

UBC reports

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Summer pay rates increased

The provincial government has increased the monthly pay rates for students who will be employed under the 1979 Youth Employment Program.

Applications for the summer employment program should be available shortly in the offices of UBC's 12 faculties, according to Dick Shirran, director of the Office of Student Services and campus coordinator for the 1979 program.

Pay rates for students in first and second year have been increased from \$550 to \$650 a month; for third, fourth and fifth-year students from \$650 to \$700 a month; and for graduate students from \$750 to \$775 a month.

Mr. Shirran said he expects that UBC will receive in 1979 the same amount of money as it did in 1978, "plus or minus 10 per cent." Last year UBC got \$1,500,000 to employ about 700 students.

He said projects suggested by students or faculty members must be related to the student's educational or career goals and promote the economic well-being of the province.

He emphasized that all projects must be supervised by a full-time member of the University's academic or administrative staff to be eligible for funding.

Completed application forms for the 1979 program must be returned to UBC faculty offices by Feb. 28 to enable faculty committees to screen proposals. Approved proposals are to be returned to Student Services by March 9 so that the government can be informed by March 16.

Station aims to expand

UBC's student-operated radio station, CITR, has embarked on an \$8,000 fund-raising program as part of its plan to improve its coverage both on and off the campus.

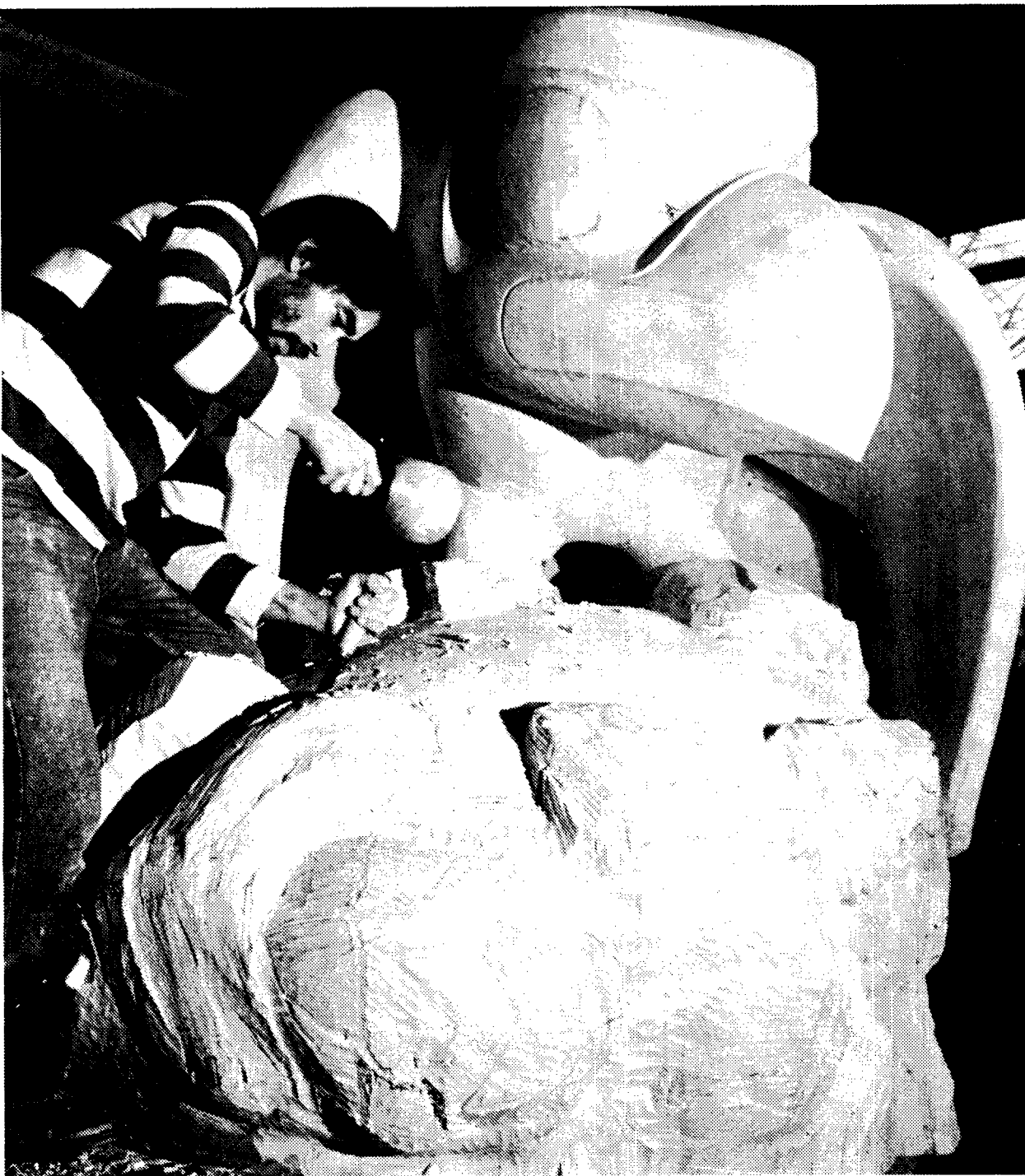
CITR submitted an application for a low-power FM broadcast licence to the federal Communications Department and the Canadian Radio-television and Telecommunications Commission (CRTC) in November, 1978. The Communications Department has approved technical details related to the proposal and it's expected the CRTC will hold public hearings on the CITR application in the spring of this year.

At present, CITR broadcasts on a closed-circuit system to the Student Union Building, parts of Totem Park Residence and to the north and south towers of the Gage Residence. The CITR signal is also distributed in the Greater Vancouver area by Premier Cablevision and can be picked up at 95.9 on the FM dial, if you have a cablevision hookup.

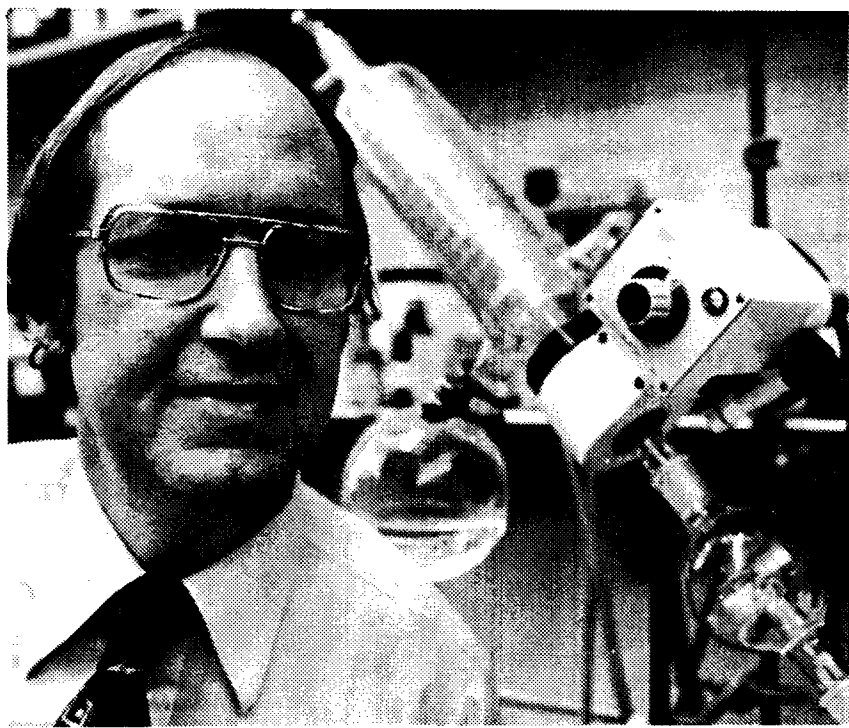
The new installation would provide a good-quality FM signal to all areas of the UBC campus and to FM sets in the West End and the western side of the city as far as Granville Street.

The \$8,000 CITR needs for new equipment has to be raised independently of the Alma Mater Society, which doesn't have the funds available for the project.

CITR official Greg Plant asks interested members of the University community to support the CITR application by writing to Joe Pateraude, Acting General Secretary, CRTC, 100 Metcalfe St., Ottawa, K1A 0N2. A copy of the letter of support must be sent to CITR-UBC Radio in the Student Union Building.



A giant sculpture depicting the Haida legend of the creation of man is being carved behind the scenes at UBC's Museum of Anthropology by Gary Edenshaw of Masset in the Queen Charlotte Islands. The work is being supervised by noted B.C. artist Bill Reid, who created the miniature version of the sculpture pictured at left. According to the Haida legend, the raven that dominates the sculpture discovered and released man from a clam shell. When complete later this year, the sculpture will be on display in a specially-created rotunda in the UBC museum. Carving is being carried out with a gift from Dr. Walter Koerner, a long-time benefactor of the University and a former member of the Board of Governors.



Jim Banham photo

UBC chemistry professor Edward Piers has been named the winner of the 1979 Merck Sharpe and Dohme Lecture Award of the Chemical Institute of Canada. Prestigious award is made annually to a scientist under 40 years of age who has made a distinguished contribution in organic chemistry or biochemistry. Dr. Piers will deliver award lecture and receive \$1,000 honorarium that goes with the honor at meetings of the Chemical Institute of Canada to be held at UBC June 3-6.

Senators decry time lag on program proposals

Getting a proposal for a new academic program through all levels of University and outside approval "could take all of someone's teaching career," UBC's Senate was told at its January meeting.

Dr. Jon Wisenthal, chairman of Senate's curriculum committee, made the remark while introducing proposed curriculum changes at Senate's Jan. 17 meeting.

He said that if a proposal for a new program was not approved at Senate's January meeting a whole year would elapse before it could be offered because of the strict deadlines imposed by the Universities Council of B.C., which must approve new programs and request funds for them.

He added that the curriculum committee hopes people "won't be discouraged from making new proposals in the knowledge that so much lead time is required."

He was supported later in the meeting by arts dean Dr. Robert Will, who said that in some cases he had been waiting four years to hear from the Universities Council on a proposed program.

Discussion of proposed curriculum changes and new programs took up most of Senate's two-and-a-quarter hour meeting on Jan. 17. What follows are brief descriptions of the most important changes, which must be approved by UBC's Board of Governors and, in some cases, by the Universities Council.

AGRICULTURAL SCIENCES. Senate approved proposals to modify requirements for the bachelor's degree in the faculty. These include: A change in the minimum units required for graduation from 62 for majors and 68 for honors to 68 units for all students; deletion of majors and honors course curricula in favor of a single curriculum; and introduction of a scheme for awarding honors standing on graduation based on grades obtained in third and fourth years.

ARTS. Senate approved extensive changes for majors and honors programs in sociology. Sociology 200, one of eight new courses to be introduced, will be the sole introductory course for the major in sociology and will lead to a set of required "core" courses designed to provide sociology majors with background to complete the rest of the program.

The most contentious issue in the sociology proposals proved to be a course in statistics, which the curriculum committee recommended for approval "with the proviso that in the event that Senate and the relevant faculties should formulate a policy on the campus-wide teaching of statistics courses, the provision of elementary statistics for sociology students may be altered."

Senate eventually approved a mo-

tion by Dean Will approving the statistics course for the 1979-80 academic year only and providing for establishment of an ad hoc committee "to study and report on the offerings in statistics in the various faculties and departments of the University and to report to Senate no later than November, 1979."

Also approved were seven new courses in Asian studies, four of them dealing with Hindi-Urdu language and literature.

COMMERCE AND BUSINESS ADMINISTRATION. Senate approved extensive changes in the curriculum leading to the Bachelor of Commerce degree, proposed after a two-year study by two faculty committees. The new program involves changes in the pre-Commerce year as well as the four-year degree program without lengthening it or changing its total unit value.

EDUCATION. Senate approved a new concentration in Italian, reflecting the fact that the language is now taught in four B.C. school districts.

FORESTRY. Approved were changes in the faculty's third- and fourth-year specialization program in wood science and industry.

GRADUATE STUDIES. Senate approved in principle a proposed Master of Engineering program in clinical engineering designed to train engineers in skills needed to work in the health sciences.

UBC's Faculty of Education is giving serious consideration to proposals for the training of teachers made in the 1978 report of a committee chaired by Dr. Malcolm McGregor, former head of UBC's Department of Classics.

Dean of Education Dr. John Andrews told Senate at its Jan. 17 meeting that a recommendation from its admissions committee that admission to education follow at least one year of university or college studies was one of the proposals made in the McGregor report, which was prepared by a committee of the Joint Board on Teacher Education at the request of the provincial ministry of education.

The Senate admissions committee recommended that its proposal be received at the Jan. 17 meeting but not be debated until the Senate meeting on Feb. 14, "by which time the dean of the Faculty of Education would have the opportunity of presenting the reaction of his faculty to it."

Dean Andrews said there had been no advance consultation with his faculty on the admissions committee's proposal and he termed "ridiculous" the one-month time limit to obtaining the reaction of his faculty to it.

He said the faculty already had the proposal under consideration, adding that it was also looking into the possibility of dropping both the first and second years of the present education program with students entering at the third-year level.

He said the proposal made by the McGregor committee and the admissions committee would affect only about 100 students because the number of people admitted to the faculty increased in the higher years so that approximately 1,000 students graduated each year.

Senate then approved a motion to refer the admissions committee's proposal to the faculty for consideration. Dean Andrews said the faculty would return to Senate with new admission proposals after all recommendations had been thoroughly discussed.

Open House facts listed

Here's some information on Open House '79.

Theme: The University Works for You.

Times and Dates: Friday, March 2, 12:30 to 10:00 p.m. and Saturday, March 3, 9:00 a.m. to 10:00 p.m. All exhibits and displays are to be completed by 12:30 p.m. March 2.

Organizers: Open House '79 Committee; location, Room 238, Student Union Building; postal address, Box 59, Student Union Building; telephone number, 5415.

Open House '79 Committee personnel: Chairman — Geoff Smith; Faculty Co-ordinator —

Tonni Hellenes; Public Relations — Sheila Fitzpatrick; Treasurer — Dave Dale; Clubs — Peter Schmelcher; University Tours — Van McLean; Campus Services — Hilary Fleming.

Finances: Budget submissions from groups taking part in Open House must be made to Open House Faculty Co-ordinator Tonni Hellenes.

Space: All classrooms, labs and other teaching areas used for Open House are booked through Open House Faculty Co-ordinator Tonni Hellenes.

Equipment: Lists of equipment and materials available on campus can be obtained from the Open House Committee.

Publicity: A preliminary news release has been sent to the media. A second news release giving more complete information on exhibits and attractions will be sent to the media before March 2.

Paid advertisements will also be made on radio and in community newspapers.

A 16-page newspaper will be distributed on campus during Open House. It will outline some of the major attractions. Groups participating in Open House should submit a description of their attractions to Sheila Fitzpatrick of the Open House Committee by Monday, Feb. 5. It shouldn't be longer than 500 words.

Graduation cards due by Feb. 15

All students who expect to complete a degree program this spring are reminded that they must submit Application for Graduation cards to the Registrar's office by Feb. 15.

Graduating students in most bachelor's programs should have received cards by mail. If they failed to arrive, check with the Registrar's office to see if they have your correct mailing address.

Students in other graduating years, except graduate studies, can get the cards in faculty offices. Graduate students should obtain them from their faculty advisers.

Report on new UBC degree clarified

The editors of *UBC Reports* regret if readers were misled by a report that appeared on page 2 of our edition of Jan. 17, which stated that UBC will be the first Canadian university to offer "an undergraduate degree in oceanography."

The statement was included in a report on a December Senate debate which resulted in approval of a motion to transfer the Institute of Oceanography from the Faculty of Graduate Studies to the Faculty of Science, where it will function as a Department of Oceanography, effective April 1.

Institute director Prof. George Pickard said the new department does not propose to offer a Bachelor of Science degree in oceanography as such because there is virtually no demand for graduates trained in general oceanography and because such a degree is strongly opposed by almost all academic oceanography groups.

He said a general bachelor's degree in oceanography is "too broad a field, encompassing as it does the application of all the basic sciences to the study of the ocean."

He said the new department

planned to prepare programs for combined honors in a basic science with electives chosen from oceanography offerings, "so that the student on graduation with a Bachelor of Science will be ensured of a solid background in basic science."

This is a prerequisite for proceeding to the graduate work which will continue to be oceanography's prime responsibility, Prof. Pickard added. It will be a year or two before these combined honors programs will pass through all the approval stages so they can be offered.



Wilhelmina Doedyns, left, and Sylvia Reed will soon be patrolling the campus as full members of the Traffic and Security corps.

Women join ranks of traffic-security patrol

There'll be two new faces patrolling the campus soon as Wilhelmina Doedyns and Sylvia Reid join the campus patrol.

Ms. Doedyns, the first woman patrolperson to be appointed to the UBC staff, began her training last month. Now that her uniform has been delivered, she's joined the 40 other patrolpersons who attend to difficulties and keep the campus secure. (See story this page.)

Wilhelmina Doedyns had been a building services worker for the past four-and-a-half years on campus, mostly working graveyard shift in the Student Union Building, and she's looking forward to the challenge and change her new position will bring.

She said she'd seen the patrol position listed on the Employee Relations circular and asked herself, "Why can't a woman do that job?" Her interview with Traffic and Security superintendent Dave Hannah proved she was qualified and Ms. Doedyns began her month-long training program in December.

Ms. Reid started her training last week. Like Wilhelmina Doedyns, she

had been a service worker with Physical Plant for several years, working a steady graveyard shift.

"We've never had anything against women being patrolpersons," Mr. Hannah said, "but it's been a problem to find a woman who knows the campus well and who wants to do the job." The women will have to do shiftwork and patrol the campus alone at night, just as their male counterparts do.

Supervisor of the patrol Mr. W.C. Ploeg said that the two women's experience as night workers on campus was an important consideration in hiring. "They've had years of experience being on the campus all hours of the night, walking between the buildings and being in buildings alone. If that doesn't worry them, then nothing about the patrol work should worry them," he said.

"It's certainly different from the work I was doing on campus before. I have to use my brains more in this job, be quick and observe things," Ms. Doedyns said.

"And I'd like it to be advertised that I've been hired. Maybe when they see that, more women will come forward to do this job."

UBC's trusty patrol will help those lost, in trouble

Lose a child? A wallet? A dog? Lock your keys in your car? Got a dead battery? Need help finding your way around? Leave your ring in a washroom on campus?

Call the traffic office (228-4721). They're open 24 hours a day, seven days a week, and for the 30 people who patrol the campus in general, and the 11 who patrol the UBC Museum of Anthropology, sorting out minor and even major emergencies is all part of a day's work.

Nine Saturday talks set

The Vancouver Institute will open its spring series of Saturday-night lectures at UBC on Feb. 3 with a talk on the crisis of Canadian federation by Prof. Alan Cairns, head of the Department of Political Science.

The institute's spring series of nine lectures will continue until March 31 and will feature talks on British authors George Bernard Shaw and Virginia Woolf, freedom of the press, the psychology of perception and thought and the problems facing psychiatrists who give evidence in court cases.

They will find people, pets and possessions that are lost, track down people in emergencies, render first aid and take sick people to hospital. Dave Hannah, superintendent of Traffic and Security, said they get numerous calls from people who have left their lights on and found their batteries run down, and from people who have locked themselves out of their cars. They also get requests to retrieve possessions like wallets and jewellery that people have left behind. Once they had a call from a campus resident

who had forgotten to turn his stove off — they did it for him.

Mr. Hannah said they also handle emergency calls for people on campus and often spend hours locating them. All the patrolpersons are qualified first aid attendants, and will assist in accidents or illness and even take minor cases to hospital. (There is an ambulance at the fire hall for emergency cases.)

"People are phoning all the time for assistance," he said. "We're here to provide a service, and we will do everything we can to help."

Help, particularly during the first week of classes, often takes the form of directing newcomers to buildings and parking areas and sorting out the confusion that inevitably occurs when several thousand people and vehicles hit the campus at the same time in the morning.

Despite their emphasis on service, the traffic and security people tend to be most commonly associated with the enforcement of traffic regulations. Although enforcement is an essential

part of their job — last year they issued about 24,000 tickets — Mr. Hannah said he wished people were more aware of the range of helpful services they offer.

When it comes to enforcement, he said: "Our concern is to keep the inner campus a pleasant and enjoyable place for walking. We would rather issue warnings than tickets, but unfortunately, warnings tend to go unheeded." He said that most of the complaints his office gets come from "people who feel they should be able to park right next to their buildings, and people who feel they should have vehicle access to wherever they want to go."

"We like to take a common-sense approach to parking offences, but with so many cars around, parking is at a premium and we have to be strict about enforcement."

Last fall, some 12,700 vehicles were registered to park on campus. For these vehicles, and those of approximately 500 visitors to the campus each day, there are about 8,300 parking spaces.

Ordinarily, parking is not too much of a problem since there are people coming and going all the time. "But during the first month of classes, it is a real problem," said Mr. Hannah. He said a disproportionate number of people drive out to the campus in the morning, every day, and stay all day.

"Once students get their classes organized, and newcomers begin to find their way around, it starts to improve. You also get people setting up car pools, and some people dropping out, so the problem is further alleviated." He added, however, that Tuesdays and Wednesdays tend to be bad days for campus traffic year-round, since most people prefer to schedule their classes in the middle of the week.

In the fall of 1978, traffic problems associated with the beginning of term were compounded by work designed to upgrade campus roadways. All of Westbrook Mall and part of the East Mall have been widened to four lanes to provide improved access to student parking lots and lots adjacent to UBC's expanding Health Sciences Centre Hospital, where an acute-care unit is under construction.



Gaitanakis

Phillips

The gremlins got loose at the print shop that prepared the Jan. 17 edition of *UBC Reports* for the press, resulting in a picture switch on the front page which saw Dr. Anthony Phillips, of psychology, identified as John Gaitanakis, of architecture, and vice versa. The many phone calls pointing out the error left no doubt in the minds of the editors that *UBC Reports* is thoroughly and minutely read. Fuller treatment of the projects of both faculty members will appear in upcoming editions.

Admission to Vancouver Institute lectures, which are held in Lecture Hall 2 of the Woodward Building, is free. A brochure listing the speakers and titles in the spring series is available from Information Services, 228-3131.

Among the upcoming speakers are forensic psychiatrist Dr. Ian Malcolm of Toronto, who speaks on "The Use and Abuse of Psychiatrists in Courts" on Feb. 10; Prof. Dan H. Laurence, literary and dramatic advisor to the estate of George Bernard Shaw, who speaks on "The Shavian View of Life" on March 3; Lord Lloyd of Hampstead, who heads the law department at the University of London, speaking on "Freedom of the Press" on March 10; and British author and publisher Nigel Nicholson, who will present a personal portrait of Virginia Woolf, whose papers he is editing for publication.

Arts grads named

Three 1978 Arts graduates from UBC are participating in the fourth B.C. Legislative Internship Program, designed to give recent graduates of B.C.'s three public universities exposure to provincial government administrative and legislative processes.

The three UBC graduates who began their stint as interns in Victoria on Jan. 4 are: Jock A. Finlayson, who holds a B.A. in political science; James Redford, who received his bachelor's degree in 1975 and his master's degree in 1978, both in history; and John Tyhurst, who holds a B.A. in economics.



Dave Hannah

UBC Calendar

UBC CALENDAR DEADLINES

Events in the week of
 Feb. 11-17 Deadline is 5 p.m. Feb. 1
 Feb. 18-24 Deadline is 5 p.m. Feb. 8
 Send notices to Information Services, 6328 Memorial Road (Old Administration Building), Campus. Further information is available at 228-3131.

ENGLISH AS A SECOND LANGUAGE

Morning sessions at off-campus locations are aimed at improving spoken and written English. 12-session program begins Feb. 27; 16-session programs begin Feb. 5 and March 5. Evening sessions of 12-week duration begin Feb. 5 and March 5 also. Call UBC Language Institute, 228-2181, local 285 for registration.

EXTENDED CARE HELPS

The residents of UBC's extended care unit in the Health Sciences Centre Hospital are offering their services to the University community. The average age of the volunteers is 84, so the services they offer are limited. If you have stapling, envelope filling, collating or other simple tasks that you need help with, call Kathy Scalzo, director of rehabilitation, at 228-5487.

FINAL ORAL EXAMINATIONS FOR THE DEGREE OF DOCTOR OF PHILOSOPHY

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.

Wednesday, Feb. 7, 3:30 p.m.: JOHN HEAD, Chemistry; Theoretical Calculations on Molecules and Clusters Composed of Some Heavier Elements. Room 225, Chemistry Building.

Thursday, Feb. 8, 3:30 p.m.: JOHN APLIN, Chemistry; Spin Labeling Studies of Carbohydrate Polymers. Room 225, Chemistry Building.

Friday, Feb. 9, 9:00 a.m.: ANNETTE E. WRIGHT, Education; The Nature of Legislative Policy: A Comparative Analysis of Selected Educational Legislation.

GRADUATE STUDENTS, 1979-80

The UBC Awards Office offers a number of graduate fellowships for Master's and Ph.D. students attending UBC. Further information can be obtained from the department in which you are or will be studying. The deadline for receipt of applications is Feb. 15, 1979.

SUMMER SESSION EMPLOYMENT

The Canada Employment Centre at UBC maintains listings of summer session academic employment opportunities at universities and colleges across Canada. Interested faculty and graduate students can obtain further information by visiting the office, Room 214, Brock Hall, in the south east corner of the building, between 8:30 a.m. and 4:30 p.m.

MUSICAL COMEDY

Mussoc presents Cole Porter's musical comedy *Anything Goes*, directed and choreographed by Grace Macdonald, musical direction by David Fryer. Jan. 31 to Feb. 10; Tuesday through Saturday at 8:30 p.m. in the Old Auditorium. Tickets available at Concert Box Offices and AMS Business Office. Students, Tuesday to Thursday, \$2; public, \$3 and \$4.

VANCOUVER INSTITUTE

Saturday, Feb. 3
 Prof. Alan Cairns, Political Science, UBC, on *The Crisis of Canadian Federation*.

Saturday, Feb. 10
 Dr. Andrew I. Malcolm, M.D., F.R.C.P.(C), Green Visiting Lecturer, speaks on *The Use and Abuse of Psychiatrists in Courts*. Both lectures at 8:15 p.m., Lecture Hall 2, Woodward Instructional Resources Centre.

SUNDAY, FEB. 4

3:00 p.m. MUSEUM OF ANTHROPOLOGY. Douglas Hudson, visiting curator at the museum, on *Weirs and Watersheds: An Historical Account of B.C. Indian Fishing*. Museum, 6393 Northwest Marine Dr.

7:00 p.m. SUBFILMS presents *The Omen*. Admission \$1 with AMS card. Auditorium, Student Union Building.

MONDAY, FEB. 5

9:30 a.m. COMPUTING CENTRE. First in a series of two lectures on *A Survey of Statistical Programs* by Jim Bjerring, UBC Computing Centre. Room 443, Computer Sciences Building.

10:00 a.m. URBAN LAND ECONOMICS WORKSHOP. Nancy Bain, graduate student, Urban Land Economics Division, UBC, on *The Equity of the Distribution of Benefits in the NHA Mortgage Program*. Penthouse, Angus Bldg.

12:30 p.m. JAZZ ENSEMBLE, with Gary Guthman and Fred Stride. Recital Hall, Music Building.

3:30 p.m. COMPUTING CENTRE. First in a series of six lectures on *Introduction to MTS Commands and Files* by Alan Ballard, UBC Computing Centre. Room 462, Computer Sciences Building.

HEALTH CARE AND EPIDEMIOLOGY SEMINAR. Dr. Brenda Morrison, Health Care and Epidemiology, UBC, on *Risk Factors for Cancer*. Room 106, Mather Building.

BIOCHEMISTRY SEMINAR. B. Ruff, Biochemistry, UBC, on *Involvement of Cyclic CMP in Phospholipid Biosynthesis*. Lecture Hall 3, Woodward I.R.C.

MANAGEMENT SCIENCE SEMINAR. Prof. A.F. Veinott, Jr., Department of Operations Research, Stanford University, on *Minimum Concave Cost Single Source Network Flows*. Room 202, Scarfe Building.

4:30 p.m. BIOCHEMICAL SEMINAR. Dr. John Abelson, Chemistry, University of California, San Diego, on *Transcription and Processing of Yeast tRNAs Containing Intervening Sequences*. Lecture Hall 3, I.R.C.

MONDAY, FEB. 5 (Continued)

4:30 p.m. ZOOLOGY/PHYSIOLOGY SEMINAR. Dr. Neil F. Hadley, Zoology, Arizona State University, Tempe, on *Cuticular Permeability and the Epicuticular Lipids of Arthropods*. Room 2449, Biological Sciences Building.

8:00 p.m. ARCHAEOLOGICAL INSTITUTE LECTURE. Dr. W. Coulson, Classics, University of Minnesota, on *The Dark Ages in Southern Greece*. Theatre, Museum of Anthropology, 6393 Northwest Marine Dr.

TUESDAY, FEB. 6

12:30 p.m. UBC HUMANITIES ASSOCIATION second in a series of lectures on *Religion and Literature*. Dr. Peter Petro, Slavonic Studies, UBC, on *The Apocalyptic Vision in Russian Literature*. Room 2238, Buchanan.

BOTANY SEMINAR. Prof. Ruben Duran, Plant Pathology, Washington State University, on *Smut Systematics: A View Toward the Future in View of the Past*. Room 3219, Biological Sciences Building.

1:30 p.m. ELECTRICAL ENGINEERING SEMINAR. Dr. A.G. Longmuir, Kaiser Aluminum, on *Control of Cold Rolling Mills*. Room 402, Electrical Engineering Bldg. MODERN CHEMICAL SCIENCE SEMINAR. Dr. D.E. Brooks on *Colloid Chemistry in Biological Systems*. Room 225, Chemistry Building.

2:30 p.m. COMPUTING CENTRE. The first in a series of 12 lectures on *FORTRAN Language* by Bruce Jolliffe, UBC Computing Centre. Room 107, Computer Sciences Bldg.

3:30 p.m. BOTANY SEMINAR. Prof. Ruben Duran, Plant Pathology, Washington State University, on *Sex, Smut and Suchfaden*. Room 3219, Biological Sciences Bldg. OCEANOGRAPHY SEMINAR. Dr. W. Fong, Dalhousie University and Oceanography, UBC, on *The Role of Gut Flora in the Transfer of Amino Acids Through a Marine Food Chain*. Room 1465, Biological Sciences.

ASIAN RESEARCH seminar series on *Asians in Canada*. Kamal Prasad on *The Gujaratis of Fiji: Values and Organizations*. Room A-209, Mechanical Engineering Annex A.

OPTIMIZATION SEMINAR. Prof. M. Puterman, Commerce, UBC, on *Dynamic Programming, Stochastic Control and Newton's Method, Part II*. Room 203, Mathematics Building.

SCIENCE AND TECHNOLOGY STUDIES COMMITTEE continues its weekly *Workshop on the History of Exact Sciences* with a series of presentations by Prof. Len Berggren, Mathematics, SFU, on *Ancient and Medieval Mechanics: From Aristotle and Archimedes to Abu Sahl Al-Kuhi*. Room 3252, Buchanan Bldg.

ENGLISH COLLOQUIUM. Dr. R.W. Bevis and others with *A Parlement on (John) Fowles*. Fifth floor lounge, Buchanan Tower.

4:30 p.m. CHEMISTRY RESEARCH CONFERENCE. J.R. Nunn, Chemistry, Rhodes University, Grahamston, South Africa, on *Nitrosoamines in Relation to Cancer: A Survey of the Present Position*. Room 250, Chemistry.

7:30 p.m. MUSEUM OF ANTHROPOLOGY first of a weekly seven-part series on *Northwest Coast Indian Art*. Introduction by Bill Reid, Haida artist. \$15 for members; \$20 for non-members. Single lectures, \$2.50 for members; \$3.50 for non-members. Museum, 6393 Northwest Marine Dr.

WEDNESDAY, FEB. 7

12 noon THE CHANGING WORLD series presented by the UBC Centre for Continuing Education. Dr. Peter Larkin, dean, Graduate Studies, and professor, Animal Resource Ecology, UBC, on *The Two Hundred Mile Limit: Did Anybody Ever Ask the Fish? Robson Square Theatre, corner of Robson and Hornby Sts., Vancouver*.

12:30 p.m. NOON-HOUR CONCERT. James Fankhauser, tenor; and Duo Geminiani, Stanley Ritchie, baroque violin, and Elizabeth Wright, harpsichord, perform *Music of Bach, Handel, Telemann and Boismortier*. Recital Hall, Music Building.

12:35 p.m. FREESEE FILM SERIES on *The Human Journey*. This week's film is *Keeping the Peace*. Auditorium, SUB. EDUCATIONAL PSYCHOLOGY SEMINAR. Barbara Holmes, Educational Psychology, on *Problems with Securing a Representative Provincial Norming Sample of B.C. School Children*. Room 1021, Scarfe Building.

3:30 p.m. APPLIED PROBABILITY AND STATISTICS WORKSHOP. Prof. N. Reid, Statistics, Stanford University, on *Robust Estimation With Censored Data*. Room 223, Angus Building.

4:00 p.m. GEOPHYSICS SEMINAR. Dr. Ron Clowes, Geophysics and Astronomy, UBC, on *Crustal Structure From Marine Seismic Surveys Off Canada's West Coast: 1. Winona Basin and 2. West of Explorer Ridge*. Room 260, Geophysics and Astronomy Building.

4:30 p.m. PHARMACOLOGY SEMINAR. Dr. Leslie E. Bailey, professor of pharmacology, Dalhousie University and MRC Visiting Professor, on *Prevention of Cardiomyopathy in Dystrophic Animals*. Lecture Hall 3, Woodward Instructional Resources Centre.

ECOLOGY SEMINAR. Dr. William E. Neill, Animal Resource Ecology and Zoology, UBC, on *Constraints on Organization in Planktonic Communities*. Room 2449, Biological Sciences Building.

7:00 p.m. DUPLICATE BRIDGE. Informal game at the Faculty Club. Faculty, staff and graduate students are invited to participate. \$1.75 per person includes refreshments. For further information, call Steve Rettig at 228-4865.

8:00 p.m. GREEN VISITING PROFESSOR. Dr. Andrew I. Malcolm, M.D., F.R.C.P.(C), psychiatrist, Toronto, on *Tragic Cults*. Lecture Hall A, School of Social Work.

THURSDAY, FEB. 8

11:30 a.m. BIOCHEMICAL DISEASES SEMINAR. Dr. R. Sherwood on *Foetal Alcohol Syndrome*. Department of Population Pediatrics conference room, Children's Hospital, 250 W. 59th Ave.

THURSDAY, FEB. 8 (Continued)

12:10 p.m. THE NEW WORKING WOMAN. Second in a series of four programs on *Building a Career Through Volunteer Employment*. Dorothy Holme, Federal Advisory Council, Status of Women, on *Making Your Volunteer Work Make a Difference*. Women's Resources Centre, 1144 Robson St. For information, call 685-3934.

12:30 p.m. GREEN VISITING PROFESSOR. Dr. Andrew I. Malcolm speaks on *The Hazards of Living in a Chemophilic Society*. Lecture Hall 2, Woodward I.R.C. TEACHING/LEARNING COMMITTEE, Faculty of Applied Science Lecture. Lee Harrisberger, professor of Mechanical Engineering and director of Instructional Development, University of Alabama, College of Engineering, on *Getting People "Off Their Duff" (On Motivating Learners and Teachers)*. Room 1202, Civil and Mechanical Engineering Building.

UBC CONTEMPORARY PLAYERS, with Stephen Chatman and Eugene Wilson, co-directors, perform *Music of Feldman, Varese and Wilson*. Recital Hall, Music Building.

ACADEMIC WOMEN'S ASSOCIATION third session in the series on *Financial Management*. Alix Granger, Peter Cundill Associates, on *Investment Portfolio Planning*. Room 203, Buchanan Building. Non-members welcome.

CREDIT SEMINAR. Pat Mugridge, former deputy director, Debtors Assistance Division, B.C. Department of Consumer and Corporate Affairs, on *Making the Most of Credit*. No registration fee. Room 119, Student Union Building. Sponsored by the Awards Office and the Women Students' Office.

1:30 p.m. APPLIED MATHEMATICS AND STATISTICS COLLOQUIUM. Prof. Bruce L. Clarke, Chemistry, University of Alberta, on *Stability of Complex Chemical Reaction Networks*. Room 100, Mathematics Building.

2:30 p.m. PHYSICS CONDENSED-MATTER SEMINAR. Lenny Brillson, Xerox Corp., New York, on *Surface Science Research on Metal-Semiconductor Interfaces*. Room 318, Hennings Building.

3:30 p.m. TEACHING/LEARNING COMMITTEE lecture. Prof. Lee Harrisberger on *Developing a Career Readiness Course in Engineering*. Room 202, Electrical Engineering Building.

APPLIED MATHEMATICS SEMINAR. Prof. Lon Rosen, Mathematics, UBC, on *Correlation Inequalities for the Yukawa Quantum Field Model*. Room 203, Mathematics Building.

4:00 p.m. PHYSICS COLLOQUIUM. G. Garvey, N.A.L., Argonne, Ill., on *Fundamental Aspects of Weak Interactions in Nuclear Systems*. Room 201, Hennings.

4:30 p.m. BIOMEMBRANE GROUP SEMINAR. Dr. Ameera Al-Jobore, Pharmaceutical Sciences, UBC, on *Monosaccharide Transport in *P. fluorescens* Membrane Vesicles*. Lecture Hall 3, Woodward I.R.C.

7:00 p.m. SUBFILMS presents *Kentucky Fried Movie*. Repeated Friday and Saturday and Sunday at 7:00 and 9:30 p.m. Admission \$1 with AMS card. Auditorium, Student Union Building.

7:30 p.m. DIALOGUES IN DEVELOPMENT, sponsored by CUSO and UBC Centre for Continuing Education. *Starpower*, a simulation game to experience the trap of poverty and economic underdevelopment, with Linda Lehr and Tom Morton. Upper Lounge, International House. Pre-registration recommended. For information, call 228-4886, days, and 261-4476, evenings.

8:00 p.m. FACULTY RECITAL. Hans-Karl Piltz, viola; and Robert Rogers, piano, perform *Music of Haydn and Finney*. Recital Hall, Music Building.

PEOPLE TALKING BACK. The Centre for Continuing Education offers an opportunity for persons interested in forming discussion groups for the Canadian Association for Adult Education/CBC project *People Talking Back*. Conference Room, CCE, 5997 Iona Dr.

FRIDAY, FEB. 9

11:30 a.m. DEVELOPMENTAL MEDICINE SEMINAR. Dr. D. Van Alstyne, Pediatrics, UBC, on *Persistent Rubella Virus Infection of Glial Cells*. Room 15, 811 W. 10th.

1:00 p.m. MEDICAL GENETICS SEMINAR. Dr. R.N. Montealeone on *Latin American Collaborative Study of Congenital Malformations*. 4th floor conference room, Health Centre for Children, 715 W. 12th Ave.

3:30 p.m. COMPUTER SCIENCE COLLOQUIUM. Dr. Forest Baskett, Electrical Engineering, Stanford University, on *Addressing Structures for Procedures, Processes and Processors*. Room 301, Computer Sciences Building.

LINGUISTICS COLLOQUIUM. Jim Placzek, Linguistics, UBC, on *Thai Classifiers: Semantic Relations Between Head Noun and Classifier*. Room 2225, Buchanan Building.

MATHEMATICS COLLOQUIUM. Prof. Robert Finn, Stanford University, on *Geometric Estimates for Capillary Surfaces*. Room 1100, Mathematics Annex.

CHEMICAL ENGINEERING SEMINAR. R.J. Kerekes, Pulp and Paper Research Institute of Canada, on *Flow of Pulp Fibre Suspensions in Paper Manufacture*. Room 206, Chemical Engineering Building.

SATURDAY, FEB. 10

8:00 a.m. STEPHEN LAZAR MEMORIAL FENCING TOURNAMENT continues until approximately 12 noon. Men's and women's foil events today. Continues on Sunday, Feb. 11, beginning at 9:30 a.m. with epee events followed by sabre events at 12 noon. Osborne Centre, Gym A, Thunderbird Blvd.

2:00 p.m. MUSEUM OF ANTHROPOLOGY weekly series of films which influenced the Canadian documentary, introduced by Lucy Turner, visiting curator. This week's film is *Dreamland: A History of Early Canadian Movies (1895-1939)*. Museum, 6393 Northwest Marine Dr. Free with museum admission.

7:30 p.m. INTERNATIONAL VALENTINE PARTY. Dr. Ken Wotherspoon speaks on *Time to Remember International Unity and Love*. Dancing and full facilities. Tickets in advance only. Non-members, \$2. Tickets must be purchased from the Pacific Singers, 224-7159 or 753-0748. I.H. members, complimentary, one per person. A.M.S. members, limited number of tickets available.