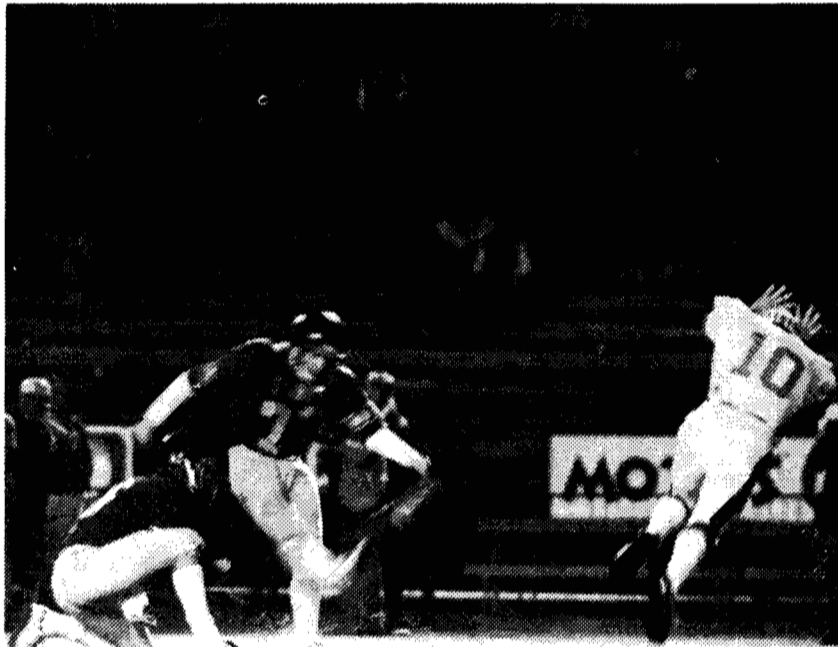


UBC reports

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Jim Banham photo

Fourth-quarter field goal by UBC place kicker Ken Munro went through the uprights despite sterling effort by Simon Fraser defensive back Ed Jones (10) who tipped the ball slightly. UBC Thunderbirds scored a single point on a punt into the end zone later in the quarter to eke out a 4-3 win over the SFU Clansmen in a rain-soaked contest at Empire Stadium last Friday (Oct. 19).

Birds victorious again

The UBC Thunderbirds nipped Simon Fraser University Clansmen 4-3 at Empire Stadium Friday night to win a water-filled Shrum Bowl, and this Saturday at Thunderbird Stadium they resume their quest for the College Bowl.

University of Alberta Golden Bears are the visitors, and the Birds must win or tie to get the home field advantage Nov. 3 in the sudden-death playoff for the Western Intercollegiate Football League championship. Should the Birds lose on Saturday, the playoff game would be in Edmonton.

Winner of the Nov. 3 playoff meets the Maritimes winner Nov. 10 in the Atlantic Bowl in Halifax, with the winner of that one going on to the College Bowl Nov. 17 in Toronto against the Ontario-Quebec champion.

Thunderbirds were defeated by Queen's University in last year's College Bowl.

Friday night's Shrum Bowl was played before a pro-Thunderbird crowd of 12,420, and UBC head coach Frank Smith said it helped to have that support. He expressed the hope that enough Shrum Bowl enthusiasm would carry over to Thunderbird Stadium this Saturday to provide

packed-house support for UBC against Alberta. Game time is 2 p.m.

The artificial turf of Empire Stadium was a sheet of water during the first half of Friday night's game, as near-torrential rain fell steadily. The rain eased for the second half, but field conditions weren't much better. With neither team able to mount much in the way of sustained offence, it was a question of who would make the fewer mistakes. And that battle was clearly won by UBC.

The Clansmen fumbled the ball nine times, UBC only three times. Although the Birds recovered only two of the SFU fumbles, the miscues often cost the Clan good field position. UBC gave up the ball only once on a fumble.

In the first half, each team had two scoring opportunities, gaining possession inside the opposition 40-yard-line, but neither could capitalize. Ken Munro missed twice for UBC on long-range field goal attempts, and a bad snap from centre ruined a field goal attempt by Brian Grant of SFU. The Clan's best scoring chance came midway through the second quarter when

Continued on page 2

Three UBC students honored for achievement and service

After careful consideration of 19 students, selection committees have named a fourth year medical student and two first year law students winners of UBC's three leading scholarships awarded for a combination of academic achievement and participation in UBC and community activities.

The winner of the \$2,500 Sherwood Lett Memorial Scholarship is Robert Mack, last year's medical class president who has been extremely active in student affairs while remaining near the top of his class in academic ranking.

The \$1,000 Harry Logan Memorial Scholarship has been awarded to Anders Ourom and the \$1,500 Amy Sauder Scholarship goes to Susan Paish, both of whom are enrolled this year in first year Law.

Robert Mack, winner of the Sherwood Lett award, which is named for a former UBC chancellor and Chief Justice of British Columbia, took his Bachelor of Science in honors chemistry from UBC, graduating with distinction in 1971. He entered the medical faculty here in 1976 and since that time has been student representative to the Faculty of Medicine, class president and member of the Medical Undergraduate Society executive.

He is presently involved in the development of an ethics course for fourth year medical students so that students have an opportunity to discuss social issues and ethics in medical practice.

He participated last summer in UBC's Rural Doctor program, working with the doctors of Clearwater, B.C. and intends, following graduation to practise general medicine in a small B.C. community.

Susan Paish, winner of the Amy Sauder Scholarship, has entered first

year Law this year on a combined Bachelor of Law/Bachelor of Commerce program. A native of New Denver, B.C., she attended Centennial secondary school before entering UBC in 1975. During her three years in the Faculty of Commerce, she maintained a consistently high academic standing, making the Dean's Honor List each year.

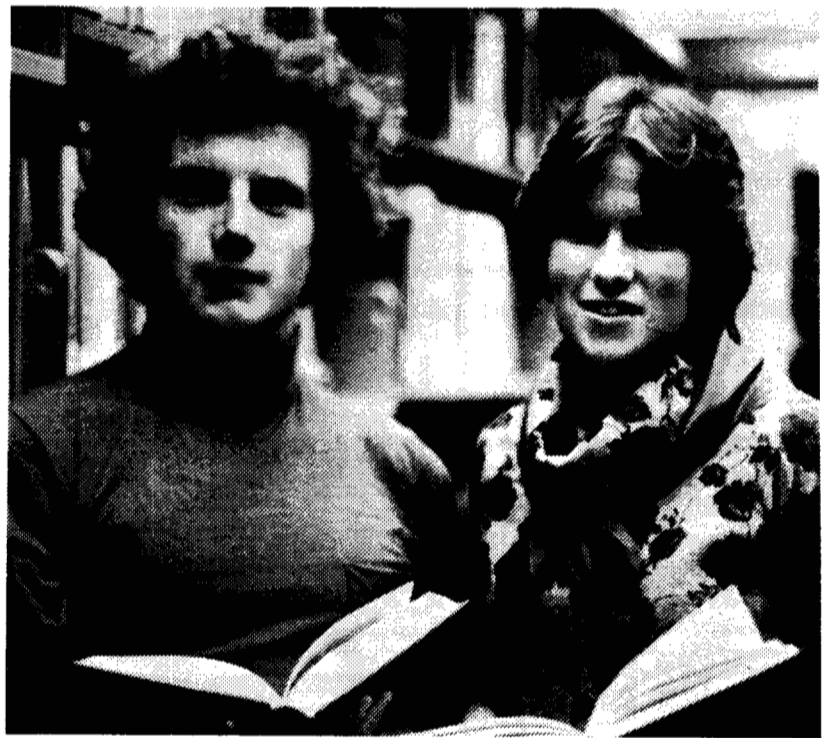
For three consecutive years, Ms. Paish has been awarded the General Motors Summer Scholarship. She has served as member-at-large for the Commerce Undergraduate Society and has been involved in the Industrial Relations Management Option club in Commerce.

While in residence, Ms. Paish was sports director for the Totem Park residence, and now enjoys squash, swimming and jogging regularly.

The Harry Logan scholarship, won by Anders Ourom, is named for the late Harry T. Logan, former head of UBC's Department of Classics and one of the original members of the UBC faculty when the University first opened in 1915.

Anders Ourom, a Vancouver resident, was an honors History student in the Faculty of Arts before entering the Faculty of Law this year. He has been active as a mountain-climber with the Varsity Outdoors Club, an associate director of the men's intramural program, and has served as Arts representative to the Student Representative Assembly. He now holds the position of Assistant Director of Finance with the AMS.

Mr. Ourom is currently writing a *Climber's Guide to the Squamish Chief*, which will be published by the B.C. Mountaineering Club in the spring. He hopes to enter graduate studies in international law following completion of his UBC law degree.



Jim Banham photo

First year law students Anders Ourom, left, and Susan Paish are two of the three students named as winners of UBC's leading scholarships for academic achievement and service.

Meetings set to hear erosion control proposals

Four public meetings have been scheduled to consider erosion control proposals for the Point Grey cliffs.

A meeting at Lord Byng School at 7:30 p.m. on Thursday, Nov. 8, will discuss the master plan report prepared for the University of B.C. by Swan Wooster Engineering of Vancouver.

The following night, Nov. 9, a 7:30 p.m. meeting at Lord Byng School will consider a brief presented by the Wreck Beach Committee, represen-

ting concerned people who use the beach below the cliffs, and the general public.

Briefs covering any other proposals must be submitted to UBC governor Stanley Weston by Nov. 2, and these will be discussed at two public meetings in the Hebb Theatre at UBC on Saturday, Nov. 10. The first meeting will be held in Hebb from 2:00 p.m. to 5:30 p.m., and an evening meeting will start at 7:30 p.m.

Anyone wishing to submit a brief for the Saturday meetings should con-

tact Weston at 228-5311 for guidelines. Weston, a soils expert, will chair all of the meetings.

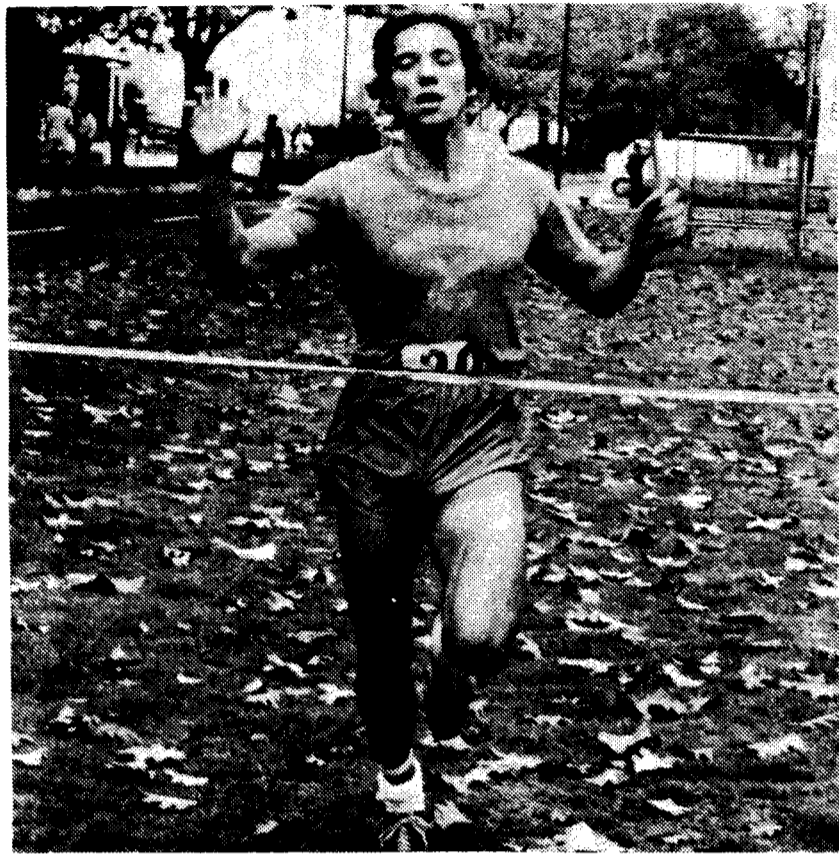
A limited number of copies of all briefs will be made available at the first public meeting to persons who telephone a reservation to Weston before 4 p.m. on Nov. 5, at 228-5311.

Weston said no briefs will be read aloud at the meetings. He said anybody wishing to question an individual brief will have to be familiar with the contents before the meeting.

All briefs, records of the public

meetings and Weston's recommendations will be submitted to the property committee of the UBC Board of Governors on Dec. 4.

The Board of Governors appointed Weston earlier this month to serve as a one-man task force on the cliff erosion problem. He was asked to make the Swan Wooster master plan public, consult with interested groups and obtain their views, and then prepare a written plan of operation for immediate remedial action.



Jim Banham photo

First to cross the finish line in last week's diamond jubilee running of the Arts '20 relay race was zoology graduate student Peter Hamilton, anchorman for the UBC rowing team. More than 650 students representing some 80 teams took part in the annual run from the grounds of the Vancouver General Hospital to Main Mall near the Cairn. Rowers, who have won the eight-lap race four out of the last five years, were followed by the UBC foresters, engineering underdogs, engineers no. one team and a team representing the Faculty of Science.

UBC loses two former faculty

Two former faculty members, Dr. John McCreary and Dr. Coolie Verner, both innovators in their fields, have died.

Dr. John F. McCreary, former dean of medicine at UBC, champion of university health sciences centres and the concept of the health team, died of a heart attack at his home at Gibsons, B.C., Oct. 14. He was 69.

As president of the Association of Canadian Medical Colleges from 1963 to 1966 he persuaded the federal government to set aside half a billion dollars in a health resources fund to build health education buildings across Canada.

When he became dean of UBC's Faculty of Medicine in 1959, he could have dedicated his career to building a faculty along the lines of the medical schools at Harvard or McGill where excellence in scientific medicine was paramount.

Instead he aimed at building a health sciences centre where students in the health sciences would be trained in close association with each other so that as working professionals, each would know the competence and limitations of other professions.

Dr. McCreary saw this as the major contribution universities could make to deal with the explosion of non-medical health specialties since the Second World War, and the demands on the health care system introduced by medicare. He wanted to integrate non-medical health professionals into health care as a health team.

Dr. McCreary was born in Ontario and graduated in medicine from the University of Toronto in 1934. He took post-graduate training in pediatrics in Boston and Toronto.

From 1945 to 1951 he practised pediatrics in Ontario and described these as the happiest days of his life. He became head of UBC's Department of Paediatrics in 1951, one year after the Faculty of Medicine was established. He was dean of the faculty for 13 years until 1972 when he became Co-ordinator of Health Sciences, a post he held until retirement in 1975.

The government of Canada recognized his achievements by awarding him a Centennial Medal in 1967 and by investing him as an Officer of the Order of Canada in 1974 for "contributions to the advance of medical research and the teaching of medicine."

Dr. Coolie Verner, former chairman of adult education in UBC's Faculty of Education, died of cancer on Oct. 12 on Mayne Island.

He was one of the most prolific contributors to the new discipline of adult education.

He took a bachelor of arts degree from the College of William and Mary in Virginia in 1937. During World War II he rose from private to captain in the U.S. Army and served in the American, European and Pacific theatres.

In 1950 he took a master's degree in arts at the College of William and Mary and another master's degree one year later from Columbia University in New York. He earned his Ph.D. from Columbia in 1952.

Besides adult education, his professional activities included rural sociology. In his latter years his interest turned to historical cartography where he is regarded as a pioneer.

Dr. Verner joined the UBC faculty as chairman of adult education in 1961 and resigned as chairman to continue as a professor in adult education in 1973. He took an early retirement two years ago at the age of 60.

Another familiar face around the campus, UBC's head carpenter Mel Johnson collapsed and died suddenly on Saturday, Oct. 20. He had been a UBC employee for 23 years, involved in many of the alterations campus buildings have undergone in that time.

Born in 1919, Mr. Johnson had been an RCAF ground crew mechanic during World War II. He joined the University's physical plant department as a carpenter in 1956, becoming head carpenter 12 years ago in 1967.

He is survived by his wife, Edith.

Research park raises questions

Concerns about the use and total effect of having a Discovery Park on UBC land were the subject of a lengthy discussion at the University Senate's October meeting.

Several student members of Senate addressed questions about the proposed park, described at the last Senate meeting, to Senate's chairman, UBC president Douglas Kenny.

In replying to student senator Chris Niwinski's question about whether or not people living near the proposed park, on University land south of 16th Avenue, had been consulted, President Kenny replied that two years ago he had made a general public statement that the subject of a discovery park on the campus was under consideration. "The wide community in general knew about it," the president said. "It was no state secret."

Another student senator expressed concern that if the discovery park is successful, expansion of its facilities would be inevitable. Would that expansion be on the endowment lands or UBC land? President Kenny said that there had been no discussion between UBC people and the provincial government about expansion of Discovery Park. He presumed, however, that because the two MLAs for the Point Grey riding had publicly expressed their opinion that the University Endowment Lands would be best kept in their natural state, the government planned no expansion of the discovery park into the UEL.

An Applied Science student senator expressed the concern that teaching standards would fall "when there's a research facility right on the edge of the campus that will take the teaching staff away from teaching and office time." Dr. Kenny, however, suggested that his fear was unwarranted. "We have some of the most stringent policies at this University governing outside professional activities. They will apply to professors within this community, and the full force of them will apply, whether they're working at Discovery Park or Ottawa or Victoria... or any other place."

During the discussion, President Kenny said he was delighted to see enrolments up in both Arts and Science this year, keeping a balance between the technical and liberal arts

CONTINUED FROM P. 1

they took over on the UBC 27 after a punt. Quarterback Dave Amer tried for a touchdown on the first play with an end-zone pass to John Pankratz, but a leaping interception by Mark Beecroft gave UBC the ball.

At 9:51 of the third quarter, Grant kicked a field goal that gave SFU a 3-0 lead, and six minutes later Munro equalized for UBC, his kick from the 19 just making it over the crossbar after being partly blocked.

A 12-yard pass from Greg Clarkson to Evan Jones from the SFU 45 late in the final quarter put the Birds within kicking distance of the Clan goal-line again, and this time coach Smith elected to go with punter Kevin Konar, who got away his best punt of the game. The ball was taken by Pankratz 10 yards deep in the SFU end zone and went for a game-winning single point.

Although the game was close, the key statistics belong to the Thunderbirds. SFU's Amer completed 8 of 19 passes, Clarkson only 3 of 14 — yet the Clarkson-Jones completion was the key pass of the night. Amer threw one interception — the critical one to Beecroft — and Clarkson threw none.

UBC halfback Dave Negrin was the game's leading rusher with 88 yards, and UBC topped SFU on total yards rushing, 174 to 109.

The Shrum Bowl was resumed last year after a break of seven years, UBC taking the 1978 contest 22-14.

aspects of education. Discovery Park would not upset that balance, he stressed.

* * *

In an attempt to ensure that full student representation was made to Senate, a proposal was presented whereby Senate would nominate representatives itself if no nominations were forthcoming for students for individual faculties.

Senate's ad hoc committee on the implementation of the Universities Act suggested the new procedure to get around the present arrangement where a student seat remains vacant until the next regular election when no nomination is received for a student rep on Senate for a particular faculty, and the incumbent is ineligible or unwilling to serve another term.

However, the proposal met with some opposition from student members of Senate. Student senator Chris Niwinski told Senate that he and other student senators felt the proposal was "unacceptable, although they appreciated the intention of the committee to ensure adequate representation. Student representatives must come from the students, elected by the students exclusively," he said.

The motion to institute the committee's proposal was tabled in order to allow the student members of Senate more time to discuss with the committee other possibilities for resolving the problem.

* * *

Student elections to Senate and the Board of Governors are coming up and Senate received the schedule for nominations and elections at its October meeting. Two full-time students will be elected to sit as members of the Board of Governors and 17 full-time students will sit on Senate.

Nominations for these positions will close at 4 p.m. on Friday, Dec. 21. Election day will be Tuesday, Jan. 22, 1980, with an advance poll held from 5 to 7 p.m. Monday, Jan. 21. Results of the elections will not be announced until at least 48 hours after the close of balloting.

Nomination forms will be provided by the Registrar's Office in the General Services Administration Building.

* * *

Three departments received Senate's approval to change their official titles at the October meeting, despite the protestations of Dr. Charles Bourne.

The Department of Mineral Engineering will now be called the Department of Mining and Mineral Process Engineering, which, according to Applied Science dean Martin Wedepohl, more explicitly describes the types of engineering education offered by the department.

The Department of Oral Surgery has been changed to the Department of Oral and Maxillo-facial Surgery and the Department of Public and Community Dental Health will be known as the Department of Preventive and Community Dentistry.

However, Senate member Charles Bourne opposed the changes. "Those who are in the field know what the department does; those who are not in the field can guess at what the department does," he said. The name change suggested for the Department of Oral Surgery was "an absurdity" he said. "I do not think Senate should encourage this proliferation of useless words."

Dentistry dean Dr. Beagrie said that the title of Oral and Maxillo-facial Surgery brings the name of the department into line with those in faculties of dentistry in other parts of Canada and the United States.

Senate voted to accept all three name changes.

Catching up with UBC people ...

Dr. William G. Wellington has been elected a member and designated a Fellow of the Explorer's Club (New York and London) because of the pioneering nature of his research. An entomologist, Dr. Wellington holds a joint appointment in the Department of Plant Science and the Institute of Animal Resource



William Wellington

Ecology. The distinction acknowledges his many accomplishments relating weather to insect behavior and population dynamics.

One of the very few Canadians to have been so honored, Dr. Wellington joins distinguished company. Founded early in this century, the Explorer's Club at first honored the great polar explorers, Shackleton, Amundsen, Peary and Scott. Byrd and Lindbergh also were members. The present membership includes such notables as mountaineer Sir Edmund Hillary, astronaut Neil Armstrong, anthropologist Richard Leakey and Nobel Laureates Konrad Lorenz and Nikko Tinbergen.

* * *

Nine UBC faculty members have recently been elected to fellowship in the Royal Society of Canada for excellence in their fields of work.

The nine are among 60 distinguished Canadians to be honored this year. The Royal Society, a national academy, recognizes high distinction in the humanities, social sciences and sciences. Total membership in the society is now 954.

Elected fellows in the humanities and social sciences section are Michael Ames, director of the Museum of Anthropology at UBC; George Archibald, a professor in the Department of Economics; Charles Bourne, professor of law and advisor to UBC's president; and Alan Cairns, professor of political science.

Elected fellows in the sciences section of the society are William Casselman and Rafael Van Severen Chacon, both professors in the mathematics department; Philip Hill, head of Mechanical Engineering; zoology professor Charles Krebs; and Timothy Parsons, professor of oceanography.

* * *

Two members of the UBC faculty are on a three-member commission established by the provincial government to determine whether it is safe to mine uranium in British Columbia.

Dr. David Bates, professor of health care and former dean of the Faculty of Medicine, is chairman of the commission which has been holding public hearings throughout the province and which has already submitted an interim report on exploration for uranium deposits. Another member of the commission is

Prof. James Murray of the Department of Geological Sciences.

The commission has, among other things, been asked to consider the safety problems which would arise for workers and the general public if uranium mining is permitted. It has also been asked to advise the government on the future regulation and jurisdictional problems associated with uranium mining and development.

In its interim report on exploration for uranium deposits, the commission recommended that such exploration be allowed to continue but that the activities of exploration companies be subject to more stringent monitoring. The commission's final report is expected in July, 1980.

* * *

Dr. Harriet Critchley of UBC's Institute of International Relations has been named to a five-member federal

government committee that will study the 10-year unification of the Canadian armed forces.

The committee is to determine whether unification has been conducive to the effectiveness of the armed forces in carrying out its assigned role. The committee will hold public hearings across Canada and visit units in Europe, the Middle East and Cyprus.

* * *

Dr. John C. Brown, professor of physiology in UBC's Faculty of Medicine, was the recent recipient of the Ernst Oppenheimer Award of the U.S. Endocrine Society for distinguished and meritorious research in the field of endocrinology.

Dr. Brown is the first Canadian to receive the honor, which is awarded to scientists under the age of 41. A UBC faculty member since 1965, Dr. Brown has made major contributions

to the field of gastrointestinal physiology, including the discovery of two polypeptide hormones found in the duodenum. The Oppenheimer award is the fifth prize Dr. Brown has received for his research.

* * *

Prof. Vance F. Mitchell of the Faculty of Commerce and Business Administration has been elected a fellow of the Academy of Management of the U.S.

* * *

Dr. John N. Hlynka, assistant dean of clinical pharmacy programs in the Faculty of Pharmaceutical Sciences, has recently returned from a two-week speaking engagement in New Zealand and Australia. As an invited participant of the Pan Pacific Conference on Clinical Pharmacy, Dr. Hlynka presented two papers and conducted five workshops on Drug Usage Review in the two countries.

Information task force sets up shop

Settling into their new temporary quarters upstairs in the Old Administration Building are four members of the UBC staff whom few would really envy.

Their job, for the next six months, is to try to make some sense out of how administrative information is gathered and kept at UBC, and see where streamlining of information systems is necessary. Considering the size of the University, and the variety of information systems which abound, that's a big order.

Officially called the Information Systems Task Force, the four members are Dr. Jim Kennedy, on leave from his regular post as director of UBC's Computing Centre; John McMaster, senior analyst with Institutional Analysis and Planning; Robin Russell, the database administrator for the Computing Centre; and Fern Long, systems analyst on loan from the Department of Finance.

The task force isn't just looking at information that's stored by computer on campus. They're also considering forms that are filled out by hand, codes that are used by various departments and how information could be better shared.

Dr. Kennedy, who's gained the title of Special Assistant to the President during the six month study, gave as an example of the kind of situation now in existence the variety of code numbers for a department.

The Registrar's Office, he suggested, has an assigned number for, say the Department of Economics. They use this number when listing final grades on a student's record, or for controlling the number of students in a course. The finance department assigns a totally different number to the Department of Economics, and uses that number for monthly expenditure statements or payroll. The key desk in Physical Plant assigns a number different from the first two for its needs. Therefore, none of these information systems is easily compatible.

Each University department, Dr. Kennedy said, to give another example, keeps its own record of an employee's vacation credits or sick benefits. If that employee transfers to another department, that information must be relayed as well. There are no central records. With almost 3,400 employees, not to mention teaching staff, at the University, and many hourly and seasonal employees, that could be a problem.

A small item, but indicative of the type of concern the task force is looking at, is the manner in which long distance calls are listed on each department's computerized monthly ledger which comes from the finance department. Now listed in order of date the calls were made, it might make more sense for calls to be listed by telephone number the calls were made from, Dr. Kennedy suggested. No one has ever had the responsibility for a University-wide overview before, however.

"The University information systems have grown piecemeal over the years, but they've not been designed to make it easy to share information from one department to another," Dr. Kennedy said.

Now that the rapid expansion of the University has slowed, UBC, it would seem, has time to take a breath and look at how some of its internal procedures work. The Universities Coun-

cil of B.C. has presented questions which force the administrative sections of UBC to gather more and more information. The Computing Centre and the Data Processing Centre have recently merged.

"There've been these kinds of unifying concerns taking place," Dr. Kennedy said. "This looks like the period to stop and have a look at what we're doing and where we're going."

The task force members intend to spend the first two months of their allotted time finding out from various departments what sorts of problems and improvements they see and the next three months following up on specifics. So far they've visited Housing, Physical Plant, Employee Relations and Purchasing, as well as many of the deans of faculties.

Their findings will be made into a report in the final month with recommendations for improvements and will be presented to the President's Office.



Jim Banham photo

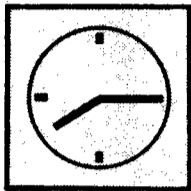
Left to right, John McMaster, Fern Long, Robin Russell. Seated is Jim Kennedy.

UBC Calendar

UBC CALENDAR DEADLINES

Events in the week of
 Nov. 4-Nov. 10 Deadline is 5:00 p.m. Oct. 25
 Nov. 11-Nov. 17 Deadline is 5:00 p.m. Nov. 1
 Send notices to Information Services, 6528 Memorial Road (Old Administration Building), Campus. Further information is available at 228-3131.

THE VANCOUVER INSTITUTE



SATURDAY, OCT. 27
 Prof. Daniel Kahneman, Psychology, UBC, on **Judgments and the Preferences: The Psychology of Irrationality.**
SATURDAY, NOV. 3
 Dr. Patricia Baird, acting head, Medical Genetics, UBC, on **Heredity and Your Family.**
 Both lectures at 8:15 p.m. in Lecture Hall 2, Woodward Instructional Resources Centre. A brochure listing all pre-Christmas Institute lectures is available from Information Services, UBC, telephone 228-3131.

SUNDAY, OCT. 28

- 3:00 p.m. **MUSIC FROM DIFFERENT CULTURES**, a series of seven presentations at the Museum of Anthropology. The sixth in this series is **The Music of Meian Temple: Ancient Original Music for the Shakuhachi**, with Prof. Elliot Weisgarber, Music, UBC, Museum, 6393 Northwest Marine Dr.
- 7:00 p.m. **SUBFILMS** presents **Tommy**, Auditorium, Student Union Building. Admission with AMS card, \$1.

MONDAY, OCT. 29

- 12 noon **CANCER RESEARCH SEMINAR**. Dr. Allen C. Eaves, Medicine and Pathology, UBC, and B.C. Cancer Research Centre, on **Hemopoietic Stem Cell Culture and the Myeloproliferative Syndromes**. Lecture Theatre, B.C. Cancer Research Centre, 601 W. 10th Ave.
- 2:30 p.m. **COMPUTING CENTRE LECTURE**. The first in a series of six lectures on **SPSS — A Statistical Package for the Social Sciences** by Stan Kita of the UBC Computing Centre. Room 447, Computer Sciences Building.
- 3:00 p.m. **BLOOD DONOR CLINIC** continues until 8 p.m. in the Common Block Lounge, Place Vanier Residence.
- 3:30 p.m. **APPLIED MATHEMATICS SEMINAR**. Prof. Uri Ascher, Computer Science, UBC, on **Numerical Solution for a Multi-Grade Exhaustible Resource Management Problem**. Room 203, Mathematics Building.
- 4:00 p.m. **ASTRONOMY SEMINAR**. Dr. T.B.H. Kuiper, Jet Propulsion Laboratory, California Institute of Technology, on **Airborne Radio Astronomy**. Room 318, Hennings Building.
- BIOCHEMISTRY SEMINAR**. Paul Hornby, Biochemistry, UBC, on **The Nerve-Growth Factor**. Lecture Hall 3, Woodward Instructional Resources Centre.
- 8:00 p.m. **ARCHEOLOGY LECTURE**. Prof. F. Winter, Classics, Brooklyn College, on **Late Classical and Hellenistic Gordion**. Theatre, Museum of Anthropology, 6393 Northwest Marine Dr.

TUESDAY, OCT. 30

- 12 noon **FAMILY RELATIONS ACT** noon-hour series. Third of six speakers is Terry Warren, barrister and solicitor, on **Maintenance and Support Obligations**. Theatre, Robson Square Media Centre, downtown Vancouver.
- 12:30 p.m. **BIOCHEMISTRY SEMINAR**. Dr. David Weinstein, Medicine, University of California, San Diego, on **New Roles for Plasma Lipoproteins — From Growth Control to Detoxification**. Lecture Hall 4, IRC.
- FREESSE FILM SERIES** presents a seven-part series on **Civilization** with Kenneth Clark. This week's film is **Romance and Reality**. Auditorium, SUB.
- UBC WIND SYMPHONY**, with Martin Berinbaum, director; and Nancy Harrison, trumpet soloist, performs **Music of Khachaturian, Grainger, Hummel and Shostakovich**. Old Auditorium.
- BOTANY SEMINAR**. Dr. J. Derek Bewley, Biology, University of Calgary, on **The Metabolism of Mosses Subject to Dessication Stress**. Room 3219, Biological Sciences Building.
- ENGLISH LECTURE**. Prof. C.A. Patrides, English, University of Michigan, Ann Arbor, on **The Experience of Otherness: Theology and Literature During the Renaissance**. Room 204, Buchanan Building.
- 1:30 p.m. **ELECTRICAL ENGINEERING SEMINAR**. J.J. Mele, AEL - Microtel, on **Digital Switching Systems Projects at AEL - Microtel**. Room 402, Electrical Engineering Building.
- 3:30 p.m. **ENGLISH COLLOQUIUM**. Crispin Elsted on **Why don't you read the way I write?: A Reading Introduction to Gertrude Stein**. Penthouse, Buchanan Bldg.
- METALLURGICAL ENGINEERING SEMINAR**. Prakash K. Agarwal, metallurgical engineering research student, UBC, on **Mathematical Model of Heat Flow and Austenite-Pearlite Transformation in Eutectoid Carbon Steel Rods for Wire**. Room 308, Forward Metallurgy Building.
- OCEANOGRAPHY SEMINAR**. Prof. S.E. Calvert, head, Oceanography, UBC, on **Mediterranean Sapropels**. Room 1459, west wing, Biological Sciences.

- 4:30 p.m. **CHEMISTRY COLLOQUIUM**. Dr. Brian Pate, UBC and TRIUMF, on **Radioisotope Production at TRIUMF: Current Applications and Future Prospects**. Room 250, Chemistry Building.
- 8:00 p.m. **THE INUIT WORLD**. Dr. Doreen Binnington, Education, UBC, on **Music of the Inuit**. Room 100, Scarfe Building. Admission, \$5.
- UBC WIND SYMPHONY**, with Martin Berinbaum, director; and Nancy Harrison, trumpet soloist, performs **Music of Khachaturian, Grainger, Hummel and Shostakovich**. Old Auditorium.
- AMS SPEAKERS FORUM**. Vic Rapp, coach, B.C. Lions, gives a lecture, audio-visual presentation and pep talk. Auditorium, Student Union Building.

WEDNESDAY, OCT. 31

- 12 noon **THE CHANGING WORLD**. Prof. William D. Powrie, chairman, Food Science, UBC, on **Food Additives — Why? Theatre**. Robson Square Media Centre, 800 Hornby St., downtown Vancouver.
- 12:30 p.m. **PHARMACOLOGY SEMINAR**. Dr. Gerald Weeks, Microbiology, UBC, on **In vitro Analysis of Stalk and Spore Cell Differentiation in Dictyostelium**. The Involvement of Neutral Lipid and Plasma Membrane. Room 114, Block C, Medical Sciences Building.
- NOON-HOUR CONCERT**. Jane Martin, flute; and Alan Rinehart, guitar, perform **Music of Bach, Carulli, Burkhard and Freedman**. Recital Hall, Music Building.
- HYDROLOGY SEMINAR**. Dr. R. Allan Freeze, Geological Sciences, UBC, on **Stochastic Simulation of Rainfall-Runoff Processes on a Hill Slope**. Room 330A, Geological Sciences Building.
- ENGLISH LECTURE**. Prof. David Greetham, Graduate Center, City University of New York, on **Critics Versus Scholars: A Look at the Current Status of Textual Criticism**. Room 204, Buchanan Building.
- 3:30 p.m. **CHEMICAL ENGINEERING SEMINAR**. M. Fattori on **Gas Chromatographic Head Space Analysis**. Room 206, Chemical Engineering Building.
- STATISTICS WORKSHOP**. Prof. C. Villegas, Mathematics, SFU, on **Logical Bayesian Inference: The Missing Link in Statistical Theory?** Room 214, Angus.
- ECONOMIC THEORY WORKSHOP**. G. Feltham, Commerce, UBC, on **Performance Investigation: An Agency Theory Perspective**. Room 351, Brock Hall.
- 4:00 p.m. **GEOPHYSICS AND ASTRONOMY SEMINAR**. Dr. T.B.H. Kuiper, Jet Propulsion Laboratory, California Institute of Technology, on **Searching for Extraterrestrial Civilizations**. Room 260, Geophysics and Astronomy.
- ENERGY POLICY MODELLING SEMINAR**. Prof. W.T. Ziemba, Commerce, UBC, on **A Canadian Energy Policy Model**. Penthouse, Angus Building.

THURSDAY, NOV. 1

- 9:00 a.m. **MEDICAL GRAND ROUNDS**. Dr. V.F. Huckell, Cardiology; Dr. G.S. Sandor, Pediatric Cardiology; and Dr. M.W. Patterson, Pediatric Oncology, VGH, on **Cyanotic Congenital Heart Disease in the Adult**. Lecture Hall B, Vancouver General Hospital.

FINAL ORAL EXAMINATIONS FOR THE DEGREE OF DOCTOR OF PHILOSOPHY

Listed below are scheduled final examinations for the degree of Doctor of Philosophy at the University. Unless otherwise noted, all examinations are held in the Faculty of Graduate Studies Examination Room, 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.

- Monday, Oct. 29, 2:00 p.m.:** PETER MARK ROSEN, Plant Science; **Effects of Treatment With Low Ozone Concentrations on Stomatal Behavior, Growth, and Susceptibility to Acute Ozone Injury.**
- Tuesday, Oct. 30, 9:45 a.m.:** GEORGE M. KRUYZNSKI, Zoology; **Some Effects of Dehydroabietic Acid (DHA) On Hydromineral Balance and Other Physiological Parameters In Juvenile Sockeye Salmon *Oncorhynchus Nerka*.**

LOST AND FOUND

The campus lost and found has been moved from the Student Union Building to Room 112A, Brock Hall. Hours: Monday, Wednesday, Thursday, Friday — 12:30 - 2:30 p.m.; Tuesday — 12:30 - 2:30 p.m. and 3:30 to 4:30 p.m. Where possible, "found" items should be delivered to Room 112A during these hours.

MUSEUM EXHIBITS

Cycles: The Graphic Art of Robert Davidson, Haida, opens Tuesday, Oct. 30, and continues until Feb. 3, 1980.

The Four Seasons: Food Getting in B.C. Prehistory finishes Nov. 4. Three student exhibits are on display in the museum — **Design Elements in Northwest Coast Indian Art; The Evolution of Bill Reid's Beaver Print and Kwagiutl Masks: An Expression of Transformation.**

The Theatre Gallery in the museum features two multi-screen slide-sound presentations which can be operated by visitors. Museum is open Tuesdays, noon to 9 p.m.; Wednesdays through Sundays, noon to 5 p.m.

DRAMA

Our Town, by Thornton Wilder, directed by Charles Siegel, continues until Saturday, Nov. 3, at 8 p.m. at the Frederic Wood Theatre. Admission, \$5; students, \$3. For ticket information and reservations, call 228-2678.

S.A.P.H.E.R. CONFERENCE

The Student Association of Health, Physical Education and Recreation three-day conference is being held at UBC this year from Thursday, Nov. 1. The conference will focus on **Children — Competition, Cooperation: An Explosive Combination — Handle With Care!** Further information and registration from Room 301, War Memorial Gym, or call 228-6175.

FINE ARTS GALLERY

Recent Work in Ceramics by Lisi Siegel and Denys James continues in the Fine Arts Gallery, basement, Main Library, until Nov. 17. Gallery hours: Tuesday - Saturday, 10 a.m. to 5 p.m.

- 10:00 a.m. **BLOOD DONOR CLINIC** in Room 215, Student Union Building. (Serum Project donors especially but any eligible donors welcome.) Continues until 3:30 p.m.
- 12:30 p.m. **WEEKLY WEATHER BRIEFING** for previous seven days and previews of weather for coming five days in Room 215, Geography Building.
- FACULTY RECITAL**. Margot Ehling and Carol Jutte, piano, perform **Music of Bach, Schubert, Mendelssohn and Barber**. Recital Hall, Music Building.
- ENGLISH LECTURE**. Dr. Allen Bell, National Library of Scotland, Edinburgh, on **Leslie Stephen and Virginia Woolf: Father and Daughter**. Room 205, Buchanan Building.
- 2:30 p.m. **CHEMISTRY SEMINAR**. Prof. Sho Ito, Chemistry, Tohoku University, Japan, on **Total Synthesis of Barbatenes, Gymnomitrol and Hg(II) Induced Cyclization of Terpenic Allyl Alcohols**. Room 225, Chemistry.
- PHYSICS CONDENSED-MATTER SEMINAR**. Eric Fawcett, University of Toronto, on **Spin Density Waves in Chromium**. Room 318, Hennings Building.
- 4:00 p.m. **PHILOSOPHY GUEST SPEAKER**. D.F. Pears, Christ Church, Oxford, on **The Problem of Irrationality in Action**. Penthouse, Buchanan Building.
- PHYSICS COLLOQUIUM**. C. Clark, Mathematics, UBC, on **Whale Harvesting**. Room 201, Hennings.
- GENERAL SYSTEMS FORUM**. Prof. L. Ward, Psychology, UBC, on **The Problem of Scaling in World Models**. Room 228, Angus Building.
- 7:00 p.m. **ENVIRONMENTAL IMPACT ASSESSMENT Conference** features presentations on E.I.A., in-depth case study and panel workshop. Continues on Friday, Nov. 2, from 8:30 a.m. - 6:00 p.m. Sheraton Plaza 500. Vancouver; \$65, includes lunch. For further information, call UBC's Centre for Continuing Education at 228-2181. **SUBFILMS** presents **The Rocky Horror Picture Show**. Auditorium, Student Union Building. Admission with AMS card, \$1. Repeated Friday and Saturday at 7:00 and 9:30 p.m.; Sunday at 7:00 p.m.

FRIDAY, NOV. 2

- 10:30 a.m. **MECHANICAL ENGINEERING SEMINAR**. Prof. P.M. Bainum, Howard University, Washington, D.C., on **Stabilization and Control of Large Orbiting Structures**. Room 1204, Civil and Mechanical Engineering.
- 12:30 p.m. **SLAVONIC STUDIES LECTURE**. Prof. Willis Konick, Russian and Comparative Literature, University of Washington, Seattle, on **The Theme of Brotherhood in Late Tolstoy**. Room 2230, Buchanan Building.
- UBC CHAMBER SINGERS**, directed by Cortland Hultberg, perform in the Recital Hall, Music Building.
- 1:00 p.m. **GENETICS SEMINAR**. Drs. D. Applegarth and P.M. MacLeod on **CPS Deficiency — A Disorder of the Urea Cycle: Diagnosis and Successful Management**. Conference room, fourth floor, Health Centre for Children, VGH.
- ADULT BASIC EDUCATION SEMINAR**. Harry Pankratz, principal, King Edward Campus, VCC, on **Management of ABE in an Urban Institution**. Adult Education Research Centre, 5760 Toronto Rd.
- 2:30 p.m. **GEOLOGICAL SCIENCES COLLOQUIUM**. Dr. C. Nelson, University of Waikato, Hamilton, New Zealand, on **Development of the Indo-Australian/Pacific Plate Boundary in the Southwest Pacific — Evidence from the Cenozoic Rock Record in New Zealand**. Room 330A, Geological Sciences Centre.
- MECHANICAL ENGINEERING SEMINAR**. Dr. J.L. Douce, Nuffield Visiting Lecturer, Warwick University, England, on **An Application of Adaptive Control Techniques in Metrology**. Room 1215, Civil and Mechanical Engineering Building.
- 3:30 p.m. **SLAVONIC STUDIES SEMINAR**. Prof. Willis Konick, Russian and Comparative Literature, University of Washington, Seattle, on **D.H. Lawrence and Tolstoy**. Penthouse, Buchanan Building.
- COMPUTER SCIENCE COLLOQUIUM**. Prof. Peter Poole, Computer Science, University of Melbourne, Australia, on **Software Adaptability**. Room 301, Computer Sciences Building.
- LINGUISTICS COLLOQUIUM**. Dr. Bernard Saint-Jacques, Linguistics, UBC, on **Recent Trends in Syntax**. Room 2225, Buchanan Building.
- 7:30 p.m. **INTERNATIONAL STUDENT PROGRAM**. Committee election at International House followed by a disco dance. Free admission.
- 8:00 p.m. **EXPLORATION IN MEDICAL ETHICS** lecture and seminar sponsored by St. Mark's College and the Catholic Physician's Guild of B.C. Rev. J. Gallagher, St. Joseph's College, University of Alberta, Edmonton, on **Medical Moral Codes, Hippocrates to the Present**. Trinity House Auditorium, Vancouver School of Theology.
- UBC CHAMBER SINGERS**, directed by Cortland Hultberg, perform in the Recital Hall, Music Building.
- ICE HOCKEY**. UBC Thunderbirds vs. the University of Alberta. Thunderbird Winter Sports Centre.

SATURDAY, NOV. 3

- 10:00 a.m. **EXPLORATION IN MEDICAL ETHICS** Lecture. Rev. J. Gallagher on **The Ethical Dimensions of Medicine**. Trinity House Auditorium, Vancouver School of Theology.
- 2:00 p.m. **POSSIBLE FOOTBALL** playoff game for the western intercollegiate championship. Location of the playoff game will depend on outcome of games to be played this coming weekend, including a matchup between UBC and the University of Alberta at Thunderbird Stadium on Saturday (Oct. 27) at 2 p.m. The Nov. 3 playoff game will also take place in Thunderbird Stadium.
- 8:00 p.m. **MEN'S BASKETBALL**. UBC Thunderbirds vs. a Senior A Dogwood League team. War Memorial Gymnasium.
- ICE HOCKEY**. UBC Thunderbirds vs. the University of Alberta. Thunderbird Winter Sports Centre.

