE SEMINAR**. Dr. M. L. Puterman, Commerce and Business Administration, UBC, on **Convergence of Policy Improvement in Dynamic Programming**. Room 321, Angus.

4:00 p.m. **ASTRONOMY AND SPACE SCIENCE SEMINAR**. Dr. John Kormendy, University of California, Berkeley, on **Brightness Distributions in Compact and Normal Galaxies**. Room 318, Hennings.

4:30 p.m. **CANCER CONTROL SEMINAR**. Dr. David Kessel, Pharmacology and Oncology, Milton A. Darling Memorial Center, Detroit, Mich., on **Anticancer Drug Effects on Cell Surfaces**. Second floor conference room, Cancer Control Agency of B.C., 2656 Heather St.

TUESDAY, OCT. 26

3:30 p.m. **ENGLISH COLLOQUIUM**. Dr. Graham Good, English, UBC, on **Re-Reading Stevenson: The Novel of Action**. Penthouse, Buchanan Building.

4:30 p.m. **CHEMISTRY SEMINAR**. Prof. E. Atkins, Physics, University of Bristol, England, on **X-ray Structure of Biopolymers**. Room 250, Chemistry Building.

WEDNESDAY, OCT. 27

12:00 noon **RESOURCE POLICY AND MANAGEMENT ISSUES WORKSHOP**. Hon. J. V. Clyne, former chairman, MacMillan Bloedel Ltd. and now member of board of directors of that company, on **Resource Policy in British Columbia**. Room 125, Angus Building.

12:30 p.m. **HISTORY LECTURE**. Prof. Derek Pearsall, Medieval Studies, University of York, England, on **The Troilus Frontispiece and Chaucer's Audience**. Room 102, Lasserre Building.

PHARMACOLOGY SEMINAR. Prof. James Kutney, Chemistry, UBC, on **Studies on Clinically Important Anti-Tumor Agents**. Room 221, Block C, Medical Sciences Building.

NOON HOUR CONCERT. Gloria Doubleday, mezzo-soprano; and Harold Brown, piano, perform **Music of Barber and Granados**. Recital Hall, Music Building.

12:35 p.m. **FREESSE FILM SERIES**. The third of seven films from the **Civilisation** series — **Romance and Reality**. Auditorium, Student Union Building. Free.

3:30 p.m. **CHEMICAL ENGINEERING SEMINAR**. A. Hirata, Waseda University, Tokyo, on **Interfacial Velocity Effect on Mass Transfer**. Room 206, Chemical Engineering Building.

ENGLISH SEMINAR. Prof. Derek Pearsall, Medieval Studies, University of York, England, on **Piers Plowman — The Text and the Texts**. Penthouse, Buchanan Building.

APPLIED MATH AND STATISTICS WORKSHOP. Prof. Cesareo Villegas, Mathematics, SFU, on **Inner Statistical Inference**. Room 321, Angus Building.

OCEANOGRAPHY SEMINAR. Dr. June Siva, Atlantic Richfield Co., San Diego, Calif., on **Oil Spill Response Planning for Biologically Sensitive Areas**. Room 1465, west wing, Biological Sciences.

4:00 p.m. **HEALTH CARE AND EPIDEMIOLOGY SEMINAR**. Dr. John Milsum, Health Care and Epidemiology, UBC, on **Health Hazard Appraisal as a Core Facility for Health Promotion and Illness Prevention**. Room 146, Mather Building.

GEOPHYSICS AND ASTRONOMY SEMINAR. Dr. R. D. Russell, Geophysics and Astronomy, UBC, on **The International Geodynamics Program**. Room 260, Geophysics Building.

4:30 p.m. **PHYSIOLOGY SEMINAR**. Dr. Carl Walters, Institute of Animal Resource Ecology, UBC, on **Models, Myths and Strategies for Ecological Research**. Room 2000, Biological Sciences Building.

7:30 p.m. **ENDOWMENT LANDS PUBLIC FORUM** with the UEL study team established by Environment Minister Jim Nielsen, Lecture Hall 2, Woodward Instructional Resources Centre.

THURSDAY, OCT. 28

12:30 p.m. **ANNUAL TEA CUP BOWL FOOTBALL GAME**. UBC Nurses v. Home Economics. Admission by donation for various charities. Thunderbird Stadium.

FACULTY RECITAL. James Fankhauser, tenor; and Robert Rogers, piano, perform **Music of Ives and Britten**. Recital Hall, Music Building.

2:30 p.m. **CONDENSED MATTER SEMINAR**. Mike Thewalt, UBC, on **Bound Excitons and Bound Multi-Exciton Complexes in Si**. Room 318, Hennings Building.

3:45 p.m. **APPLIED MATH AND STATISTICS COLLOQUIUM**. Dr. George Bluman, Mathematics, UBC, on **The Use of Similarity Methods to Relate Solutions of Partial Differential Equations**. Room 2449, Biological Sciences Building.

4:00 p.m. **PHYSICS COLLOQUIUM**. K. Colbow, Physics, SFU, on **Slime Moulds**. Room 201, Hennings Building.

4:30 p.m. **BIOMEMBRANES GROUP SEMINAR**. Dr. A. P. Singh, Biochemistry, UBC, on **Studies on Energy Transduction in Bacterial Membranes**. Lecture Hall 1, Woodward Instructional Resources Centre.

FRIDAY, OCT. 29

9:00 a.m. **PEDIATRICS GRAND ROUND on Jaundice in the Newborn — Recent Diagnostic and Therapeutic Advances**, presented by the Division of Pediatric Surgery, VGH. Lecture Room B, Heather Pavilion, VGH.

3:30 p.m. **COMPUTER SCIENCE COLLOQUIUM**. Dr. Uri Ascher, Computer Science, UBC, on **Linear Programming Algorithm for the Chebyshev Solution to a System of Consistent Linear Equations**. Room 326, Angus Building.

8:00 p.m. **CANADIAN PRISONS SYMPOSIUM**. Francis Fox, solicitor general of Canada, will deliver the opening address for this two-day symposium in Lecture Hall 2, Woodward Instructional Resources Centre. Symposium continues all day Saturday. For information, call the Centre for Continuing Education, 228-2181.

FACULTY RECITAL with Jane Martin, flute, and Jocelyn Pritchard, piano. Recital Hall, Music Building.

SATURDAY, OCT. 30

9:00 a.m. **CONTINUING AND COMMUNITY EDUCATION HEARINGS**. Commission established by the Department of Education and headed by Dr. Ron Faris to look into ways of delivering continuing and community education to adults throughout B.C. Those interested in adult education are invited to present written and oral briefs to the commission. Continues until 5 p.m. Maritime Museum, 1905 Ogden St., Vancouver.

8:15 p.m. **VANCOUVER INSTITUTE**. English troubador Martin Best, guitarist, lutenist and singer, gives a concert-lecture. Lecture Hall 2, Woodward Instructional Resources Centre.