UBC REPORTS

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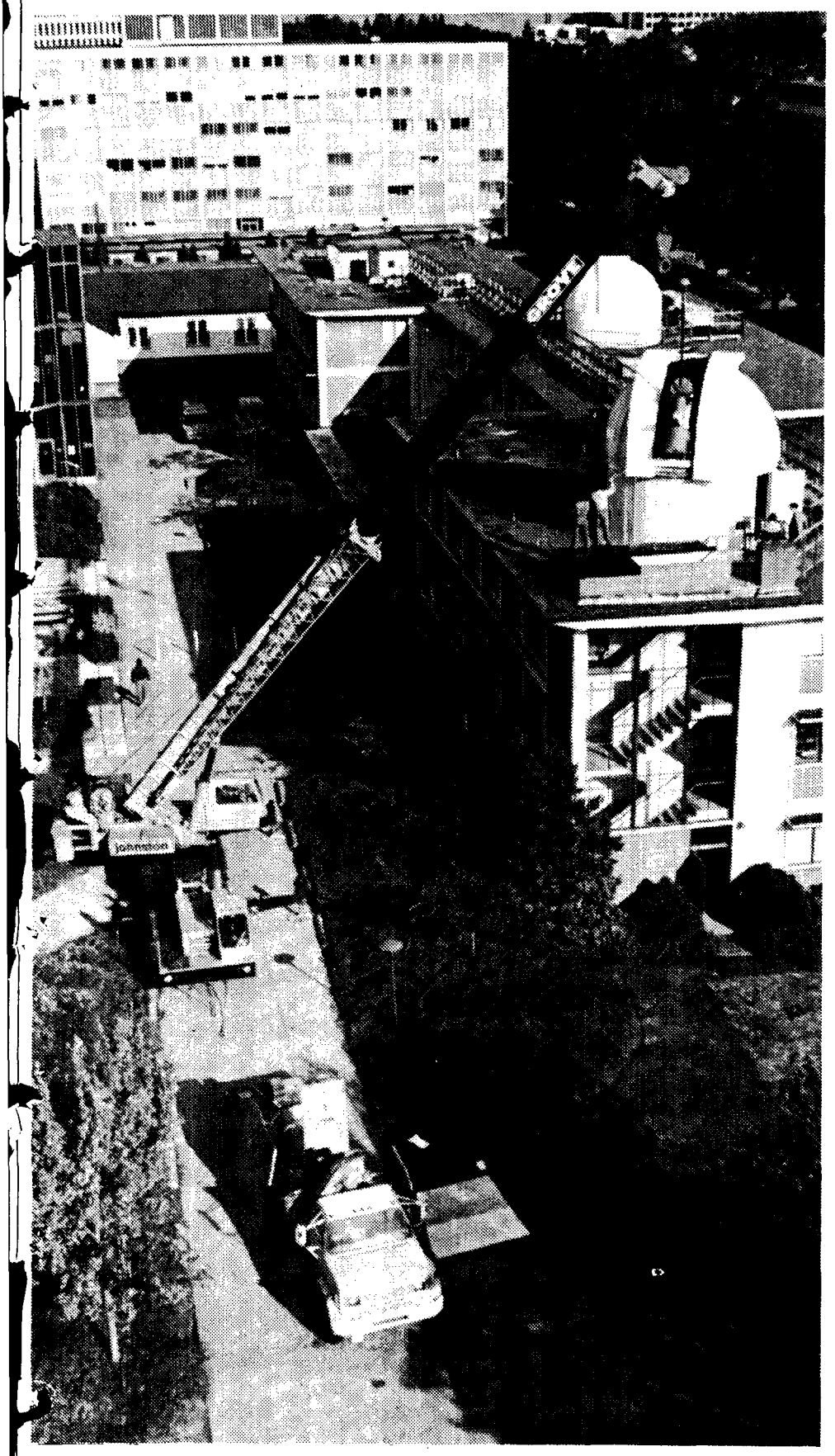


New 16-inch telescope goes into position atop Geophysics and Astronomy Building. It will be used by 4th year and grad students, and will be open for public use two nights a week starting at the end of October.

No word on request for funds until SFU faculty settles

There won't be any response to UBC's request for an additional $7.2 million until a salary dispute is settled at Simon Fraser University.

"Until all three universities have made wage and salary settlements, it is not possible to approach the government for additional funding," said Dr. Bill Gibson, chairman of the Universities Council of B.C.

UBC's president, Dr. Douglas Kenny, asked the UCBC two weeks ago for an additional $7,236,450 to meet the shortfall in the University's annual operating budget resulting from the arbitration award to faculty of 18 per cent.

Dr. Gibson said he was prepared to ask the provincial government for more money, but not until the needs of all three universities were known.

A spokesperson at SFU said an arbitration decision on faculty salaries was expected this week. The faculty wants 17 per cent and has been offered 12.

At the University of Victoria, the general increase to faculty was 13.5 per cent. An additional 2.3 per cent was negotiated for career development and merit.

Meanwhile, UBC's Advisory Committee on Budget Retrenchment, chaired by Vice-President Michael Shaw, has begun its review of the University's programs and operations.

Specifically, the 13-member committee has been asked "to consider the entire spectrum of the University's programs and operations and advise the President how best to preserve the quality of education at UBC in view of an expected annualized shortfall of approximately $7.2 million in operating funds for fiscal 1982-83 and beyond."

The committee will report to President Kenny by Dec. 10.

On the committee with Dr. Shaw are Dr. Jason Auman (Geophysics and Astronomy), Dr. Harold Copp (Physiology), Dr. John Dennison (Education), Dr. Gerald Feltham (Commerce and Business Administration), Dr. William Keenleyside (Convocation Senator and member of the Senate Budget Committee), Dr. Robert Kennedy (Forestry), Dr. Albert McClean (Law), Dr. Vinod Modi (Mechanical Engineering), Dr. Geoffrey Scudder (Zoology), Mr. Ron Shearer (Economics), Dr. Olav Slaymaker (Geography) and Mr. Ken Young (Registrar).

President Kenny reported to Senate Sept. 16 on the financial situation. This is what he said:

The University has reached the bottom line — academically and fiscally.

It is clear that our present financial resources cannot continue to support the quality, the size and the scope of the academic programs we now have, much less sustain sufficient capacity to lead in the exploration of new academic areas. Of course, our current fiscal situation is not unique among institutions of higher education in North America. McGill, for example, has an estimated $15.5 million deficit for 1981-82.

Our finances are in a state of grave uncertainty for three main reasons:

Please turn to page 7
See DIFFERENCE

Bank branch to close

If you do your banking in the new administration building, you won't be after Dec. 18.

That is the last day of business for that branch of the Bank of Montreal, which opened in 1969.

Accounts will be moved automatically to the B of M branch in the Student Union Building. All account numbers will remain the same and the administration branch transit number of 764 also will move to SUB, so that pre-printed cheques will not have to be replaced.

Banking hours in the SUB branch are 9:30 a.m. to 3:30 p.m. Monday through Thursday and 9:30 a.m. to 6 p.m. on Friday.

The Canada Student Loan department, formerly in the SUB branch, has been moved to the Bank of Montreal branch at Granville and Pender. Until the end of this week, however, loans officers are processing applications in Room 119 of the Student Union Building.

A spokesperson for the Bank of Montreal said there are about 26,000 accounts in the SUB branch, about 8,000 in the administration building branch.

He said the two branches employ a total of 13 tellers; after Dec. 18, all 13 will work in the SUB branch. All other employees of the branch that is closing are guaranteed jobs either in the SUB branch or at other B of M branches.

Term paper on view to all

Term Paper Blues is a term paper.

It is also a 16mm movie that is being shown daily this week at 12:35 and 1:00 p.m. in Buchanan 104, sponsored by the Library.

Term Paper Blues was written and directed by Alyson Drysdale, and it was her 'term paper' in a 4th-year film course. Ms. Drysdale graduated last spring with a major in English Literature but hopes to make her way professionally as a screen writer.

Term Paper Blues is the story of a young student and the problems he faces attempting to find material on cloning for his term paper. His problems are solved after he is introduced to the Sedgewick Library.

UBC gets Knowledge Network

UBC is about to become the operations centre for the Knowledge Network, the province-wide educational television network established in 1980 as a non-profit society by the provincial government.

Under an agreement negotiated during the past six months, the network, which assists educational institutions and government agencies in the delivery of distance education programs by television, will rent space in UBC's Library Processing Centre and the adjacent Woodward Instructional Resources Centre.

On Oct. 5, the network's satellite transmitter will be moved into position atop the Woodward IRC and Knowledge Network personnel currently located at the B.C. Institute of Technology, where network programming now originates, will move to Point Grey.

From quarters in the Woodward IRC, network personnel will oversee the transmission of 98 hours of public educational television which is beamed weekly to all parts of the province. Fall program guides are available from network offices on the fourth floor of the Library Processing Centre, 2206 East Mall, telephone 224-6571.

The negotiations which led to the relocation of the Knowledge Network at UBC were carried out under the general direction of a UBC committee chaired by Prof. Robert Smith, UBC's associate vice-president, academic.

The man who carried out the day-to-day liaison with the network was Ian Cameron, head of the audio-visual and television division of the University's Department of Biomedical Communications, which also has its headquarters in the Woodward IRC. The network's side of the negotiations were carried out by David Roach, manager of network operations and Eva Branner, manager of the network's business services.

The Knowledge Network is governed by a nine-member board and its president is Prof. Walter Hardwick, former deputy minister in the provincial Ministry of Education, who last year returned to teaching and research duties in UBC's Department of Geography in the Faculty of Arts.

The network reports to the provincial government through the Hon. Patrick McGeer, Minister for Universities, Science and Communications.

"The Knowledge Network," Prof. Hardwick says, "is pioneering in the area of educational telecommunications and independent learning systems, areas which will expand learning opportunities and, through substitution of communications for travel, maintain and expand the level of services to remote areas at reasonable cost."

Knowledge Network programs are received throughout B.C. as well as in the Yukon, Western Alberta and the Northwest Territories. The network's signals are bounced back to earth from Canada's ANIK-B satellite, in fixed orbit 22,000 miles above the equator, and picked up on earth-terminal installations.

The signals are currently received in 53 communities and broadcast by cablevision in 45 of them. An additional 50 small communities are hoping to join the network in the next few months under a Ministry of Communications grant program for isolated communities.

Community colleges and school districts in many communities have established viewing centre classrooms where students may go to participate in programs. In many B.C. communities, the network can be viewed in the home via cablevision. On the Lower Mainland, viewers have to have a converter attached to their sets to process the network's signals.

UBC is contributing material for each of the three general categories of programming being broadcast by the Knowledge Network this fall.

1. UBC is one of 13 B.C. educational institutions which are offering a total of 28 "Telecourses" for credit this fall.

The telecourses cover a wide range of subjects, including geography, mathematics, art, astronomy, biology, business, psychology and child development. Students who enrol for the courses through community colleges or UBC receive study guides, textbooks and the services of a tutor who is available by telephone or through a local learning centre.

Telecourse viewers get some form of credit from the institution sponsoring the course, provided they register, pay a fee and write and pass various tests.

UBC offers a course entitled "Pyramids to Picasso," a survey course on art and architecture, which carried three units of credit in the Department of Fine Arts (its equivalent in the UBC Calendar is Fine Arts 125).

With three community colleges, UBC also registers students for a telecourse entitled "An Introduction to Computers and their Application." Students who successfully complete the course and are registered with UBC receive one of the 12 credits required to qualify for a Diploma in Administration for Engineers.

Both telecourses are offered through UBC's Centre for Continuing Education.

2. UBC's profile on the Knowledge Network is highest in the area of "Interactive Programs," which will originate from the network's facilities in the Woodward IRC and will be broadcast "live" throughout the province.

Interactive programs are especially valuable in the area of professional continuing education or in specialized areas of provincewide interest. It's anticipated that this will be the chief area of emphasis for universities in the immediate future.

What gives an added dimension to this form of broadcast is that viewers are able to communicate with instructors by telephone during and after a studio presentation.

The UBC Faculty of Education's contribution to interactive programming began Sept. 12, when the first of a weekly series of videotapes on exceptional children was broadcast. School teachers who are enrolled for the course will receive credit for Education 312 when they have successfully completed requirements. The videotapes were produced in the faculty's own facilities in the Scarfe Building.

Starting today (Sept. 30), the first of four continuing dental education programs will be broadcast over the network. The two-hour programs cover such topics as impact injuries, a review of head and neck anatomy and the recognition and description of clinical and oral lesions.

Late in October, the continuing medical education division will begin broadcasting for physicians in general practice throughout B.C. a six-part series on the recognition, diagnosis and management of rheumatology. throughout B.C.

And UBC's School of Social Work will use network facilities in October and November to communicate with a group of students who will gather at the College of New Caledonia in Prince George, where the school offers a credit program leading to the degree of Bachelor of Social Work.

3. Finally, UBC is involved in general-interest programming called "Teleseries." This type of programming, which utilizes tapes from Great Britain's Open University and other educational television groups, covers a wide range of topics in the fields of history, music, science, forestry, geography, literature, law, technology and communications.

UBC's contribution to the teleseries is a series of six programs prepared by the UBC Museum of Anthropology. The series introduces viewers to UBC museum collections and describes Native Indian fishing and canoe techniques.

Meanwhile, work is continuing on another major component of the Knowledge Network, which is expected to be complete early in 1982.

A $1.2 million grant from the provincial government is being used to provide a closed circuit cable and microwave system linking B.C.'s three public universities, the affiliated teaching hospitals associated with UBC's health sciences disciplines and the downtown Law Courts with the Faculty of Law building at UBC.

One of the chief advantages of the system linking the affiliated teaching hospitals and the Law Courts and the Law Building on the UBC campus will be to avoid time-consuming travel for students and faculty members.

Health sciences students and faculty members in any one of the teaching hospitals will be able to see surgery as it takes place. Not only will they also be able to hear comments on the procedure by the operating surgeon, but viewers will also be able to ask questions as the operation progresses.

Doctors at any one of the teaching hospitals will be able to give a case presentation (called "rounds") to groups at any of the other hospitals.

The many ways in which the Knowledge Network can be utilized for the delivery of educational programs is being discussed on several levels at UBC.

Prof. Smith and administrators at UVic and SFU are considering how the network can be used for delivering credit and non-credit programs to the many communities in the Interior of the province which have receiving facilities.

Prof. Smith said the Universities Council had allocated "a modest sum of money" for initial program planning and development.

Another planning group has been formed for the health science disciplines under the chairmanship of Dean Bernard Riedel, dean of the Faculty of Pharmaceutical Sciences and Co-ordinator of Health Sciences.

And Associate Dean of Commerce and Business Administration, Dr. Fred Siller, chairs a committee on professional continuing education which is considering how the network can best be used to upgrade the skills and knowledge of professionals in all parts of the province.

There is no lack of production facilities on the UBC campus for those who want to produce educational video programs that could be utilized on the Knowledge Network.

In addition to the facilities of the Department of Biomedical Communications in the basement of the Woodward IRC, UBC's Department of Audio-Visual Services in the Library Processing Centre has new equipment and expanded services that make it one of the best-equipped educational production facilities in Western Canada.

The audio-visual department's production co-ordinator, Ross Nelson, says the department can create virtually any type of program or instructional aid in audio, video or slide/tape.

The department, he says, is particularly interested in working with departmental committees involved in the improvement of teaching skills and the development and upgrading of instructional aids.

Interested members of faculty who want to know more about the department's services should call 228-5036.

GRANT DEADLINES

Open

- NSERC: Individual Grants Collaborative Special Projects.

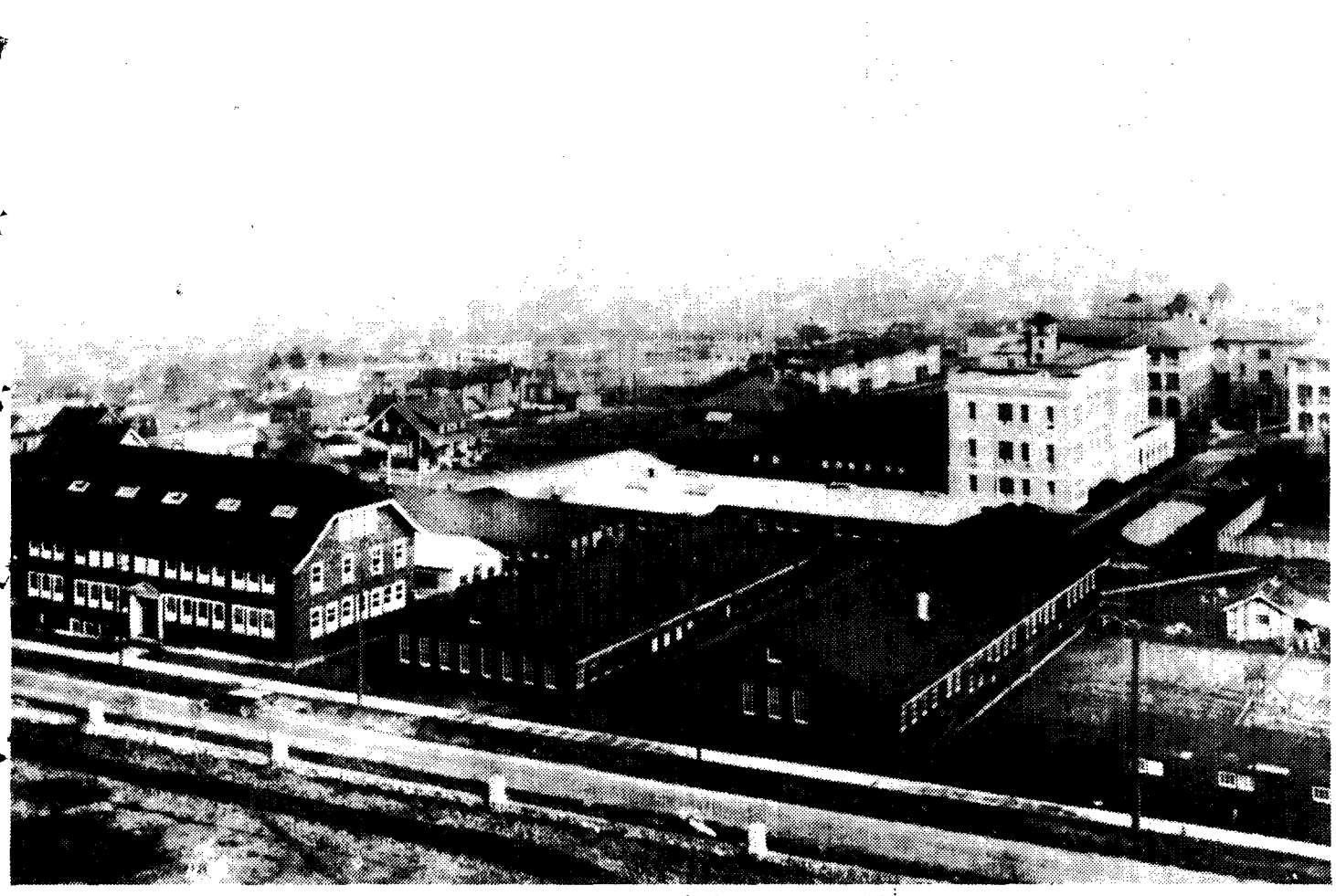
October 31

- Japan World Exposition Commemorative Fund International Projects.

November 1

- Alberta Oil Sands Tech. and Research Authority Research Contract.
- AUCC: International Scholarships Study Research in West Germany.
- Distilled Spirits Council of U.S. Grants-in-aid for Research.
- Health and Welfare: Family Planning Awards/Demonstrations.
- MRC: Awards Program MRC Scholarship.
- MRC: Awards Program Research Professorship.
- MRC: Grants Program grants-in-aid.
- MRC: Grants Program Major Equipment.
- NSERC: Individual Grants — Conference Grants.
- NSERC: Individual Grants — Equipment.
- NSERC: Individual Grants — Individual Research.
- NSERC: Individual Grants — Infrastructure Grants.
- NSERC: Individual Grants — Intermediate and High Energy Physics.
- NSERC: Individual Grants — Team Research.
- NSERC: Major Equipment and Installation — Major Equipment.
- SSHRC: International Relations Division Travel Grants for International Representation.
- SSHRC: International Relations Division Travel to Int'l Scholarly Conferences.
- UBC: Killam Senior Fellowship.
- U.S. Dept. of Health, Education and Welfare NIH Grants to Foreign Institutions.
- Von Humboldt Foundation (W. Germany Research Fellowship).
- World University Services Awards to Foreign Nationals: Fellowships.
- World Wildlife Fund (Canada) General Research.

September 30 . . . an historic date



Our beginnings . . . UBC Fairview campus, 1915 to 1925

September 30, 1981 marks the 66th anniversary of the start of classes at UBC. To mark the occasion we'd like to share "66 Facts about UBC" with you. Although UBC is young by university standards, much has been achieved since that first year. We look forward with anticipation and excitement to the achievements which the future surely will bring.

Sincerely,

Douglas T. Kenny
President

1 In the last 66 years, we've grown up. In 1915 UBC opened its doors to 379 students on an operating budget of $175,000. In 1980-81, we served almost 100,000 students, on an operating grant of $143,300,000.

2 Of those 100,000, more than 34,000 are taking credit courses during the day or at night, through winter, spring or summer sessions, or by correspondence. UBC now has the second largest full-time enrolment of university students anywhere in Canada.

3 The original staff of 34 faculty members has expanded as well. Full-time teaching staff number 1,900, with slightly fewer than that number teaching part-time.

4 A committee appointed in 1932 to investigate B.C. finances and recommend economies (things were not so different then) suggested that consideration be given to closing UBC and providing students with scholarships to attend other Canadian universities. The government rejected the advice.

5 Since its beginning in 1915, UBC has awarded more than 100,000 degrees.

6 It's not easy to be admitted as a student to UBC. Entrance requirements for first year students as of September 1981 are among the stiffest in Canada.

7 The residences at UBC house 3,400 single students and 393 couples or families, making it the second largest university dormitory operation in Canada.

8 UBC faculty members volunteer their expertise to some 400 groups each year through the UBC Speakers' Bureau, giving talks on everything from acupuncture to zoning. More than 900 topics are currently offered. If you need a speaker for your organization call the Speakers' Bureau, run by UBC's Alumni Association, at 228-3313.

9 In 1981, 21 members of the provincial legislature were UBC grads.

10 From one senior citizen to another: If you're 65 or over, you can take credit courses free at UBC.

11 More than 3,400 credit courses are available at UBC.

12 We're constantly changing to keep up to date. In a recent four-year period, UBC dropped 745 courses from its programs and introduced a thousand new ones.

13 The UBC campus now covers 396 hectares (990 acres). Its location on Point Grey, originally a federal defence preserve, was set aside in 1910, and UBC moved to that site in 1925.

14 UBC has graduated 9,024 engineers, 765 architects, 1,153 business administrators, 407 dentists, 15,010 teachers, 1,518 foresters, 1,570 home economists, 4,256 lawyers, 1,190 librarians, 1,800 doctors, 1,876 nurses, 1,207 pharmacists, 574 occupational and physio therapists and 1,541 social workers.

15 More than 90 per cent of all UBC grads are living and working in Canada; more than 80 per cent are in British Columbia.

16 One of the largest continuing education programs IN THE WORLD is conducted by UBC, with more than 94,000 registrations last year alone.

17 There are 327 buildings on the campus, some permanent, some temporary.

18 "Temporary"? UBC defines that word as "WW II huts moved to campus to make temporary classrooms for returned vets in the late '40s and still very much in use 30 years later." As humorist (and UBC grad) Eric Nicol has quipped—they've seen more service in the war against ignorance than they ever saw in the war against Hitler.

19 Since 1928, UBC students while on campus have contributed more than $6.6 million to funding of 12 major buildings, including Brock Hall, the War Memorial Gym, Place Vanier Residence, Thunderbird Winter Sports Centre, the Student Union Building and, most recently, the Aquatic Centre.

20 The Aquatic Centre, winner of the 1978 gold medal for international non-residential pools, devotes about 49 per cent of its schedule to community swim programs.

21 Only three per cent of nearly 3,000 UBC grads who received their degrees in 1980 were found to be unemployed in a recent survey carried out by the University.

22 Prince Charles is the proud owner of a UBC engineering jacket, presented to him on April 1, 1980. (No foolin'.)

23 UBC's geology museum, the M.Y. Williams, contains the largest and most comprehensive mineral collection in B.C., as well as the province's only dinosaur skeleton (Lambeusaurus).

24 The average age of students at UBC is increasing. About a third of all UBC students now are older than 25.

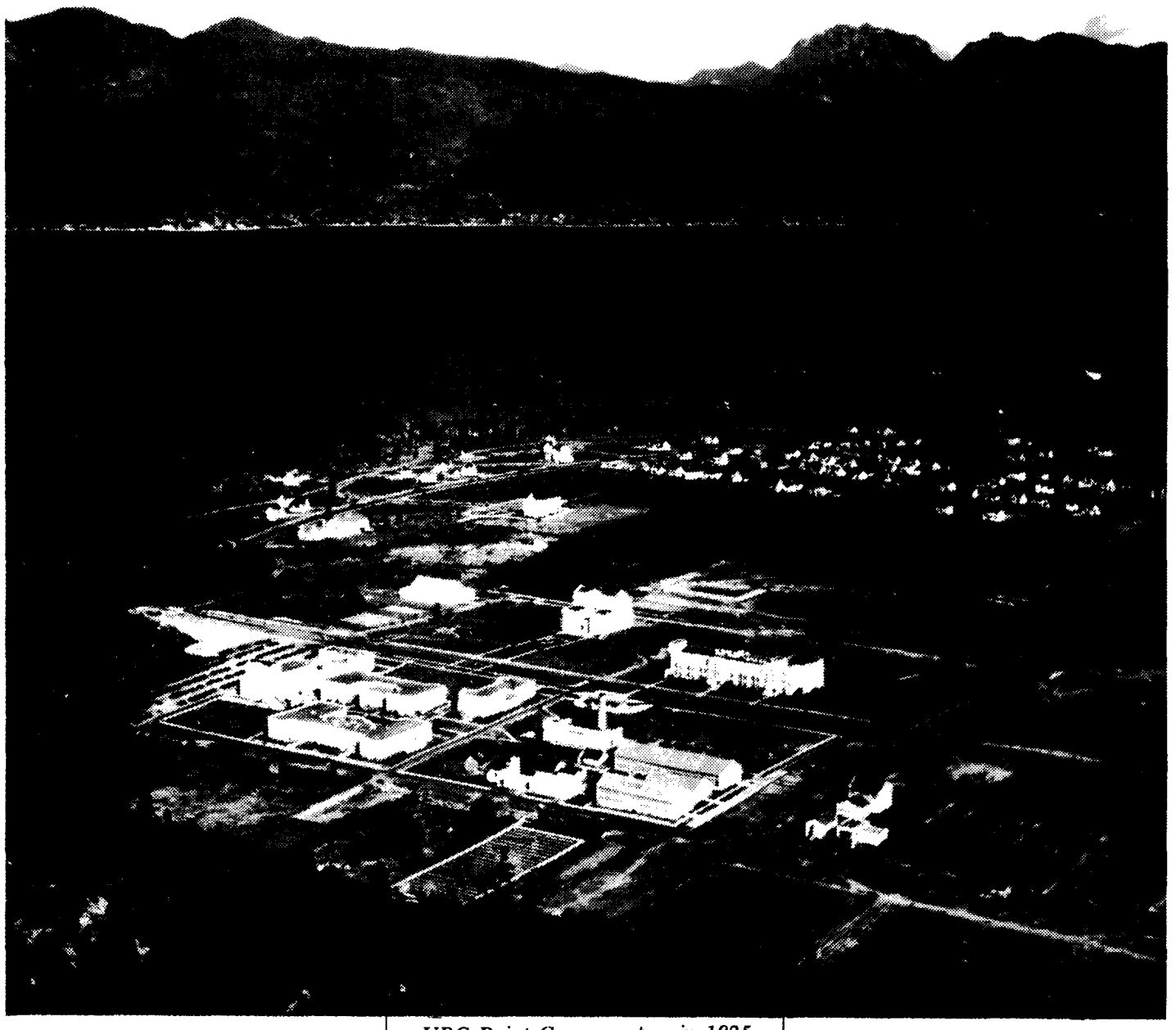
25 Part-time students are also on the increase. 16 per cent of the daytime winter session students are at UBC on part-time basis, compared to 5 per cent a decade ago.

26 The Museum of Anthropology on campus houses one of the world's largest collections of Northwest Coast Indian artifacts, including totem poles, Indian houses, jewelry, masks and feast dishes. Every one of the 11,000 pieces is labelled, catalogued and on public display in unique visible storage shelves.

27 Now that there's a safe place for the rare treasures of collectors, important donations to the museum are swelling the UBC collections. Since the museum opened in 1976, 3,241 rare and beautiful artifacts have been given to the Museum of Anthropology.

28 An American librarian was detained for three weeks as a spy by police in Germany on the eve of the First World War when a plan for the UBC campus was found in his luggage.

UBC classrooms have improved since students gathered in this laboratory



UBC Point Grey campus in 1925

29 Yukoners don't have to come to Vancouver for three years to get a Bachelor of Education (Elementary) degree. The first and third years of this UBC program are now offered in Whitehorse. Students spend their second year on the UBC campus.

30 More than 15,000 people—from school kids to seniors—visit the 5,157 hectare (that's 20 square miles, for us non-metric types) UBC research forest in Maple Ridge, about two hours' drive from the campus, each year. Special tours can be arranged for school groups—call 463-8148.

31 Probably one of the worst locations for a fine arts gallery is found at UBC, underground since 1948 in a corner of the basement of the Main Library. (You can carry this "biggest, best" stuff only so far!) In spite of the location, some seven exhibitions ranging from classical to modern are mounted each year.

32 The UBC Conference Centre, which uses the University residences during the summer months, attracted some 20,000 conference delegates and their families last summer. Money made by the Conference Centre during the summer subsidizes the cost of residence accommodation for students during the winter.

33 UBC chemist Jim Kutney has successfully recreated in his lab natural chemicals that had been derived at great expense from plants for use as cancer drugs. Using his method, other scientists can now produce drugs which don't occur in nature at all, and whose anti-cancer properties may be much better than those of natural drugs.

34 Native Indians have access to a special program at UBC so that they can train to be teachers in schools in B.C. For two years they attend classes near their homes in Chilliwack, North Vancouver, Terrace and Kamloops. Their last two years are spent on campus.

35 Senior dental students in UBC's Faculty of Dentistry provided free dental services to 1,102 Lower Mainland school children in the summer of 1981, services which would have cost more than $303,000.

36 A man with a mattock can plant 700 tree seedlings a day. UBC forester Jack Walters invented a replanting gun now being used commercially that shoots seedlings in plastic bullets into the ground at a rate of 2,600 a day, and is now adapting an all-terrain vehicle mounted with self-loading guns for use in replanting B.C.'s forest lands.

37 About 47 per cent of all undergraduate students at UBC, and 41 per cent of those registered for master's degrees, are women.

38 Eye doctors in UBC's Faculty of Medicine visit the Keewatin district in Canada's north to diagnose and treat eye disease among Eskimos. They provide the same service to the citizens of Fort St. John, B.C.

39 As near as we can figure it rains 54.13 per cent of the winter session days on the UBC campus. But then, think how depressing that would be if you had to shovel it!

40 A high-powered lamp which could revolutionize stadium and industrial lighting had its beginnings in a UBC physics lab. The lamp, an off-shoot of basic research in the field of plasma physics and now being produced by a B.C. company, is so efficient that four could replace the 432 lights now used to illuminate Empire Stadium in Vancouver, and 16 of them could replace the 1,033 lamps in Montreal's Olympic Stadium.

41 UBC has the second largest library in Canada. Only the University of Toronto has a larger one. The library can be used by anyone, UBC student or not, and reference staff is available to help.

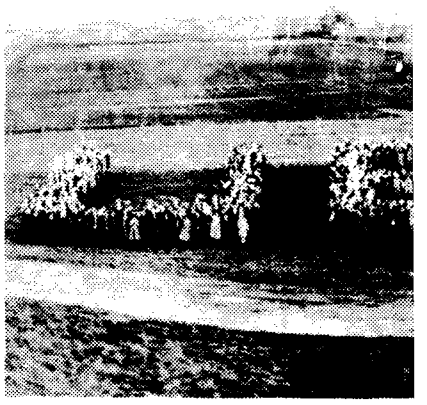
42 You can use the UBC library without even coming to the campus because UBC is part of a provincial library system that allows other libraries to borrow materials. UBC sent more than 24,000 books or photocopies to other libraries in B.C. last year.

43 UBC pharmacists and doctors have developed a Poison Information Centre that provides instant help to physicians throughout B.C. treating patients who have taken poisonous substances.

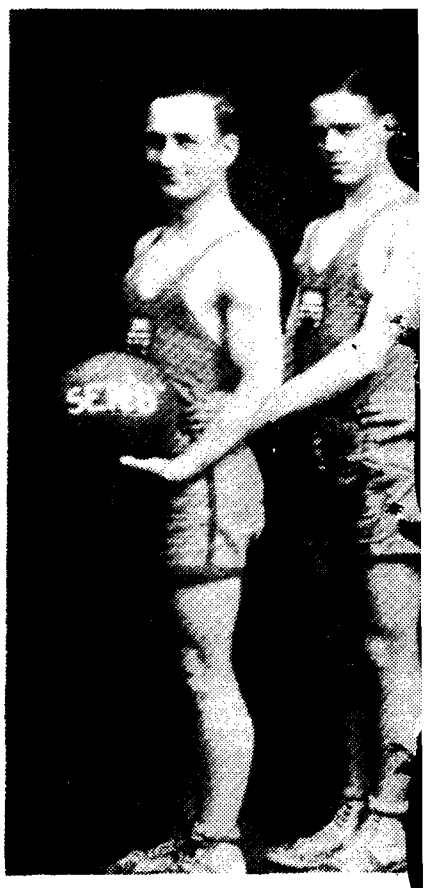
44 UBC ranks second in Canada among universities for research grants from federal sources.

45 Cancer patients are undergoing radiation treatment at the TRIUMF cyclotron on the UBC campus, one of three such cyclotrons in the world.

46 In 1958 UBC librarian Douglas Kaye sold for 10 cents apiece the 78 rpm records donated to the UBC library in the '30s, bought some LP albums and began what is now a collection of 35,000 records—UBC's Wilson recordings collection in Sedgewick Library. $25 buys a year's borrowing privileges, $5 for seniors, faculty, students and staff.



Students gather for campaign to



1930 UBC Se

The Class

UBC to Point Grey campus (1922)

ketball team

sing — 1919

47 To meet coal research needs as coal becomes an increasingly important source of energy, UBC is building a $2.7 million laboratory centre for coal and mineral processing, the only such facility in Canada.

48 UBC engineering students have built and won prizes for an urban car—the Wally Wagon—which won the 1972 urban vehicle design award in Detroit, and an electric car controlled by an award-winning micro-processor and powered by lead-acid batteries.

49 Ten years ago, women made up less than one per cent of UBC students studying engineering. This year there are 120 women, or 7.4 per cent, in graduate and undergraduate engineering programs.

50 The new Asian Centre on campus houses the Asian studies division of UBC's library—books and periodicals in Chinese, Japanese, Korean, Tibetan, and Indic languages—as well as offices and a small performance centre for cultural events.

51 Each year UBC's music department puts on about 140 recitals, all of them open to the public and most of them free of charge.

52. The lives of a number of British Columbians have already been saved by a discovery of Prof. Charles Culling in UBC's Department of Pathology. He has discovered a method of examining cancers in the lung, liver or other parts of the body to tell whether they were caused by an undetected original cancer in the intestine. His test has been adopted by doctors around the world.

53. UBC's computer, an Amdahl V8, is one of the largest computers available today. More than 200 people can be using it at any one time.

54 UBC's Department of Plant Science and the Botanical Garden answer 40 to 50 questions a day from people with plant and garden problems through their phone-in "Hortline" service. Everything from warts on your apples to bugs on your *ficus* can be diagnosed and a cure prescribed. Call the Hortline at 228-5858.

55 Located on the UBC campus to help train health professionals are a 240-bed acute care unit, a 300-bed extended care unit and a 60-bed psychiatric unit—all part of UBC's Health Sciences Centre Hospital.

56 The annual Arts relay race was first run in 1920, when the University was still located on what is now VGH land, in a bid to gain support for a campus at Point Grey. The race was kept up until 1940 and then was revived in 1969 when the original trophy was found under 30 years of dust in a closet at UBC. More than 700 students now take part.

57. UBC has the oldest school of nursing in the Commonwealth, established in 1919. There were three graduates in the first class—class of '23.

58 UBC enrols more blind students than any other university in Canada. A library branch especially designed for them—the Crane Library—has books in braille or large print, or recorded on tape. It's the only such facility in B.C.

59. There are more than 13,000 kinds of plants at the Botanical Garden at UBC.

60 UBC employs more than 6,000 people in teaching and non-teaching roles full-time and another 1,600 people teaching part-time. This makes it one of B.C.'s largest employers and injects a total salary figure, including employee benefits, of $149 million into the provincial economy.

61 The two millionth volume added to the UBC library collection was the *Atlas of British Columbia: People, Environment and Resource Use,* written by Dr. A.L. Farley of UBC's Department of Geography and published by UBC Press, the University's publishing house.

62 The UBC Press, established in 1971, has published 93 titles to date, and in 1980 alone sold 20,000 books in 49 countries throughout the world. It's the largest university press west of Ontario.

63 If you've questions on food additives, processing, quality, grading, preservation or how long food can be stored safely, ask the UBC students in Food Science. They operate a year-round telephone service—call 228-5841.

64 The purchasing department at UBC spends in excess of $40 million a year, making UBC the third biggest public buyer in the province. Only the provincial and federal governments buy more in B.C.

65 In October, 1981, the province-wide educational television system known as the Knowledge Network will move to the UBC campus, where it will beam credit and non-credit programs to all parts of the province. The network's system is capable of reaching nearly 70 per cent of all households in the province.

66 The best cinnamon buns west of Blanca Street are made in the basement of the Student Union Building, by Mr. Chu Wing, following the same recipe that's been used for the last 20 years. Baking the 150 dozen buns daily begins at four o'clock in the morning so they'll be ready for starving consumers at 7:45 a.m.

UBC campus as it is today

Some contacts you may find useful

Serving you

- **The Student Counselling and Resources Centre** offers a variety of services to students including career and personal counselling, career and educational aptitude testing, orientation for students who are new to the campus, and a resource centre where students can obtain information about past exams, volunteer positions and other campus and community resources. The centre also provides workshops on study skills, job-search techniques, career exploration, personal growth and assertiveness training. Special services are offered for handicapped students enrolled at UBC. The centre is located on the main floor of Brock Hall. For information, call 228-3811.

- **The Awards and Financial Aid Office,** located in Room 50 of the New Administration Building, administers scholarship, bursary and loan programs at the University and advises students on financial matters. For details, call 228-5111.

- **Speakeasy,** located on the main floor of the Student Union Building, is a crisis and information centre run by student volunteers. If you're looking for information, or just want someone to talk to, Speakeasy is open from 9:30 a.m. to 9:30 p.m., Monday to Friday. Speakeasy volunteers also provide a typist and tutorial centre for people offering or requiring these services. Telephone, 228-3777.

- **The Canada Employment Centre,** located in Brock Hall, lists part-time jobs for students and arranges interviews for graduating students with potential employers. Career and labor-market information is also available. For details, call 228-4011.

- UBC has several **child care centres** located in the Acadia Camp residential area which cater to children from 18 months to five years of age. For details, call 228-5343.

- **UBC's library system** is decentralized into 13 branches and numerous reading rooms, and contains 2.5 million volumes. The main units are:
  Main Library (228-2077),
  Sedgewick Library (228-3098),
  Woodward Library (228-2762) and the Law Library (228-4238). For information on the University library system, call 228-2077.

- **The Women Students' Office** counsels women students and prospective students with personal, academic, financial, social and career concerns. The office is located in Room 203 of Brock Hall. You can contact them at 228-2415.

1981 UBC students take a break between classes

Culture

- **The Fine Arts Gallery,** located in the basement of the Main Library, presents exhibitions year-round. The gallery is open from 10 a.m. to 5 p.m., Tuesdays through Saturdays. For information, call 228-2759. You can also view displays in the SUB Art Gallery, located on the main floor of the Student Union Building.

- **UBC's Department of Music** puts on about 140 recitals a year, most of them free of charge. These concerts, which frequently feature faculty members and students from the music department, are open to the public. For information on these events, check the weekly listings in the UBC Calendar and on notice boards around campus, or call 228-3113.

- If you enjoy live theatre, check campus listings for information about the regular winter season of plays at the **Frederic Wood Theatre.** Several productions will also be staged in the Dorothy Somerset Studio this winter. For theatre information, call 228-2678 or drop by Room 207 of the Frederic Wood Theatre Building.

- **The Museum of Anthropology** houses one of the world's largest collections of Northwest Coast Indian artwork and artifacts. The museum is open from noon to 9 p.m. on Tuesdays, noon to 5 p.m. from Wednesdays through Sundays and is closed Mondays. For information on museum displays and activities, call 228-5087.

- **UBC's International House** sponsors a variety of events throughout the winter to provide opportunities for Canadians to come in contact with international students. International House activities are open to the public as well as to students. For information, call 228-5021.

- **The M.Y. Williams Geology Museum** contains the largest and most comprehensive mineral collection in B.C. as well as the province's only dinosaur skeleton (Lambeusaurus). The museum is open from 9 a.m. to 5 p.m. on weekdays. Telephone, 228-5586.

- **The Centre for Continuing Education** offers credit, non-credit and professional courses in a wide variety of areas. For information, call 228-2181.

Sports

- UBC offers one of the most extensive **athletic programs** in Canada for competition and recreation. For details on athletic events, call the Athletic Office, at 228-6808 or Recreation UBC, at 228-3996.

Emergencies

- **The Department of Traffic and Security** administers traffic regulations approved by the UBC Board of Governors and supervises on-campus security. The office is open 24 hours a day, seven days a week for security services. Traffic matters are handled from 7 a.m. to 6 p.m., Monday through Friday. Telephone, 228-4721.

- **The Lost and Found** is located in Room 164 of Brock Hall. The office is open on a limited basis — Wednesdays from 12:30 to 3:30 p.m. and Thursdays from 11:30 a.m. to 2:30 p.m. — but hours should expand later in the year. For information, call 228-5751.

- **The Student Health Services,** located in Room M-334 of the Acute Care Unit, provides complete medical facilities for students on campus. Winter hours for the office are 7:45 a.m. to 5:00 p.m., Monday to Friday. You can reach them at 82-7011.

Difference

(continued from page 1)

(a) double-digit inflation;

(b) operating grants from government that have fallen significantly below what the University has requested; and

(c) the University does not have the same ability as most of industry to offset rising costs with rising productivity — there are few, if any, shortcuts to producing highly educated people.

Let me say a few words on this last point.

The University of British Columbia has become a great university, largely through its firm commitment to quality. It will be able to retain that stature only by continuing to insist on quality. Some of the difficult planning choices that confront the University would be eased superficially if the University were to accept lowering of scholarly standards. But the long-term academic interests of the University, the province and the nation will not be served by letting our standards slip.

Quality education is expensive. But then, one must ask: What are the costs of having mediocre higher education? Without a strong commitment to first-class higher education, British Columbia will be condemned to a second-class future.

Let me make a few observations about operating grants from the government. From fiscal year 1975-76 to 1981-82, the cumulative shortfall between grant requested and grant received has been close to $90 million. The shortfall for the current year was over $8 million. I know, and I am sure the Board knows, that the requested grants have always been on the fiscally prudent and conservative side.

Do these shortfalls convey a message to the University?

e provincial government in recent years seems to be saying: "We can afford *some* higher education, but not too much." Governments can readily contract publicly-funded institutions by stopping to feed their financial growth.

Obviously, the University must seek to demonstrate to the province that the need for higher education is as important as many other public priorities and that the University will return invaluable economic and social benefits in exchange for the province's investment. Perhaps we have not sufficiently communicated to the public and the government the social, cultural and economic benefits of the University. I would welcome any suggestions on how the University may place this issue before the public and the government.

In making suggestions, however, remember that all governments are being told to curb their spending and to stop attempting to balance their budgets on the taxpayer's back.

I know that the continued shortfall in grants is of concern to you. This University had to remove from continuing operating costs in the last five fiscal years approximately $7 million, because operating grants had not kept pace with inflation of salaries and non-salary costs. Obviously, such retrenchments are fraying our shoestring budget and are bringing on academic malnutrition.

Our retrenchments were not delusions. They were real. And they have threatened the whole academic enterprise.

The belt-tightening had already begun in 1976, and by 1980 the academic ribs could be counted. The cumulative effect of this compression of funds, plus the announcement of an 11.83 per cent increase in the 1981-82 operating grant, which, incidentally, is totally inadequate to meet salary and wage increases and the higher costs of materials and supplies, adds up to a financial crunch of major proportions.

Higher education is not a source of inflation; it is a victim of inflation. Inflation has drastically increased our operating costs, but our income has not increased correspondingly. Inflation is the heaviest tax we have, for we have no direct control over many of our costs. University costs follow the inflationary spiral upward.

About 15 per cent of the total cost of running the University is in non-salary items. Many of these expenses are virtually non-controllable costs, such as heat, light, water, insurance, telephone, paper, books and so forth. For 1982-83 the University has estimated an inflation factor on four distinct components of its budget as follows:

(a) utilities	25%
(b) books and periodicals	22.5%
(c) scientific equipment	17.5%
(d) other supplies	13%

The inflation on supplies will add about $4.7 million to our operating costs in 1982-83. And this brings me to an assessment of the financial consequences of the arbitrator's award for faculty salaries in 1981-82.

As I said, the University received an increase in the 1981-82 operating grant for general purposes of 11.83%. This represented the limit of the University's ability to pay salary increases in 1981-82. Accordingly, the University's final offer to the Faculty Association was a salary increase of 12% for continuing members, which included 3% for career adjustments.

The arbitrator, Mr. Bird, awarded an across-the-board increase of 18% in addition to the 3% for career advancement adjustments. Thus, the shortfall is 9% of the salary base and associated fringe benefits for continuing members of the bargaining unit, i.e. 9% of $80,405,000 or $7,236,450.

Hence there is an annual shortfall of over $7 million. While Mr. Bird's appreciation of the need for substantially higher salaries for faculty may be commended, the award totally ignores the University's financial realities, not to mention the serious impact which it must have on the quality of our academic programs.

I have taken three steps to assure that the additional costs and commitments arising from the arbitrator's award can be met. First, I recommended to the Board of Governors that they request the shortfall of over $7 million from the Universities Council in order to maintain the integrity and excellence of existing programs.

While I am confident that the University and the Universities Council can and will make a strong case for a higher level of government support, I cannot be too optimistic that the government will bail us out.

We have entered a period of financial stringency. If the government fails to respond favorably to our request, then we will have to trim our programs to fit our financial resources.

Second, I have taken steps to cope with the immediate shortfall this fiscal year and to minimize its effect on requirements for future years. Various budget control policies have been implemented to see us through the current year without a deficit and over the long run to adjust commitments so that they are consistent with expected revenues. I fully recognize that these belt-tightening policies are academically painful, but they are necessary to avoid a deficit — which we are not permitted to incur.

Third, and for the longer term, I am in the process of appointing a committee to advise me on the nature and location of retrenchments that may be necessary. I hope this committee will never have to make its recommendations to me. For if they do, succeeding generations will be the losers even more than we ourselves. The maintenance of quality universities is one of the few investments we can make in the future of society. Such an investment must not be thwarted.

Thank you.

UBC CALENDAR

UBC Calendar Deadlines

For events in the weeks of Oct. 18 and Oct. 25, material must be submitted not later than 4 p.m. on Oct. 8.
Send notices to Information Services, 6328 Memorial Rd. (Old Administration Building). For further information, call 228-3131.

The Vancouver Institute.

Saturday, Oct. 3
Practical Medicine and the Developing World. Dr. Alexandre Minkowski, Hopital Port Royal, Paris.

Saturday, Oct. 10
The Opera — an Exotick and Irrational Entertainment. Prof. French Tickner, Department of Music, UBC.

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

MONDAY, OCT. 5

Cancer Research Seminar.
Culture and Viral Transformation of the Rat Ovarian Surface Epithelium. Anne Adams, anatomy department graduate student, UBC. Lecture Theatre, B.C. Cancer Research Centre, 601 W. 10th Ave. 12:00 noon.

UBC Trombone Choir.
Douglas Sparkes, director. Program to be announced. Recital Hall, Music Building. 12:30 p.m.

Mining and Mineral Process Engineering Lecture.
Stabilization of Mineral Suspensions (For Slurry Pipeline Transport). Prof. Frank F. Aplan, Pennsylvania State University, University Park, PA. Room 317, Frank Forward Building. 1:30 p.m.

Mechanical Engineering Seminar.
Laboratory Courses in Mechanical Engineering at UBC: Where We Are and Where We Are Going. Dr. H.R. Davis. Room 1215, Civil and Mechanical Engineering Building. 3:30 p.m.

Management Science Seminar.
Prof. Y. Tauman, Graduate School of Management, Northwestern University. Penthouse, Angus Building. 3:30 p.m.

Applied Mathematics Seminar.
A Mapping on an Interval Related to the Forced Van der Pol Relaxation Oscillator. Prof. Johan Grasman, Mathematics, UBC. Room 104, Mathematics Building. 3:45 p.m.

Biochemical Discussion Group Seminar.
Uncoupler Resistance in Bacteria: Dulling Occam's Razor? Dr. Ted Sedgewick. Lecture Hall 4, Woodward Instructional Resources Centre. 4:30 p.m.

International House.
Probada de Vinos. Sample the produce of famous Spanish and Chilean vineyards. This is the first of the Spanish Conversation Evenings to be held every Monday. Gate 4, International House. 7:00 p.m.

TUESDAY, OCT. 6

Faculty Women's Club.
Opening meeting and get-acquainted gathering. There will be no guest speaker as registration for the 23 interest groups will take place. All women faculty and wives of faculty members welcome. Babysitting available. Cecil Green Park. 10:00 a.m.

Botany Seminar.
A New Look at the Young Embryo of *Pinus*. Dr. H. Singh, University of Victoria. Room 3219, Biological Sciences Building. 12:30 p.m.

Freesee Film Series.
The New Found Land, the first in this series with the general title America — A Personal History of the United States. Auditorium, Student Union Building. 12:30 p.m.

Classics Lecture.
Delphi in Greek Politics. Prof. George Forrest, Wykeham Professor of Ancient History, Oxford University. Room 100, Buchanan Building. 12:30 p.m.

International House.
Film Series '81. Today's films are *Maori Today* and *Otago*. Admission is free. Room 400, International House. 12:30 p.m.

Mining and Mineral Process Engineering Seminar.
The Significance of Coal Preparation in the Development of Coal Resources. Prof. Frank F. Aplan, Pennsylvania State University, University Park, PA. Room 317, Frank Forward Building. 1:30 p.m.

Electrical Engineering Seminar.
A Power System Physical Model and Some Results on the Topic of Power System Dynamics Using This Model. Liu Chu, Chinese Visiting Scholar in Electrical Engineering. Room 402, Electrical Engineering Building. 1:30 p.m.

Health Care and Epidemiology Seminar.
Contraception: 100 Years of Advocacy and Opposition in Perspective. Mary Bishop, research associate, Health Care and Epidemiology. Room 112, James Mather Building. 4:00 p.m.

Chemistry Seminar.
Teaching Chemistry in a Liberal Arts Setting — Experiences in Interdisciplinary Studies. Dr. Glen E. Rodgers, Allegheny College, Meadville, PA. Room 126, Chemistry Building. 4:30 p.m.

International House.
Film Series '81. Tonight's films are *Maori Today* and *Otago*. Admission is free. Room 400, International House. 7:30 p.m.

WEDNESDAY, OCT. 7

Wednesday Noon-Hour Concert.
Music of Beethoven and Bartok. Purcell String Quartet, with Sydney Humphries, and Bryan King, violin; Philippe Etter, viola; and Ian Hampton, cello. Recital Hall, Music Building. 12:30 p.m.

World University Services Film.
When People Awake. Film looks at the historical development of Chile's social class structure and politics. Room 205, Buchanan Building. 12:30 p.m.

Hewitt Bostock Memorial Lecture.
Visiting writer Earle Birney will give a reading of his poetry. Admission is free. Room 106, Buchanan Building. 12:30 p.m.

Anatomy Seminar.
Studies of Chloride Conductance in Muscle. Dr. P.C. Vaughan, Physiology, UBC. Room 37, Block B, Medical Sciences Building. 12:30 p.m.

Germanic Studies Lecture.
German author Reinhard Baumgart will deliver a lecture in German on "Thomas Manns Tagebucher: ein Roman ohne Autor. Room 2230, Buchanan Building. 12:30 p.m.

Continued on page 8

UBC CALENDAR

continued from page 7

(Wednesday, Oct. 7 continued)

Germanic Studies Film.
Showing of Reinhard Baumgart's "Essay-Film" *Die Wahlverwandtschaften. Ein Traktat mit Personen.* Room 308, Library Processing Centre. 2:30 p.m.

Statistics Workshop.
The Euler-Lagrange Equations and Optimal Estimation of the Multivariate Normal Mean. Prof. Len Haff, Mathematics, University of California at San Diego. Room 214, Geography Building. 3:30 p.m.

Biophysics Group Seminar.
Mathematical Modelling of Nonlinear Waves of Spreading Cortical Depression. Room 201, Hennings Building. 4:00 p.m.

THURSDAY, OCT. 8

Faculty Recital.
Music by UBC composers Chatman, Goldberg, Pentland, Weisgarber and Wilson. Hans-Karl Piltz, viola, and Robert Rogers, piano. Recital Hall, Music Building. 12:30 p.m.

Germanic Studies Film.
Showing of Reinhard Baumgart's "Essay-Film" *Die Wahlverwandtschaften. Ein Traktat mit Personen.* Room 308, Library Processing Centre. 12:30 p.m.

Classics Lecture.
Athenian Politics: 508-480: A Study in Method. Prof. George Forrest, Wykeham Professor of Ancient History, Oxford University. Room 100, Buchanan Building. 12:30 p.m.

Literary Dramatization and Discussion.
Abby Hagyard, playwright and actress will present a dramatization of Dorothy Parker's short story *Big Blonde.* For more information, call the Women Students' Office at 228-2415. Penthouse, Buchanan Building. 12:30 p.m.

Women Studies Lecture.
Women in the Vietnamese Revolution. Dr. Kathleen Gough, Anthropology, UBC. Room 203, Buchanan Building. 12:30 p.m.

Faculty Association General Meeting.
Room 100, Mathematics Building. 1:00 p.m

Condensed Matter Seminar.
Magnetic Properties of Rare-Earth Systems with Low Ordering Temperatures. Verner Frank, Technical University of Denmark. Room 318, Hennings Building. 2:30 p.m.

Germanic Studies Seminar.
Seminar in German with Reinhard Baumgart on his "Essay-Film" *Die Wahlverwandtschaften. Ein Traktat mit Personen.* Penthouse, Buchanan Building. 3:30 p.m.

Physics Colloquium.
Physical Principles of NMR Imaging. Prof. William Moore, Physics, University of Nottingham, England. Room 201, Hennings Building. 4:00 p.m.

SUB Films.
Ordinary People. Will also be shown at 7:00 and 9:30 p.m. on Friday, Oct. 9 and Saturday, Oct. 10 and at 7:00 p.m. on Sunday, Oct. 11. Auditorium, Student Union Building. 7:00 p.m.

Backgrounders on B.C. Economy.
The Stock Exchange. Robert Scott, President, Vancouver Stock Exchange. The first in a nine-week series. For registration information, call 228-2181, local 221. Room 226, Angus Building. 7:30 p.m.

CUSO Information Night.
Returned volunteers will present a slide-tape show on CUSO in West Africa. Recruitment information will be available. Upper Lounge, International House. 7:30 p.m.

AMS Concert.
Kim Carnes and Gary U.S. Bonds. Tickets at AMS Box Office, CBO outlets and all Woodward Stores. For information, call 228-5336. War Memorial Gym. 8:30 p.m.

FRIDAY, OCT. 9

UBC Thunderbird Hockey.
Thunderbird Invitational Tournament. Continues Saturday, Oct. 10 and Sunday, Oct. 11. Thunderbird Winter Sports Centre.

Developmental Medicine Seminar.
Prader-Willi Syndrome. Dr. W.J. Tze, Pediatrics, UBC. First Floor Seminar Room, Willow Pavilion, VGH. 12:30 p.m.

Medical Genetics Seminar.
Report on the International Congress of Human Genetics, Jerusalem, Israel, September, 1981. Dr. P. MacLeod. Fourth Floor Conference Room, Health Centre for Children, VGH. 1:00 p.m.

Canada West Soccer.
UBC Mens' Soccer team meets the University of Calgary. Wolfson Field. 2:00 p.m.

AMS Concert.
Villains. Tickets available at AMS Box Office and CBO outlets. For information, call 228-5336. Ballroom, Student Union Building. 8:00 p.m.

SATURDAY, OCT. 10

Humanities and Science Workshop.
Chronic Headache and Migraine Relief. Dr. Robert Kohlenberg, clinical psychology, University of Washington. For more information, call the Centre for Continuing Education at 228-2181. 9 a.m. to 4 p.m.

UBC Thunderbird Football.
UBC meets the University of Saskatchewan. Thunderbird Stadium. 2:00 p.m.

MONDAY, OCT. 12

Thanksgiving. University Closed.

Neurological Sciences Seminar.
Biochemical, Behavioral and Electrocortical Changes Following Lesions of the Magnocellular Forebrain Nuclei in the Rat. Prof. Giancarlo Pepeu, Pharmacology, Institute of Pharmacology, Florence. Lecture Theatre, Acute Care Unit. 12:30 p.m.

International House.
Spanish Conversational Evening. No experience necessary. Gate 4, International House. 7:00 p.m.

TUESDAY, OCT. 13

International House.
Film Series '81. Today's film is *Sicily.* Room 400, International House. 12:30 p.m.

Freesee Film Series.
Home Away From Home, the second in this series with the general title America — A Personal History of the United States. Auditorium, Student Union Building. 12:30 p.m.

International House.
Film Series '81. Tonight's film is *Veneto and Venice.* Room 400, International House. 7:30 p.m.

WEDNESDAY, OCT. 14

Wednesday Noon-Hour Concert.
Music of Gagnon, Beethoven, Messiaen, Lizst. Louise Bessette, piano, winner of the 1981 E. Gre Competition. Recital Hall, Music Building. 12:30 p.m.

Chemical Engineering Seminar.
Supercritical CO_2 — A Tertiary Recovery Process for Crude Oil. H. Campbell, Room 206, Chemical Engineering Building. 3:30 p.m.

Biophysics Group Seminar.
Membrane Current Voltage Relationships. What and Why? Dr. P. Vaughan, Physiology, UBC. Room 201, Hennings Building. 4:00 p.m.

Zoology Seminar.
Are Natural Populations of Birds Perfectly Adapted? A Study of Territoriality and Reproduction in the Song Sparrow. Dr. J.N.M. Smith, Zoology, UBC. Room 2000, Biological Sciences Building. 4:30 p.m.

THURSDAY, OCT. 15

UBC Contemporary Players.
Music of Albright, Milhaud, Webern, Britten, Forsyth. Co-directed by Stephen Chatman and Eugene Wilson. Recital Hall, Music Building. 12:30 p.m.

Condensed Matter Seminar.
Surface Enhanced Raman Scattering. James Tsang, I.B.M., Yorktown Heights. Room 318, Hennings Building. 2:30 p.m.

Physics Colloquium.
Where From and How Old? Some Applications of Physics to Archaeology. Prof. J.R. Prescott, Physics, University of Adelaide, Australia. Room 201, Hennings Building. 4:00 p.m.

SUB Films.
Tess. Will also be shown at 6:45 and 9:45 p.m. on Friday, Oct. 16 and Saturday, Oct. 17 and at 7 p.m. on Sunday, Oct. 18. Auditorium, Student Union Building. 7:00 p.m.

Backgrounders on B.C. Economy.
Real Estate and Construction. Geoffrey Still, President, A.E. LePage Ltd. Second in a nine-week series. For information, call 228-2181, local 221. Room 226, Angus Building. 7:30 p.m.

Medieval Workshop.
A concert of late medieval music presented in a workshop under direction of Thomas Binkley. Recital Hall, Music Building. 8:00 p.m.

FRIDAY, OCT. 16

Medieval Workshop.
A concert of late medieval music presented in a workshop under direction of Thomas Binkley. Recital Hall, Music Building. 12:30 p.m.

Developmental Medicine Seminar.
Monoclonal Antibodies to Sperm Surface Antigens. Dr. Gregory Lee, Obstetrics and Gynecology, UBC. First Floor Seminar Room, Willow Pavilion, VGH. 12:30 p.m.

Medical Genetics Seminar.
7q-Clinical Presentation and Review. Dr. P. MacLeod and Ms. B. Leighton. Fourth Floor Conference Room, Health Centre for Children, VGH. 1:00 p.m.

Canada West Soccer.
UBC Mens' Soccer team meets the University of Victoria. Wolfson Field. 2:00 p.m.

UBC Public Affairs.
The Supreme Court Decision on the Canadian Constitution Case. Prof. Robin Elliot, Law, UBC with host Gerald Savory, UBC Centre for Continuing Education. (Program will be repeated Friday, Oct. 23 at 7:30 p.m.) Channel 10, Vancouver Cablevision. 7:30 p.m.

UBC Contemporary Players.
Music of Albright, Milhaud, Webern, Britten, Forsyth. Co-directed by Stephen Chatman and Eugene Wilson. Recital Hall, Music Building. 8:00 p.m.

UBC Thunderbird Hockey.
Annual Alumni/Varsity Game. Thunderbird Winter Sports Centre. 8:00 p.m.

SATURDAY, OCT. 17

UBC Thunderbird Hockey.
Annual All-Alumni Game. Thunderbird Winter Sports Centre. 2:00 p.m.

World University Services.
Social evening — dinner and beer night. Room 207/209, Student Union Building. 5:00 p.m.

Faculty Club Oktoberfest Dinner and Dance.
Traditional German food from the Wiesen of Munich. Buffet dinner from 7 to 9 p.m. Dancing from 9 p.m. to midnight. Cost is $16.85 per person. Reservations required. 7:00 p.m.

Notices . . .

Frederic Wood Theatre
Frederic Wood Theatre is presenting *The Caretaker* by Harold Pinter. Performances begin Wednesday, Sept. 23 and run through Saturday, Oct. 3 (except Sunday). Admission is $5.50; $3.50 for students. For tickets or information, call 228-2678 or drop by Room 207 of the Frederic Wood Theatre Building.

Student Counselling
The Student Counselling and Resources Centre has moved from Ponderosa Annex F and is now located on the main floor of Brock Hall.

Student Internships '81
Senior Arts students are encouraged to participate in a non-paid study-related work experience program in their area of academic interest to develop skills and gain work experience. To apply, drop by Room 213 of Brock Hall, or call 228-3022.

Pipers and Drummers
Pipers and drummers among faculty, staff or students at UBC interested in playing with the Thunderbirds Pipe Band on campus are asked to contact Dr. Edward Mornin, at 228-5140. Highland dancers interested in performing on campus are also asked to contact Dr. Mornin.

Term Paper Blues
This film, produced by a UBC student filmmaker and filmed in Sedgewick Library, will be shown Monday through Friday, Sept. 28 — Oct. 2, 12:35 and 1:00 p.m. in Room 104, Buchanan Building. Sponsored by UBC Library.

Main Library Display
Posters and other materials from Solidarity and the Polish labor movement are on display in the 5th floor Main Library display case until the middle of November.

Nitobe Garden Hours
From Oct. 13 to Nov. 8, the garden will be open from 10 a.m. to 3 p.m. on weekdays, and from 10 a.m. to half-an-hour before sunset on weekends.

Agricurl
This curling league is a mixed league open to novice and experienced curlers. Curling will begin Oct. 13 and take place Tuesdays from 5 to 7 p.m. For more information, call R. Taylor at 228-4186 or J.F. Richards at 228-3453.

Badminton Club
UBC Faculty and Staff Badminton Club plays on Tuesday and Friday evenings from 7:30 to 10:30 p.m. in Gym B of the Thunderbird Winter Sports Centre. New members welcome.

TRIUMF Curling
The TRIUMF Curling Club curls Friday evenings in the Thunderbird Winter Sports Centre. Novice and experienced curlers welcome. For more information, call John Yandon at 228-4711 or 274-3110.

UBC Choral Union
Membership open to all students and staff in the University community. Credit available in most departments. Rehearsals from 3:30 to 5:00 p.m. on Mondays, Wednesdays and Thursdays in the Recital Hall of the Music Building. For information, call 228-3113 or come to rehearsal.

Blood Donor Clinics
Oct. 5-9 in Rooms 207/209, 211, 213, 215 of the Student Union Building from 10 a.m. to 4 p.m.; Oct. 29 in the Conversation Pit of the Student Union Building from 10 a.m. to 4 p.m.; Nov. 4 in Place Vanier Residence from 3 to 8 p.m.; and Nov. 30 in Totem Park Residence from 3 to 8 p.m.

Community Sport Services
Adult Hockey Skills — Thursday evenings beginning Oct. 15, seven weeks. Previous skating or hockey experience required. Cost is $58. For information, call 228-3688 on Tuesdays or Thursdays.

Fine Arts Gallery
Paintings of Imperial and Princely India will be exhibited Oct. 7 to 31. UBC Fine Arts Gallery is open from 10 a.m. to 5 p.m., Tuesday through Saturday. For information, call 228-2759.

Toastmaster Clubs
Two new Toastmaster clubs are being formed on campus, one for general faculty and one for faculty and students in Law. The Walter Gage Toastmaster Club was organized three years ago and is flourishing. The clubs train members in public speaking. The UBC Faculty Toastmasters will meet Thursdays from 4 to 6 p.m. in CEME 2204, off the faculty lounge. For registration information, contact Dr. Ralph Yorsh at 876-5131. Faculty of Law Toastmasters will meet initially in SUB 206 at 7 p.m. Oct. 1 and Oct. 8. Regular meetings will be at 1 p.m. Thursdays in the Law Building. Registration and details from Nancy Jajic at 266-5929.

UBC Reports is published every second Wednesday by Information Services, UBC, 6328 Memorial Road, Vancouver, B.C., V6T 1W5. Telephone 228-3131. Al Hunter, editor. Lorie Chortyk, calendar editor. Jim Banham, contributing editor.

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